

Documents

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- 1) Sitharthan, R., Karthikeyan, M., Sundar, D.S., Rajasekaran, S.
[Adaptive hybrid intelligent MPPT controller to approximate effectual wind speed and optimal rotor speed of variable speed wind turbine](#)

(2020) ISA Transactions, 96, pp. 479-489. Cited 56 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067076407&doi=10.1016%2fj.isatra.2019.05.029&partnerID=40&md5=>

DOI: 10.1016/j.isatra.2019.05.029

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 2) Karthikeyan, M., Sitharthan, R., Ali, T., Roy, B.
[Compact multiband CPW fed monopole antenna with square ring and T-shaped strips](#)

(2020) Microwave and Optical Technology Letters, 62 (2), pp. 926-932. Cited 51 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074285541&doi=10.1002%2fmop.32106&partnerID=40&md5=1f0163f>

DOI: 10.1002/mop.32106

Document Type: Article

Publication Stage: Final

Source: Scopus

- 3) Dileep, G.
[A survey on smart grid technologies and applications](#)

(2020) Renewable Energy, 146, pp. 2589-2625. Cited 42 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071330434&doi=10.1016%2fj.renene.2019.08.092&partnerID=40&md5=>

DOI: 10.1016/j.renene.2019.08.092

Document Type: Article

Publication Stage: Final

Source: Scopus

- 4) Kumar, R., Sahoo, S., Joanni, E., Singh, R.K., Maegawa, K., Tan, W.K., Kawamura, G., Kar, K.K., Matsuda, A.

[Heteroatom doped graphene engineering for energy storage and conversion](#)

(2020) Materials Today, 39, pp. 47-65. Cited 36 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085151999&doi=10.1016%2fj.mattod.2020.04.010&partnerID=40&md5=>
DOI: 10.1016/j.mattod.2020.04.010

Document Type: Review

Publication Stage: Final

Source: Scopus

- 5) Tiwari, S.K., Sahoo, S., Wang, N., Huczko, A.

[Graphene research and their outputs: Status and prospect](#)

(2020) Journal of Science: Advanced Materials and Devices, 5 (1), pp. 10-29. Cited 28 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079401848&doi=10.1016%2fj.jsamd.2020.01.006&partnerID=40&md5=>
DOI: 10.1016/j.jsamd.2020.01.006

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 6) Devarajan, Y., Choubey, G., Mehar, K.

[Ignition analysis on neat alcohols and biodiesel blends propelled research compression ignition engine](#)

(2020) Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 42 (23), pp.

2911-2922. Cited 26 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066848341&doi=10.1080%2f15567036.2019.1618998&partnerID=40&md5=>
DOI: 10.1080/15567036.2019.1618998

Document Type: Article

Publication Stage: Final

Source: Scopus

- 7) Devarajan, Y., Beemkumar, N., Ganesan, S., Arunkumar, T.

[An experimental study on the influence of an oxygenated additive in diesel engine fuelled with neat papaya seed biodiesel/diesel blends](#)

(2020) Fuel, 268, art. no. 117254, . Cited 23 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079377010&doi=10.1016%2fj.fuel.2020.117254&partnerID=40&md5=>
DOI: 10.1016/j.fuel.2020.117254

Document Type: Article

Publication Stage: Final

Source: Scopus

8) Mehar, K., Panda, S.K., Sharma, N.

[Numerical investigation and experimental verification of thermal frequency of carbon nanotube-reinforced sandwich structure](#)

(2020) Engineering Structures, 211, art. no. 110444, . Cited 13 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081030441&doi=10.1016%2fj.engstruct.2020.110444&partnerID=40&>

DOI: 10.1016/j.engstruct.2020.110444

Document Type: Article

Publication Stage: Final

Source: Scopus

9) Mehar, K., Mishra, P.K., Panda, S.K.

[Numerical investigation of thermal frequency responses of graded hybrid smart nanocomposite \(CNT-SMA-Epoxy\) structure](#)

(2020) Mechanics of Advanced Materials and Structures, . Cited 12 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079422361&doi=10.1080%2f15376494.2020.1725193&partnerID=40&>

DOI: 10.1080/15376494.2020.1725193

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

10) Choubey, G., D, Y., Huang, W., Yan, L., Babazadeh, H., Pandey, K.M.

[Hydrogen fuel in scramjet engines - A brief review](#)

(2020) International Journal of Hydrogen Energy, 45 (33), pp. 16799-16815. Cited 9 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084420905&doi=10.1016%2fj.ijhydene.2020.04.086&partnerID=40&>

DOI: 10.1016/j.ijhydene.2020.04.086

Document Type: Review

Publication Stage: Final

Source: Scopus

11) Singh, S.K., Kumar, P.

[A comprehensive survey on trajectory schemes for data collection using mobile elements in WSNs](#)

(2020) Journal of Ambient Intelligence and Humanized Computing, 11 (1), pp. 291-312. Cited 9 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069480989&doi=10.1007%2fs12652-019-01268-4&partnerID=40&md5>

DOI: 10.1007/s12652-019-01268-4

Document Type: Article

Publication Stage: Final

Source: Scopus

- 12) Sivalingam, V., Zan, Z., Sun, J., Selvam, B., Gupta, M.K., Jamil, M., Mia, M.

[Wear behaviour of whisker-reinforced ceramic tools in the turning of Inconel 718 assisted by an atomized spray of solid lubricants](#)

(2020) Tribology International, 148, art. no. 106235, . Cited 8 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082419625&doi=10.1016%2fj.triboint.2020.106235&partnerID=40&md5=>

DOI: 10.1016/j.triboint.2020.106235

Document Type: Article

Publication Stage: Final

Source: Scopus

- 13) Shameem, M., Kumar, R.R., Nadeem, M., Khan, A.A.

[Taxonomical classification of barriers for scaling agile methods in global software development environment using fuzzy analytic hierarchy process](#)

(2020) Applied Soft Computing Journal, 90, art. no. 106122, . Cited 8 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079165839&doi=10.1016%2fj.asoc.2020.106122&partnerID=40&md5=>

DOI: 10.1016/j.asoc.2020.106122

Document Type: Article

Publication Stage: Final

Source: Scopus

- 14) Hazarika, S.A., Deshmukhya, T., Bhanja, D., Nath, S.

[A novel optimum constructal fork-shaped fin array design for simultaneous heat and mass transfer application in a space-constrained situation](#)

(2020) International Journal of Thermal Sciences, 150, art. no. 106225, . Cited 7 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076828710&doi=10.1016%2fj.ijthermalsci.2019.106225&partnerID=40&md5=>

DOI: 10.1016/j.ijthermalsci.2019.106225

Document Type: Article

Publication Stage: Final

Source: Scopus

- 15) Devarajan, Y., Munuswamy, D., Nagappan, B., Ganesan, S.

[Detailed study on the effect of different ignition enhancers in the binary blends of diesel/biodiesel as a possible substitute for unaltered compression ignition engine](#)

(2020) Petroleum Science, 17 (4), pp. 1151-1158. Cited 6 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085294226&doi=10.1007%2fs12182-020-00463-9&partnerID=40&md5=>

DOI: 10.1007/s12182-020-00463-9

Document Type: Article

Publication Stage: Final
Access Type: Open Access
Source: Scopus

16) Varshney, G.

[Reconfigurable graphene antenna for THz applications: A mode conversion approach](#)

(2020) Nanotechnology, 31 (13), art. no. 135208, . Cited 6 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077936097&doi=10.1088%2f1361-6528%2fab60cc&partnerID=40&md5=06d18800000000000000000000000000>

DOI: 10.1088/1361-6528/ab60cc

Document Type: Article
Publication Stage: Final
Source: Scopus

17) Katariya, P.V., Mehar, K., Panda, S.K.

[Nonlinear dynamic responses of layered skew sandwich composite structure and experimental validation](#)

(2020) International Journal of Non-Linear Mechanics, 125, art. no. 103527, . Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085733143&doi=10.1016%2fj.ijnonlinmec.2020.103527&partnerID=40&md5=06d18800000000000000000000000000>

DOI: 10.1016/j.ijnonlinmec.2020.103527

Document Type: Article
Publication Stage: Final
Source: Scopus

18) Sivaiah, P., Bodicherla, U.

[Effect of Surface Texture Tools and Minimum Quantity Lubrication \(MQL\) on tool Wear and Surface Roughness in CNC Turning of AISI 52100 Steel](#)

(2020) Journal of The Institution of Engineers (India): Series C, 101 (1), pp. 85-95. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066119011&doi=10.1007%2fs40032-019-00512-2&partnerID=40&md5=06d18800000000000000000000000000>

DOI: 10.1007/s40032-019-00512-2

Document Type: Article
Publication Stage: Final
Source: Scopus

19) Kumar, A.

[Wideband circular cavity-backed slot antenna with conical radiation patterns](#)

(2020) Microwave and Optical Technology Letters, 62 (6), pp. 2390-2397. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079451368&doi=10.1002%2fmop.32316&partnerID=40&md5=06d18800000000000000000000000000>

DOI: 10.1002/mop.32316

Document Type: Article

Publication Stage: Final

Source: Scopus

20) Mehar, K., Panda, S.K.

[Nonlinear deformation and stress responses of a graded carbon nanotube sandwich plate structure under thermoelastic loading](#)

(2020) Acta Mechanica, 231 (3), pp. 1105-1123. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076556756&doi=10.1007%2fs00707-019-02579-5&partnerID=40&md5=>

DOI: 10.1007/s00707-019-02579-5

Document Type: Article

Publication Stage: Final

Source: Scopus

21) Kesarla, M.K., Kumar Reddy, N.N., Ortiz-Chi, F., Espinosa-González, C.G., Torres Torres, J.G., Hernandez-Como, N., Godavarthi, S., Martínez-Gómez, L.

[Transformation of g-C₃N₄ into onion like carbon on nickel nanoparticles for ultrafast hydrogenation](#)

(2020) Materials Chemistry and Physics, 240, art. no. 122157, . Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072170250&doi=10.1016%2fj.matchemphys.2019.122157&partnerID=>

DOI: 10.1016/j.matchemphys.2019.122157

Document Type: Article

Publication Stage: Final

Source: Scopus

22) Gotra, S., Varshney, G., Pandey, V.S., Yaduvanshi, R.S.

[Super-wideband multi-input–multi-output dielectric resonator antenna](#)

(2020) IET Microwaves, Antennas and Propagation, 14 (1), pp. 21-27. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077796074&doi=10.1049%2fiet-map.2018.6112&partnerID=40&md5=>

DOI: 10.1049/iet-map.2018.6112

Document Type: Article

Publication Stage: Final

Source: Scopus

23) Sivaiah, P., Ajay Kumar G, V., Singh M, M., Kumar, H.

[Effect of novel hybrid texture tool on turning process performance in MQL machining of Inconel 718 superalloy](#)

(2020) Materials and Manufacturing Processes, 35 (1), pp. 61-71. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075955440&doi=10.1080%2f10426914.2019.1697444&partnerID=40&md5=10.1080/10426914.2019.1697444>
DOI: 10.1080/10426914.2019.1697444

Document Type: Article

Publication Stage: Final

Source: Scopus

- 24) Nagappan, B., Devarajan, Y., Kariappan, E., Philip, S.B., Gautam, S.

[Influence of antioxidant additives on performance and emission characteristics of beef tallow biodiesel-fuelled C.I engine](#)

(2020) Environmental Science and Pollution Research, . Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084987799&doi=10.1007%2fs11356-020-09065-9&partnerID=40&md5=10.1007/s11356-020-09065-9>
DOI: 10.1007/s11356-020-09065-9

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 25) Singh, M.M., Kumar, H., Kumar, G.H., Sivaiah, P., Nagesha, K.V., Ajay, K.M., Vijaya, G.

[Determination of Strength Parameters of Glass Fibers Reinforced Composites for Engineering Applications](#)

(2020) Silicon, 12 (1), . Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060039797&doi=10.1007%2fs12633-019-0078-3&partnerID=40&md5=10.1007/s12633-019-0078-3>
DOI: 10.1007/s12633-019-0078-3

Document Type: Article

Publication Stage: Final

Source: Scopus

- 26) Devarajan, Y., Munuswamy, D., Nagappan, B., Choubey, G.

[Study on the effect on combining long-chain additive with neat bio-diesel fueled engine to examine its ignition characteristics](#)

(2020) Fuel, 279, art. no. 118400, . Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087928822&doi=10.1016%2fj.fuel.2020.118400&partnerID=40&md5=10.1016/j.fuel.2020.118400>
DOI: 10.1016/j.fuel.2020.118400

Document Type: Article

Publication Stage: Final

Source: Scopus

- 27) Devarajan, Y., Nagappan, B., Mageshwaran, G., Sunil Kumar, M., Durairaj, R.B.
[Feasibility study of employing diverse antioxidants as an additive in research diesel engine running with diesel-biodiesel blends](#)

(2020) Fuel, 277, art. no. 118161, . Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085319816&doi=10.1016%2fj.fuel.2020.118161&partnerID=40&md5=0>

DOI: 10.1016/j.fuel.2020.118161

Document Type: Article

Publication Stage: Final

Source: Scopus

- 28) Shameem, M., Khan, A.A., Gulzarul Hasan, M., Akbar, M.A.
[Analytic hierarchy process based prioritisation and taxonomy of success factors for scaling agile methods in global software development](#)

(2020) IET Software, 14 (4), pp. 389-401. Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086706623&doi=10.1049%2fiet-sen.2019.0196&partnerID=40&md5=7>

DOI: 10.1049/iet-sen.2019.0196

Document Type: Article

Publication Stage: Final

Source: Scopus

- 29) Acharya, S., Sahoo, S., Sonal, S., Lee, J.H., Mishra, B.K., Nayak, G.C.
[Adsorbed Cr\(VI\) based activated carbon/polyaniline nanocomposite: A superior electrode material for asymmetric supercapacitor device](#)

(2020) Composites Part B: Engineering, 193, art. no. 107913, . Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083037199&doi=10.1016%2fj.compositesb.2020.107913&partnerID=40&md5=4>

DOI: 10.1016/j.compositesb.2020.107913

Document Type: Article

Publication Stage: Final

Source: Scopus

- 30) Manimaran, A., Chandramohan, D., Shrinivas, S.G., Arulkumar, N.
[A comprehensive novel model for network speech anomaly detection system using deep learning approach](#)

(2020) International Journal of Speech Technology, 23 (2), pp. 305-313. Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081624018&doi=10.1007%2fs10772-020-09693-z&partnerID=40&md5=0>

DOI: 10.1007/s10772-020-09693-z

Document Type: Article

Publication Stage: Final

Source: Scopus

- 31) Kulandaivel, N., Muralikannan, R., KalyanaSundaram, S.

[Extraction and Characterization of Novel Natural Cellulosic Fibers from Pigeon Pea Plant](#)

(2020) Journal of Natural Fibers, 17 (5), pp. 769-779. Cited 3 times.

- 31) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055718496&doi=10.1080%2f15440478.2018.1534184&partnerID=40&md5=10.1080/15440478.2018.1534184>

DOI: 10.1080/15440478.2018.1534184

Document Type: Article

Publication Stage: Final

Source: Scopus

- 32) Prajapati, A.K., Prasad, R.

[A New Model Reduction Method for the Linear Dynamic Systems and Its Application for the Design of Compensator](#)

(2020) Circuits, Systems, and Signal Processing, 39 (5), pp. 2328-2348. Cited 3 times.

- 32) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073970190&doi=10.1007%2fs00034-019-01264-1&partnerID=40&md5=10.1007/s00034-019-01264-1>

DOI: 10.1007/s00034-019-01264-1

Document Type: Article

Publication Stage: Final

Source: Scopus

- 33) Isanaka, B.R., Akbar, M.A., Mishra, B.P., Kushvaha, V.

[Free vibration analysis of thin plates: Bare versus Stiffened](#)

(2020) Engineering Research Express, 2 (1), art. no. 015014, . Cited 3 times.

- 33) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082413507&doi=10.1088%2f2631-8695%2fab6264&partnerID=40&md5=10.1088/2631-8695/ab6264>

DOI: 10.1088/2631-8695/ab6264

Document Type: Article

Publication Stage: Final

Source: Scopus

- 34) Beemkumar, N., Yuvarajan, D., Arulprakasajothi, M., Elangovan, K., Arunkumar, T.

[Control of room temperature fluctuations in the building by incorporating PCM in the roof](#)

(2020) Journal of Thermal Analysis and Calorimetry, . Cited 3 times.

- 34) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077255909&doi=10.1007%2fs10973-019-09226-0&partnerID=40&md5=10.1007/s10973-019-09226-0>

DOI: 10.1007/s10973-019-09226-0

Document Type: Article
Publication Stage: Article in Press
Source: Scopus

- 35) Narasimha Murthy, K.V., Amaranatha Reddy, T., Vijaya Kumar, K.
[A UCM Approach for Forecasting the Seasonal Rainfall Patterns in Coastal Andhra Pradesh, India 1901–2017](#)
(2020) Pure and Applied Geophysics, 177 (11), pp. 5551-5565. Cited 2 times.

- 35) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067796203&doi=10.1007%2fs00024-019-02236-x&partnerID=40&md5>
DOI: 10.1007/s00024-019-02236-x

Document Type: Article
Publication Stage: Final
Source: Scopus

- 36) Prithivirajan, R., Narayanasamy, P., Al-Dhabi, N.A., Balasundar, P., Shyam Kumar, R., Ponmurugan, K., Ramkumar, T., Senthil, S.
[Characterization of *Musa paradisiaca* L. Cellulosic Natural Fibers from Agro-discarded Blossom Petal Waste](#)
(2020) Journal of Natural Fibers, 17 (11), pp. 1640-1653. Cited 2 times.

- 36) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063379014&doi=10.1080%2f15440478.2019.1588826&partnerID=40&md5>
DOI: 10.1080/15440478.2019.1588826

Document Type: Article
Publication Stage: Final
Source: Scopus

- 37) Choubey, G., Yuvarajan, D., Huang, W., Shafee, A., Pandey, K.M.
[Recent research progress on transverse injection technique for scramjet applications-a brief review](#)
(2020) International Journal of Hydrogen Energy, 45 (51), pp. 27806-27827. Cited 2 times.

- 37) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088989866&doi=10.1016%2fj.ijhydene.2020.07.098&partnerID=40&md5>
DOI: 10.1016/j.ijhydene.2020.07.098

Document Type: Review
Publication Stage: Final
Source: Scopus

- 38) Akbar, M.A., Shameem, M., Mahmood, S., Alsanad, A., Gumaei, A.
[Prioritization based Taxonomy of Cloud-based Outsource Software Development Challenges: Fuzzy AHP analysis](#)
(2020) Applied Soft Computing Journal, 95, art. no. 106557, . Cited 2 times.

38)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088236538&doi=10.1016%2fj.asoc.2020.106557&partnerID=40&md5=>
DOI: 10.1016/j.asoc.2020.106557

Document Type: Article

Publication Stage: Final

Source: Scopus

39) Khan, A.A., Shameem, M.

[Multicriteria decision-making taxonomy for DevOps challenging factors using analytical hierarchy process](#)

(2020) Journal of Software: Evolution and Process, 32 (10), art. no. e2263, . Cited 2 times.

39) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084032374&doi=10.1002%2fsmr.2263&partnerID=40&md5=d6caede8>
DOI: 10.1002/smr.2263

Document Type: Article

Publication Stage: Final

Source: Scopus

40) Shukla, A.K., Tripathi, D., Reddy, B.R., Chandramohan, D.

[A study on metaheuristics approaches for gene selection in microarray data: algorithms, applications and open challenges](#)

(2020) Evolutionary Intelligence, 13 (3), pp. 309-329. Cited 2 times.

40) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074647318&doi=10.1007%2fs12065-019-00306-6&partnerID=40&md5=>
DOI: 10.1007/s12065-019-00306-6

Document Type: Review

Publication Stage: Final

Source: Scopus

41) Kummara, V.K., Neelima, G., Ravi, N., Nanda Kumar Reddy, N., Satish Kumar Reddy, H., Dwaraka Viswanath, C.S., Lenine, D., Surekha, G., Padma Suvarna, R., Yuvaraj, C., Venkatramu, V.

[Near infrared broadband and visible upconversion emissions of erbium ions in oxyfluoride glasses for optical amplifier applications](#)

(2020) Optics and Laser Technology, 127, art. no. 106167, . Cited 2 times.

41) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081664088&doi=10.1016%2fj.optlastec.2020.106167&partnerID=40&md5=>
DOI: 10.1016/j.optlastec.2020.106167

Document Type: Article

Publication Stage: Final

Source: Scopus

42) Devarajan, Y., Choubey, G., Sellappan, S., Muniraj, S.K., Pillai, B.D.P.

[Emission study on the effect of ignition improver in diesel fueled engine](#)

(2020) Petroleum Science and Technology, 38 (12), pp. 763-771. Cited 2 times.

42) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087630201&doi=10.1080%2f10916466.2020.1781169&partnerID=40&>

DOI: 10.1080/10916466.2020.1781169

Document Type: Article

Publication Stage: Final

Source: Scopus

43) Raghav, R.S., Thirugnansambandam, K., Anguraj, D.K.

[Beeware Routing Scheme for Detecting Network Layer Attacks in Wireless Sensor Networks](#)

(2020) Wireless Personal Communications, 112 (4), pp. 2439-2459. Cited 2 times.

43) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078450322&doi=10.1007%2fs11277-020-07158-9&partnerID=40&md5=e>

DOI: 10.1007/s11277-020-07158-9

Document Type: Article

Publication Stage: Final

Source: Scopus

44) Penthia, T., Panda, A.K., Patnaik, N., Mohanty, P.R.

[Performance of SMES system with non-linear dynamic evolution control approach for pulsed power load compensation](#)

(2020) IET Generation, Transmission and Distribution, 14 (10), pp. 1872-1881. Cited 2 times.

44) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084615186&doi=10.1049%2fiet-gtd.2019.1880&partnerID=40&md5=e>

DOI: 10.1049/iet-gtd.2019.1880

Document Type: Article

Publication Stage: Final

Source: Scopus

45) Beemkumar, N., Yuvarajan, D., Arulprakasajothi, M., Ganesan, S., Elangovan, K., Senthilkumar, G.

[Experimental investigation and numerical modeling of room temperature control in buildings by the implementation of phase change material in the roof](#)

(2020) Journal of Solar Energy Engineering, Transactions of the ASME, 142 (1), art. no. 011011, .

Cited 2 times.

45) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076454572&doi=10.1115%2f1.4044564&partnerID=40&md5=47e98f0>

DOI: 10.1115/1.4044564

Document Type: Article

Publication Stage: Final

Source: Scopus

- 46) Kumar, I., Sachan, V., Shankar, R., Mishra, R.K.

[Performance Analysis of Multi-User Massive MIMO Systems with Perfect and Imperfect CSI](#)

(2020) Procedia Computer Science, 167, pp. 1452-1461. Cited 2 times.

- 46) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084456953&doi=10.1016%2fj.procs.2020.03.356&partnerID=40&md5=>

DOI: 10.1016/j.procs.2020.03.356

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 47) Khan, A., Li, J.P., Ahmad, N., Sethi, S., Haq, A.U., Patel, S.H., Rahim, S.

[Predicting Emerging Trends on Social Media by Modeling it as Temporal Bipartite Networks](#)

(2020) IEEE Access, 8, art. no. 9007680, pp. 39635-39646. Cited 2 times.

- 47) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081616611&doi=10.1109%2fACCESS.2020.2976134&partnerID=40&md5=>

DOI: 10.1109/ACCESS.2020.2976134

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 48) Khan, A., Li, J.P., Haq, A.U., Nazir, S., Ahmad, N., Varish, N., Malik, A., Patel, S.H.

[Partial Observer Decision Process Model for Crane-Robot Action](#)

(2020) Scientific Programming, 2020, art. no. 6349342, . Cited 2 times.

- 48) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081160735&doi=10.1155%2f2020%2f6349342&partnerID=40&md5=>

DOI: 10.1155/2020/6349342

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 49) Venkateswara Rao, P.V., Mohan Krishna Varma, N., Sudhakar, R.

[A systematic survey on software-defined networks, routing protocols and security infrastructure for underwater wireless sensor networks \(UWSNs\)](#)

(2020) Advances in Intelligent Systems and Computing, 1054, pp. 551-559. Cited 2 times.

- 49) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079614480&doi=10.1007%2f978-981-15-0135-7_50&partnerID=40&md5=

DOI: 10.1007/978-981-15-0135-7_50

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 50) Lipare, A., Reddy Edla, D., Cheruku, R., Tripathi, D.

[GWO-GA Based Load Balanced and Energy Efficient Clustering Approach for WSN](#)

(2020) Smart Innovation, Systems and Technologies, 165, pp. 287-295. Cited 2 times.

- 50) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076949754&doi=10.1007%2f978-981-15-0077-0_29&partnerID=40&md5=10.1007/978-981-15-0077-0_29

DOI: 10.1007/978-981-15-0077-0_29

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 51) Chandramohan, D., Dumka, A., Jayakumar, L.

[2M2C-R2ED: Multi-Metric Cooperative Clustering Based Routing for Energy Efficient Data Dissemination in Green-VANETs](#)

(2020) Technology and Economics of Smart Grids and Sustainable Energy, 5 (1), art. no. 15, . Cited

1 time.

- 51) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089572813&doi=10.1007%2fs40866-020-00086-4&partnerID=40&md5=10.1007/s40866-020-00086-4>

DOI: 10.1007/s40866-020-00086-4

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 52) Sivaiah, P., Guru Prasad, M., Singh M, M., Uma, B.

[Machinability evaluation during machining of AISI 52100 steel with textured tools under Minimum Quantity Lubrication–A comparative study](#)

(2020) Materials and Manufacturing Processes, 35 (15), pp. 1761-1768. Cited 1 time.

- 52) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089446798&doi=10.1080%2f10426914.2020.1802034&partnerID=40&md5=10.1080/10426914.2020.1802034>

DOI: 10.1080/10426914.2020.1802034

Document Type: Article

Publication Stage: Final

Source: Scopus

- 53) Nallabala, N.K.R., Godavarthi, S., Kummara, V.K., Kesarla, M.K., Saha, D., Akkera, H.S., Guntupalli, G.K., Kumar, S., Vattikuti, S.V.P.

[Structural, optical and photoresponse characteristics of metal-insulator-semiconductor \(MIS\) type Au/Ni/CeO₂/GaN Schottky barrier ultraviolet photodetector](#)

(2020) Materials Science in Semiconductor Processing, 117, art. no. 105190, . Cited 1 time.

- 53) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085596405&doi=10.1016%2fj.mssp.2020.105190&partnerID=40&md5=6>
DOI: 10.1016/j.mssp.2020.105190

Document Type: Article

Publication Stage: Final

Source: Scopus

- 54) Arun, I., Yuvaraj, C., Jyothibabu, P., Sekhar Reddy, G.C.

[Influence of Silica on Microstructural Modification of Electrical Discharge Composite Coating and its Wear Performance](#)

(2020) Silicon, 12 (10), pp. 2375-2386. Cited 1 time.

- 54) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078594727&doi=10.1007%2fs12633-019-00333-z&partnerID=40&md5=6>
DOI: 10.1007/s12633-019-00333-z

Document Type: Article

Publication Stage: Final

Source: Scopus

- 55) Singhal, A., Chaudhary, S.

[Mechanics of 2D elastic stress waves propagation impacted by concentrated point source disturbance in composite material bars](#)

(2020) Journal of Applied and Computational Mechanics, 6 (4), pp. 788-800. Cited 1 time.

- 55) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090571154&doi=10.22055%2fJACM.2019.29666.1621&partnerID=40&md5=6>
DOI: 10.22055/JACM.2019.29666.1621

Document Type: Article

Publication Stage: Final

Source: Scopus

- 56) Penthia, T., Panda, A.K., Mohanty, P.R., Patnaik, N.

[Superconducting magnetic energy storage system with an improved nonlinear control approach for pulsed power applications](#)

(2020) International Transactions on Electrical Energy Systems, 30 (8), art. no. e12464, . Cited 1

time.

- 56) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085627410&doi=10.1002%2f2050-7038.12464&partnerID=40&md5=6>

DOI: 10.1002/2050-7038.12464

Document Type: Article

Publication Stage: Final

Source: Scopus

- 57) Bhosale, A., Zade, N.P., Sarkar, P., Davis, R.

[Mechanical and physical properties of cellular lightweight concrete block masonry](#)

(2020) Construction and Building Materials, 248, art. no. 118621, . Cited 1 time.

- 57) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081200115&doi=10.1016%2fj.conbuildmat.2020.118621&partnerID=40>

DOI: 10.1016/j.conbuildmat.2020.118621

Document Type: Article

Publication Stage: Final

Source: Scopus

- 58) Bag, A., Subudhi, B., Ray, P.K.

[An Adaptive Variable Leaky Least Mean Square Control Scheme for Grid Integration of a PV System](#)

(2020) IEEE Transactions on Sustainable Energy, 11 (3), art. no. 8770144, pp. 1508-1515. Cited 1

time.

- 58) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075542004&doi=10.1109%2fTSTE.2019.2929551&partnerID=40&md5>

DOI: 10.1109/TSTE.2019.2929551

Document Type: Article

Publication Stage: Final

Source: Scopus

- 59) Kumar, P., Makhatha, M.E., Sengupta, S., Dutt, A.K.

[Prediction of the Propagation of Fatigue Cracks in Part-Through Cracked Pipes with CASCA and FRANC2D](#)

(2020) Transactions of the Indian Institute of Metals, 73 (6), pp. 1417-1420. Cited 1 time.

- 59) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079536258&doi=10.1007%2fs12666-020-01886-z&partnerID=40&md5>

DOI: 10.1007/s12666-020-01886-z

Document Type: Article

Publication Stage: Final

Source: Scopus

- 60) Dharmale, N., Chaudhury, S., Mahamune, R., Dash, D.

[Comparative study on structural, electronic, optical and mechanical properties of normal and high](#)

[pressure phases titanium dioxide using DFT](#)

(2020) Materials Research Express, 7 (5), art. no. 054004, . Cited 1 time.

- 60) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085213780&doi=10.1088%2f2053-1591%2fab8d5c&partnerID=40&md5=...>
DOI: 10.1088/2053-1591/ab8d5c

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 61) Swain, R., Chatterjee, A., Nanda, S., Mishra, R.K.

[A Linear-to-Circular Polarization Conversion Metasurface Based Wideband Aperture Coupled Antenna](#)

(2020) Journal of Electrical Engineering and Technology, 15 (3), pp. 1293-1299. Cited 1 time.

- 61) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081918023&doi=10.1007%2fs42835-020-00402-z&partnerID=40&md5=...>
DOI: 10.1007/s42835-020-00402-z

Document Type: Article

Publication Stage: Final

Source: Scopus

- 62) Sathesh, K., Rajkumar, S., Goyal, N.K.

[Least Mean Square \(LMS\) based neural design and metric evaluation for auscultation signal separation](#)

(2020) Biomedical Signal Processing and Control, 59, art. no. 101784, . Cited 1 time.

- 62) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080082869&doi=10.1016%2fj.bspc.2019.101784&partnerID=40&md5=...>
DOI: 10.1016/j.bspc.2019.101784

Document Type: Article

Publication Stage: Final

Source: Scopus

- 63) Singh, A.K., Kumar, S., Singh, B.

[Solar PV Energy Generation System Interfaced to Three Phase Grid with Improved Power Quality](#)

(2020) IEEE Transactions on Industrial Electronics, 67 (5), art. no. 8734828, pp. 3798-3808. Cited 1

time.

- 63) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079349925&doi=10.1109%2fTIE.2019.2921278&partnerID=40&md5=...>
DOI: 10.1109/TIE.2019.2921278

Document Type: Article

Publication Stage: Final

Document Type: Article
Publication Stage: Final
Source: Scopus

68) Sathya Priya, J., Saravanan, K., Sathyabama, A.R.

[Optimized evolutionary algorithm and supervised ACO mechanism to mitigate attacks and improve performance of adhoc network](#)

(2020) Computer Communications, 154, pp. 551-558. Cited 1 time.

68) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081620083&doi=10.1016%2fj.comcom.2020.02.070&partnerID=40&md5=902a402>

DOI: 10.1016/j.comcom.2020.02.070

Document Type: Article
Publication Stage: Final
Source: Scopus

69) Kale, S.

[Performance Improvement and Analysis of PtSi Schottky Barrier p-MOSFET Based on Charge Plasma Concept for Low Power Applications](#)

(2020) Silicon, 12 (3), pp. 479-485. Cited 1 time.

69) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064720375&doi=10.1007%2fs12633-019-00161-1&partnerID=40&md5=902a402>

DOI: 10.1007/s12633-019-00161-1

Document Type: Article
Publication Stage: Final
Source: Scopus

70) Bhattacharya, A., Roy, B.

[Investigations on an extremely compact MIMO antenna with enhanced isolation and bandwidth](#)

(2020) Microwave and Optical Technology Letters, 62 (2), pp. 845-851. Cited 1 time.

70) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074038975&doi=10.1002%2fmop.32084&partnerID=40&md5=902a402>

DOI: 10.1002/mop.32084

Document Type: Article
Publication Stage: Final
Source: Scopus

71) Sekhar, M.C., Reddy, B.P., Prakash, B.P., Park, S.-H.

[Effects of Annealing Temperature on Phase Transformation of CoTiO₃ Nanoparticles and on their Structural, Optical, and Magnetic Properties](#)

(2020) Journal of Superconductivity and Novel Magnetism, 33 (2), pp. 407-415. Cited 1 time.

71)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068890229&doi=10.1007%2fs10948-019-05199-1&partnerID=40&md5>

DOI: 10.1007/s10948-019-05199-1

Document Type: Article

Publication Stage: Final

Source: Scopus

72) Saha, D.

[Temperature-dependent electrical resistivity and magnetoresistance characteristics of Zn_{1-x}V_xO thin films above Mott critical density](#)

(2020) Modern Physics Letters B, 34 (1), art. no. 2050011, . Cited 1 time.

72) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075885630&doi=10.1142%2fS0217984920500116&partnerID=40&md5>

DOI: 10.1142/S0217984920500116

Document Type: Article

Publication Stage: Final

Source: Scopus

73) Parumandla, N., Adepu, K.

[Effect of tool shoulder geometry on fabrication of Al/Al₂O₃ surface nano composite by friction stir processing](#)

(2020) Particulate Science and Technology, 38 (1), pp. 121-130. Cited 1 time.

73) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055256288&doi=10.1080%2f02726351.2018.1490361&partnerID=40&md5>

DOI: 10.1080/02726351.2018.1490361

Document Type: Article

Publication Stage: Final

Source: Scopus

74) Arunnellaiappan, T., Baskaran, S., Arun, S., Prithvirajan, R.

[Corrosion behaviour of detonation gun sprayed cermet coatings on AA5083](#)

(2020) Surface Engineering, . Cited 1 time.

74) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089682613&doi=10.1080%2f02670844.2020.1807096&partnerID=40&md5>

DOI: 10.1080/02670844.2020.1807096

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

75) David, C., Karpagaraj, A., Thangavelu, A.

[Degradation of distillery effluent by twisted-type Iron electrodes: experimental with ANN approach](#)

(2020) International Journal of Environmental Analytical Chemistry, . Cited 1 time.

- 75) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089459753&doi=10.1080%2f03067319.2020.1807532&partnerID=40&DOI=10.1080/03067319.2020.1807532>

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 76) Panigrahy, P.S., Santra, D., Chattopadhyay, P.

[Decent fault classification of VFD fed induction motor using random forest algorithm](#)

(2020) Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, . Cited 1

time.

- 76) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089299303&doi=10.1017%2fS0890060420000311&partnerID=40&DOI=10.1017/S0890060420000311>

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 77) Kumar, R., Verma, A.R., Panda, M.K., Kumar, P.

[HRV Signal Feature Estimation and Classification for Healthcare System Based on Machine Learning](#)

(2020) Communications in Computer and Information Science, 1241 CCIS, pp. 437-448. Cited 1 time.

- 77) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088206697&doi=10.1007%2f978-981-15-6318-8_36&partnerID=40&DOI=10.1007/978-981-15-6318-8_36

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 78) Akbar, M.A., Shameem, M., Khan, A.A., Nadeem, M., Alsanad, A., Gumaei, A.

[A fuzzy analytical hierarchy process to prioritize the success factors of requirement change management in global software development](#)

(2020) Journal of Software: Evolution and Process, . Cited 1 time.

- 78) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087657490&doi=10.1002%2fsmr.2292&partnerID=40&md5=e47c8706&DOI=10.1002/smr.2292>

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

79) Patra, J.P., Singh, P.

[Improved signal detection techniques for QOSTBC system in fast fading channel](#)

(2020) Journal of Telecommunications and Information Technology, (1), pp. 6-12. Cited 1 time.

79) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086647126&doi=10.26636%2fjtit.2020.138019&partnerID=40&md5=dc>

DOI: 10.26636/jtit.2020.138019

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

80) Muhiuddin, G., Mahboob, A.

[Int-soft ideals over the soft sets in ordered semigroups](#)

(2020) AIMS Mathematics, 5 (3), pp. 2412-2423. Cited 1 time.

80) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083093629&doi=10.3934%2fmath.2020159&partnerID=40&md5=37c2>

DOI: 10.3934/math.2020159

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

81) Kumar, M., Kumar, R., Nidhya, R.

[WOAMSA: Whale optimization algorithm for multiple sequence alignment of protein sequence](#)

(2020) Advances in Intelligent Systems and Computing, 1108 AISC, pp. 131-139. Cited 1 time.

81) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078542707&doi=10.1007%2f978-3-030-37218-7_15&partnerID=40&md5=

DOI: 10.1007/978-3-030-37218-7_15

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

82) Prusty, S.B., Seshagiri, S., Pati, U.C., Mahapatra, K.K.

[Sliding mode control of coupled tank systems using conditional integrators](#)

(2020) IEEE/CAA Journal of Automatica Sinica, 7 (1), art. no. 8945488, pp. 118-125. Cited 1 time.

82) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077769605&doi=10.1109%2fJAS.2019.1911831&partnerID=40&md5=>

DOI: 10.1109/JAS.2019.1911831

Document Type: Article

Publication Stage: Final

Source: Scopus

83) Ali, R., Chandrakar, P., Kumar, A.

[On the security weaknesses in password-based anonymous authentication scheme for E-health care](#)

(2020) Lecture Notes in Networks and Systems, 82, pp. 23-40. Cited 1 time.

83) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071433017&doi=10.1007%2f978-981-13-9574-1_2&partnerID=40&md5=3

DOI: 10.1007/978-981-13-9574-1_2

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

84) Veningston, K., Kadry, S., Kalash, H.S., Balamurugan, B., Sathiyaraj, R.

[Intelligent social network based data modeling for improving health care](#)

(2020) Health and Technology, 10 (1), pp. 321-332. Cited 1 time.

84) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064452943&doi=10.1007%2fs12553-019-00303-w&partnerID=40&md5=3>

DOI: 10.1007/s12553-019-00303-w

Document Type: Article

Publication Stage: Final

Source: Scopus

85) Sivaiah, P., Singh M, M., Venkatesu, S., Yoganjaneyulu, G.

[Investigation on turning process performance using hybrid-textured tools under dry and conventional cooling environment](#)

(2020) Materials and Manufacturing Processes, 35 (16), pp. 1852-1859.

85) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090430244&doi=10.1080%2f10426914.2020.1813893&partnerID=40&md5=3>

DOI: 10.1080/10426914.2020.1813893

Document Type: Article

Publication Stage: Final

Source: Scopus

86) Pal, R., Gupta, N., Prakash, A., Tripathi, R., Rodrigues, J.J.P.C.

[Deep reinforcement learning based optimal channel selection for cognitive radio vehicular ad-hoc network](#)

(2020) IET Communications, 14 (19), pp. 3464-3471.

86) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096993312&doi=10.1049%2fiet-com.2020.0451&partnerID=40&md5=3>

DOI: 10.1049/iet-com.2020.0451

Document Type: Article

Publication Stage: Final

Source: Scopus

87) Mehar, K., Panda, S.K., Dewangan, H.C.

[Multiscale finite element prediction of thermomechanical flexural strength of nanotube-reinforced hybrid smart composite panel bonded with SMA fibre](#)

(2020) Structures, 28, pp. 2300-2310.

87) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095449299&doi=10.1016%2fj.istruc.2020.10.049&partnerID=40&md5=>

DOI: 10.1016/j.istruc.2020.10.049

Document Type: Article

Publication Stage: Final

Source: Scopus

88) Vaigundamoorthi, M., Ramesh, R., Prabhu, V.V., Kumar, K.A.

[MPPT oscillations minimization in PV system by controlling non-linear dynamics in SEPIC DC-DC converter](#)

(2020) International Journal of Electrical and Computer Engineering, 10 (6), pp. 6268-6275.

88) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092306379&doi=10.11591%2fIJECE.V10I6.PP6268-6275&partnerID=>

DOI: 10.11591/IJECE.V10I6.PP6268-6275

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

89) Munuswamy, D.B., Devarajan, Y., Babu, M.N., Ramalingam, S.

[Experimental investigation on lowering the environmental hazards and improving the performance patterns of solar flat plate collectors by employing the internal longitudinal fins and nano additives](#)

(2020) Environmental Science and Pollution Research, 27 (36), pp. 45390-45404.

89) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089384168&doi=10.1007%2fs11356-020-10311-3&partnerID=40&md5=>

DOI: 10.1007/s11356-020-10311-3

Document Type: Article

Publication Stage: Final

Source: Scopus

90) Shrestha, H., Dhasarathan, C., Munisamy, S., Jayavel, A.

[Natural Language Processing Based Sentimental Analysis of Hindi \(SAH\) Script an Optimization Approach](#)

(2020) International Journal of Speech Technology, 23 (4), pp. 757-766.

90) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087707035&doi=10.1007%2fs10772-020-09730-x&partnerID=40&md5=>

DOI: 10.1007/s10772-020-09730-x

Document Type: Article
Publication Stage: Final
Source: Scopus

- 91) Manjunath, V., Sowmya, D.V., Achari, K.M.M., Sandhya, P., Sravya, G., Ananda, P., Krishnaiah, M.
[Structural, morphological and 1/f noise properties of ITO/TiO₂ thin films by e-beam evaporation system for optoelectronic device applications](#)
(2020) AIP Conference Proceedings, 2280, art. no. 0018120, .

- 91) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096445630&doi=10.1063%2f5.0018120&partnerID=40&md5=83fddc13>
DOI: 10.1063/5.0018120

Document Type: Conference Paper
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 92) Lakshun Naidu, K., Mohiddon, M.A., Shankernath, V., Ghanashyam Krishna, M.
[Growth and optical properties of silicon based nanocomposite thin films](#)
(2020) AIP Conference Proceedings, 2270, art. no. 110019, .

- 92) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096432347&doi=10.1063%2f5.0019789&partnerID=40&md5=45f0218>
DOI: 10.1063/5.0019789

Document Type: Conference Paper
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 93) Sivaiah, P., Chakradhar, D.
[Identifying the effectiveness of manner of cryogenic coolant supply in different cryogenic cooling techniques in turning process—a review](#)
(2020) Machining Science and Technology, 24 (6), pp. 948-999.

- 93) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094213231&doi=10.1080%2f10910344.2020.1815039&partnerID=40&md5=83fddc13>
DOI: 10.1080/10910344.2020.1815039

Document Type: Review
Publication Stage: Final
Source: Scopus

- 94) Nidhya, R., Kumar, M., V. Ravi, R., Deepak, V.
[Enhanced Route Selection \(ERS\) algorithm for IoT enabled smart waste management system](#)
(2020) Environmental Technology and Innovation, 20, art. no. 101116, .

94)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089847816&doi=10.1016%2fj.eti.2020.101116&partnerID=40&md5=d7>
DOI: 10.1016/j.eti.2020.101116

Document Type: Article
Publication Stage: Final
Source: Scopus

- 95) Boggarapu, P.K., Manickam, C., Lehman, B., Ganesan, S.I., Chilakapati, N.
[Identification of Pre-existing/Undetected Line-to-Line Faults in PV Array Based on Pretun on/off Condition of the PV Inverter](#)
(2020) IEEE Transactions on Power Electronics, 35 (11), art. no. 9069449, pp. 11865-11878.

- 95) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089310057&doi=10.1109%2fTPEL.2020.2987856&partnerID=40&md5=>
DOI: 10.1109/TPEL.2020.2987856

Document Type: Article
Publication Stage: Final
Source: Scopus

- 96) Li, J., Tao, H., Shuhong, L., Salih, S.Q., Zain, J.M., Yankun, L., Vivekananda, G.N., Thanjaivadel, M.
[Internet of things assisted condition-based support for smart manufacturing industry using learning technique](#)
(2020) Computational Intelligence, 36 (4), pp. 1737-1754.

- 96) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088581524&doi=10.1111%2fcoin.12319&partnerID=40&md5=7d6a60f>
DOI: 10.1111/coin.12319

Document Type: Article
Publication Stage: Final
Source: Scopus

- 97) Brabin, D.R.D., Perinbam, J.R.P., Meganathan, D.
[Watermark Visibility Adjustable RVW Scheme for JPEG Images](#)
(2020) Wireless Personal Communications, 115 (1), pp. 187-202.

- 97) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086733973&doi=10.1007%2fs11277-020-07567-w&partnerID=40&md5=>
DOI: 10.1007/s11277-020-07567-w

Document Type: Article
Publication Stage: Final
Source: Scopus

- 98) Singh, M.K., Alam, P.
[Attenuation and dispersion characteristic of Rayleigh waves in a compressed viscoelastic strip: a](#)

[comparative study](#)

(2020) Boletin de la Sociedad Matematica Mexicana, 26 (3), pp. 1333-1340.

- 98) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079730067&doi=10.1007%2fs40590-020-00279-y&partnerID=40&md5>
DOI: 10.1007/s40590-020-00279-y

Document Type: Article

Publication Stage: Final

Source: Scopus

- 99) Latha, N.K.H., Kale, S.

[Dielectric Modulated Schottky Barrier TFET for the Application as Label-Free Biosensor](#)

(2020) Silicon, 12 (11), pp. 2673-2679.

- 99) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077460950&doi=10.1007%2fs12633-019-00363-7&partnerID=40&md5>
DOI: 10.1007/s12633-019-00363-7

Document Type: Article

Publication Stage: Final

Source: Scopus

- 100) Manjunath, V., Yuvaraj, C., Nanda Kumar Reddy, N., Uthanna, S., George, P.P., Nethaji Reddy, G., Manjunatha, G., Ravikanth, D., Surekha, K.

[Evaluation of electrical parameters of Ni/n-type si schottky barrier diodes using polyvinyl alcohol \(PVA\) as an interfacial layer](#)

(2020) AIP Conference Proceedings, 2269, art. no. 030098, .

- 100) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094570417&doi=10.1063%2f5.0019609&partnerID=40&md5=c88a581>
DOI: 10.1063/5.0019609

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 101) Devaki, P., Rao, A.S., Sharma, R.P., Sreenadh, S.

[Impact of hematocrit on the flow of casson fluid in contact with jeffery fluid over a narrow pipe](#)

(2020) Indian Journal of Pure and Applied Physics, 58 (10), pp. 758-764.

- 101) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095593128&partnerID=40&md5=91e8f28c7ea893b86ac8b2e95e5d14>

Document Type: Article

Publication Stage: Final

Source: Scopus

102) Kumar, A., Ram, S., Al-Hasan, M.

[Online spotlight: A planar cavity-backed self-triplexing slot antenna for planar integration](#)

(2020) Microwave Journal, 63 (10), .

102) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095115928&partnerID=40&md5=7f108d34e4aa64defb0e179229a84fd>

Document Type: Article

Publication Stage: Final

Source: Scopus

103) Mahapatro, S.R., Subudhi, B.

[A Robust Decentralized PID Controller Based on Complementary Sensitivity Function for a Multivariable System](#)

(2020) IEEE Transactions on Circuits and Systems II: Express Briefs, 67 (10), art. no. 8847408, pp.

2024-2028.

103) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092075061&doi=10.1109%2fTCSII.2019.2943382&partnerID=40&md5>

DOI: 10.1109/TCSII.2019.2943382

Document Type: Article

Publication Stage: Final

Source: Scopus

104) Sinha, S., Nandi, D.K., Pawar, P.S., Kim, S.-H., Heo, J.

[A review on atomic layer deposited buffer layers for Cu\(In,Ga\)Se₂ \(CIGS\) thin film solar cells: Past, present, and future](#)

(2020) Solar Energy, 209, pp. 515-537.

104) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091232740&doi=10.1016%2fj.solener.2020.09.022&partnerID=40&md5>

DOI: 10.1016/j.solener.2020.09.022

Document Type: Review

Publication Stage: Final

Source: Scopus

105) Agarwal, L., Singh, R., Varshney, G., SambasivaRao, K., Tripathi, S.

[Design and analysis of Yb doped ZnO \(YZO\) and P-Si bilayer nano-stacked reflector for optical filter applications](#)

(2020) Superlattices and Microstructures, 146, art. no. 106670, .

105) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089237317&doi=10.1016%2fj.spmi.2020.106670&partnerID=40&md5>

DOI: 10.1016/j.spmi.2020.106670

Document Type: Article

Publication Stage: Final

Source: Scopus

- 106) Kuppusamy, P., Venkatraman, S., Rishikeshan, C.A., Padmanabha Reddy, Y.C.A.
[Deep learning based energy efficient optimal timetable rescheduling model for intelligent metro transportation systems](#)
(2020) Physical Communication, 42, art. no. 101131, .

106) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084947847&doi=10.1016%2fj.phycom.2020.101131&partnerID=40&md5=7e4e3101010101010101010101010101>
DOI: 10.1016/j.phycom.2020.101131

Document Type: Article

Publication Stage: Final

Source: Scopus

- 107) Akbar, M.A., Mahmood, S., Huang, Z., Khan, A.A., Shameem, M.
[Readiness model for requirements change management in global software development](#)
(2020) Journal of Software: Evolution and Process, 32 (10), art. no. e2264, .

107) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084155993&doi=10.1002%2fsmr.2264&partnerID=40&md5=cce7e4e3101010101010101010101010>
DOI: 10.1002/smr.2264

Document Type: Article

Publication Stage: Final

Source: Scopus

- 108) Balamurugan, G., Viswanathan, T.S.
[Comparative study on CFRP and GFRP composite in strengthening of RC slab](#)
(2020) International Journal of Emerging Trends in Engineering Research, 8 (9), art. no. 84, pp. 5424-5429.

108) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091759859&doi=10.30534%2fijeter%2f2020%2f84892020&partnerID=40&md5=7e4e3101010101010101010101010101>
DOI: 10.30534/ijeter/2020/84892020

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 109) Hoque, S., Arif, W., Sen, D.
[Assessment of Spectrum Handoff Performance in Cognitive Radio Cellular Networks](#)
(2020) IEEE Wireless Communications Letters, 9 (9), art. no. 9085967, pp. 1403-1407.

109) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091189842&doi=10.1109%2fLWC.2020.2992066&partnerID=40&md5=7e4e3101010101010101010101010101>
DOI: 10.1109/LWC.2020.2992066

Document Type: Article
Publication Stage: Final
Source: Scopus

110) Baral, A., Das, G., Roy, A.B., Kole, A., Mukherjee, N., Bose, S.

[Stacked Back Reflector Architecture for Advanced Optical Management in State-of-the-Art Single-Junction \$\mu\$ c-Si:H Solar Cells](#)

(2020) IEEE Journal of Photovoltaics, 10 (5), art. no. 9149610, pp. 1203-1213.

110) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089291725&doi=10.1109%2fJPHOTOV.2020.3008263&partnerID=408>

DOI: 10.1109/JPHOTOV.2020.3008263

Document Type: Article
Publication Stage: Final
Source: Scopus

111) Priya, A.V., Srivastava, A.K., Arun, V.

[Hybrid Optimal Energy Management for Clustering in Wireless Sensor Network](#)

(2020) Computers and Electrical Engineering, 86, art. no. 106708, .

111) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086376504&doi=10.1016%2fj.compeleceng.2020.106708&partnerID=408>

DOI: 10.1016/j.compeleceng.2020.106708

Document Type: Article
Publication Stage: Final
Source: Scopus

112) Sangeetha, V., Gopinath, D., Prithvirajan, R., Girish Chandran, V., Manoj Kumar, R.

[Investigating the mechanical, thermal and melt flow index properties of HNTs – LLDPE nano composites for the applications of rotational moulding](#)

(2020) Polymer Testing, 89, art. no. 106595, .

112) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084331085&doi=10.1016%2fj.polymertesting.2020.106595&partnerID=408>

DOI: 10.1016/j.polymertesting.2020.106595

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

113) Rajkumar, S., Sathesh, K., Goyal, N.K.

[Neural network-based design and evaluation of performance metrics using adaptive line enhancer with adaptive algorithms for auscultation analysis](#)

(2020) Neural Computing and Applications, 32 (18), pp. 15131-15153.

113)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083715144&doi=10.1007%2fs00521-020-04864-0&partnerID=40&md5>

DOI: 10.1007/s00521-020-04864-0

Document Type: Article

Publication Stage: Final

Source: Scopus

114) Jee, A., Hoque, S., Arif, W.

[Performance analysis of secondary users under heterogeneous licensed spectrum environment in cognitive radio ad hoc networks](#)

(2020) Annales des Telecommunications/Annals of Telecommunications, 75 (7-8), pp. 407-419.

114) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081701928&doi=10.1007%2fs12243-020-00761-8&partnerID=40&md5>

DOI: 10.1007/s12243-020-00761-8

Document Type: Article

Publication Stage: Final

Source: Scopus

115) Karpagaraj, A., Baskaran, S., Arunnellaiappan, T., Kumar, N.R.

[A review on the suitability of wire arc additive manufacturing \(WAAM\) for stainless steel 316](#)

(2020) AIP Conference Proceedings, 2247, art. no. 0004148, .

115) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089268937&doi=10.1063%2f5.0004148&partnerID=40&md5=d5fc6cb4>

DOI: 10.1063/5.0004148

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

116) Murthy, T.S., Roy, M.S., Varma, M.K.

[Improving the Performance of Association Rules Hiding using Hybrid Optimization Algorithm](#)

(2020) Journal of Applied Security Research, 15 (3), pp. 423-437.

116) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086934794&doi=10.1080%2f19361610.2020.1756155&partnerID=40&md5>

DOI: 10.1080/19361610.2020.1756155

Document Type: Article

Publication Stage: Final

Source: Scopus

117) Aridoss, M., Dhasarathan, C., Dumka, A., Loganathan, J.

[DUICM deep underwater image classification model using convolutional neural networks](#)

(2020) International Journal of Grid and High Performance Computing, 12 (3), pp. 88-100.

117)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091343557&doi=10.4018%2fIJGHPC.2020070106&partnerID=40&md5=>

DOI: 10.4018/IJGHPC.2020070106

Document Type: Article

Publication Stage: Final

Source: Scopus

118) Rajakumar, R., Dinesh, K., Dumka, A., Jayakumar, L.

[RFA reinforced firefly algorithm to identify optimal feature subsets for network IDS](#)

(2020) International Journal of Grid and High Performance Computing, 12 (3), pp. 68-87.

118) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091327595&doi=10.4018%2fIJGHPC.2020070105&partnerID=40&md5=>

DOI: 10.4018/IJGHPC.2020070105

Document Type: Article

Publication Stage: Final

Source: Scopus

119) Padmavathi, M., Basha, S.M., Krishnaiah, V.V.J.R.

[Load Balancing Algorithm to Reduce Make Span in Cloud Computing by Enhanced Firefly Approach](#)

(2020) Proceedings of the International Conference on Electronics and Sustainable Communication

Systems, ICESC 2020, art. no. 9155662, pp. 896-900.

119) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090861950&doi=10.1109%2fICESC48915.2020.9155662&partnerID=40&md5=>

DOI: 10.1109/ICESC48915.2020.9155662

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

120) Prasad, B., Kundu, S., Pal, P.C., Alam, P.

[Dispersion of Love waves in prestressed double-layered medium over a gravitating half-space](#)

(2020) Arabian Journal of Geosciences, 13 (13), art. no. 500, .

120) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086749353&doi=10.1007%2fs12517-020-05354-2&partnerID=40&md5=>

DOI: 10.1007/s12517-020-05354-2

Document Type: Article

Publication Stage: Final

Source: Scopus

121) Ahmad, N., Sethi, S., Ahmed, M.

[Cache-Aware Query-Broadcast to Improve QoS of Routing Protocols in MANETs](#)

(2020) Wireless Personal Communications, 113 (1), pp. 481-498.

- 121) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083358335&doi=10.1007%2fs11277-020-07225-1&partnerID=40&md5>
DOI: 10.1007/s11277-020-07225-1

Document Type: Article
Publication Stage: Final
Source: Scopus

- 122) Ebrahimi, F., Hosseini, S.H.S., Singhal, A.

[A comprehensive review on the modeling of smart piezoelectric nanostructures](#)

(2020) Structural Engineering and Mechanics, 74 (5), pp. 611-633.

- 122) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096311544&doi=10.12989%2fsem.2020.74.5.611&partnerID=40&md5>
DOI: 10.12989/sem.2020.74.5.611

Document Type: Review
Publication Stage: Final
Source: Scopus

- 123) Khan, M.F., Hasan, M.G., Quddoos, A., Fügenschuh, A., Hasan, S.S.

[Goal programming models with linear and exponential fuzzy preference relations](#)

(2020) Symmetry, 12 (6), art. no. 934, .

- 123) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087464860&doi=10.3390%2fSYM12060934&partnerID=40&md5=1a0>
DOI: 10.3390/SYM12060934

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 124) Sengupta, S., Kumar, P., Makhatha, M.E., Dutt, A.K.

[Effect of Substructure on Hardness and Conductivity of Copper During Annealing](#)

(2020) Transactions of the Indian Institute of Metals, 73 (6), pp. 1543-1547.

- 124) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081892235&doi=10.1007%2fs12666-020-01932-w&partnerID=40&md5>
DOI: 10.1007/s12666-020-01932-w

Document Type: Article
Publication Stage: Final
Source: Scopus

- 125) Mehar, K., Panda, S.K., Devarajan, Y., Choubey, G.

Corrigendum to "Numerical buckling analysis of graded CNT-reinforced composite sandwich shell structure under thermal loading" [Compos. Struct. 216 (2019)

406–414](S0263822318344763)(10.1016/j.compstruct.2019.03.002)

(2020) Composite Structures, 240, art. no. 112064, .

125) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080050963&doi=10.1016%2fj.compstruct.2020.112064&partnerID=40>
DOI: 10.1016/j.compstruct.2020.112064

Document Type: Erratum

Publication Stage: Final

Source: Scopus

126) Vasu, B., Gorla, R.S.R., Murthy, P.V.S.N., Prasad, V.R., Bég, O.A., Siddiqua, S.

[MHD Free Convection-Radiation Interaction in a Porous Medium-Part II: Soret/Dufour Effects](#)

(2020) International Journal of Applied Mechanics and Engineering, 25 (2), pp. 157-175.

126) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091393085&doi=10.2478%2fijame-2020-0027&partnerID=40&md5=e7>
DOI: 10.2478/ijame-2020-0027

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

127) Shariati, A., Barati, M.R., Ebrahimi, F., Singhal, A., Toghroli, A.

[Investigating vibrational behavior of graphene sheets under linearly varying in-plane bending load based on the nonlocal strain gradient theory](#)

(2020) Advances in Nano Research, 8 (4), pp. 265-276.

127) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086125570&doi=10.12989%2fanr.2020.8.4.265&partnerID=40&md5=2>
DOI: 10.12989/anr.2020.8.4.265

Document Type: Article

Publication Stage: Final

Source: Scopus

128) Das, A.K., Jena, S., Sahoo, S., Kuchi, R., Kim, D., Aljohani, T.A., Nayak, G.C., Jeong, J.-R.

[Facile synthesis of NiCo₂O₄ nanorods for electrocatalytic oxidation of methanol](#)

(2020) Journal of Saudi Chemical Society, 24 (5), pp. 434-444.

128) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083192047&doi=10.1016%2fj.jscs.2020.03.007&partnerID=40&md5=7>
DOI: 10.1016/j.jscs.2020.03.007

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

129) Das, T.K., Dwivedy, B., Behera, S.K.

[Design of a meandered line microstrip antenna with a slotted ground plane for RFID applications](#)

(2020) AEU - International Journal of Electronics and Communications, 118, art. no. 153130, .

129) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081138177&doi=10.1016%2fj.aeue.2020.153130&partnerID=40&md5=>

DOI: 10.1016/j.aeue.2020.153130

Document Type: Article

Publication Stage: Final

Source: Scopus

130) Roy, C., Islam, A.

[Characterization of single-ended 9T SRAM cell](#)

(2020) Microsystem Technologies, 26 (5), pp. 1591-1604.

130) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076090924&doi=10.1007%2fs00542-019-04700-z&partnerID=40&md5=>

DOI: 10.1007/s00542-019-04700-z

Document Type: Article

Publication Stage: Final

Source: Scopus

131) Sahoo, P.R., Ghosh, S.

[On computing critical delay for fixed mode radius: Centralized and decentralized control](#)

(2020) Systems and Control Letters, 138, art. no. 104647, .

131) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080974530&doi=10.1016%2fj.sysconle.2020.104647&partnerID=40&md5=>

DOI: 10.1016/j.sysconle.2020.104647

Document Type: Article

Publication Stage: Final

Source: Scopus

132) T., J.P., G., N., N., R., N., K., Nallabala, N.K.R., Kummara, V.K., K., S., Gadige, P.

[Optical and spectroscopic properties of Ho³⁺-doped fluorophosphate glasses for visible lighting applications](#)

(2020) Materials Research Bulletin, 124, art. no. 110753, .

132) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077454984&doi=10.1016%2fj.materresbull.2019.110753&partnerID=40&md5=>

DOI: 10.1016/j.materresbull.2019.110753

Document Type: Article
Publication Stage: Final
Source: Scopus

133) Yalla, N., Babu, N.A., Agarwal, P.

[A New Three-Phase Multipoint Clamped 5L-HPFC with Reduced PSD Count and Switch Stress](#)

(2020) IEEE Transactions on Industrial Electronics, 67 (4), art. no. 8691684, pp. 2532-2543.

133) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076714045&doi=10.1109%2FTIE.2019.2910030&partnerID=40&md5=f>
DOI: 10.1109/TIE.2019.2910030

Document Type: Article
Publication Stage: Final
Source: Scopus

134) Edla, D.R., Tripathi, D., Kuppli, V., Dharavath, R.

[Multilevel Automated Security System for Prevention of Accidents at Unmanned Railway Level Crossings](#)

(2020) Wireless Personal Communications, 111 (3), pp. 1707-1721.

134) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075391527&doi=10.1007%2fs11277-019-06952-4&partnerID=40&md5=f>
DOI: 10.1007/s11277-019-06952-4

Document Type: Article
Publication Stage: Final
Source: Scopus

135) Prasad, E.L., Prasad, M.N.G., Reddy, A.R.

[Hsrnd: High-speed router design for various noc topologies](#)

(2020) Chinese Journal of Electronics, 29 (2), pp. 281-290.

135) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087111994&doi=10.1049%2fcje.2020.01.005&partnerID=40&md5=cb>
DOI: 10.1049/cje.2020.01.005

Document Type: Article
Publication Stage: Final
Source: Scopus

136) Yalla, N., Narendra Babu, A., Agarwal, P.

[A New MPC-5LRSS High Power Factor Converter](#)

(2020) Conference Proceedings - IEEE Applied Power Electronics Conference and Exposition - APEC, 2020-March, art. no. 9124164, pp. 1923-1928.

136) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087779962&doi=10.1109%2fAPEC39645.2020.9124164&partnerID=40>

DOI: 10.1109/APEC39645.2020.9124164

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

137) Narendrababu, A., Yalla, N., Agarwal, P.

[Hybrid 2/3L Inverter with Unequal PV Array Voltages](#)

(2020) Conference Proceedings - IEEE Applied Power Electronics Conference and Exposition -

APEC, 2020-March, art. no. 9124414, pp. 3257-3261.

137) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087749223&doi=10.1109%2fAPEC39645.2020.9124414&partnerID=4>

DOI: 10.1109/APEC39645.2020.9124414

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

138) Kavitha, A., Guravaiah, K., Velusamy, R.L.

[A cluster-based routing strategy using gravitational search algorithm for WSN](#)

(2020) Journal of Computing Science and Engineering, 14 (1), pp. 26-39.

138) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085197189&doi=10.5626%2fJCSE.2020.14.1.26&partnerID=40&md5=>

DOI: 10.5626/JCSE.2020.14.1.26

Document Type: Article

Publication Stage: Final

Source: Scopus

139) Mamatha, K.S., Jilani, S.A.K.

[Smart real time garbage management system](#)

(2020) International Journal of Scientific and Technology Research, 9 (3), pp. 5245-5248.

139) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082630514&partnerID=40&md5=e75409bf4c693802f38337c6393add>

Document Type: Article

Publication Stage: Final

Source: Scopus

140) Gupta, S., Goel, A.

[New bipolar spectral amplitude code for cardinality enhancement in OCDMA network](#)

(2020) Journal of Optics (India), 49 (1), .

140) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081623756&doi=10.1007%2fs12596-020-00589-4&partnerID=40&md5=>

DOI: 10.1007/s12596-020-00589-4

Document Type: Article
Publication Stage: Final
Source: Scopus

141) Viswanath, N.M.K., Ramachandran, S., Reganti, H.R.

[Modeling and predicting the patterns of seasonal rainfall in Tamil Nadu, India 1951–2017: an UCM approach](#)

(2020) Arabian Journal of Geosciences, 13 (5), art. no. 226, .

141) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080079033&doi=10.1007%2fs12517-020-5216-0&partnerID=40&md5=>

DOI: 10.1007/s12517-020-5216-0

Document Type: Article
Publication Stage: Final
Source: Scopus

142) Kumar, S., Yadav, J.S., Kurmi, Y., Baronia, A.

[An efficient image denoising approach to remove random valued impulse noise by truncating data inside sliding window](#)

(2020) 2nd International Conference on Data, Engineering and Applications, IDEA 2020, art. no. 9170689, .

142) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091468122&doi=10.1109%2fIDEA49133.2020.9170689&partnerID=40>

DOI: 10.1109/IDEA49133.2020.9170689

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

143) Muthukumaran, S., Rajakumar, R., Dinesh, K.

[Clustering with classification based identification on diabetics disease to avoid blindness in early stage](#)

(2020) International Journal of Scientific and Technology Research, 9 (2), pp. 1369-1373.

143) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079907281&partnerID=40&md5=d5ffae0021924e36b911924b50dd16a>

Document Type: Article
Publication Stage: Final
Source: Scopus

144) Singh, M.K., Alam, P.

[Surface Wave Analysis in Orthotropic Composite Structure with Irregular Interfaces](#)

(2020) International Journal of Applied and Computational Mathematics, 6 (1), art. no. 13, .

144) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077285558&doi=10.1007%2fs40819-019-0745-5&partnerID=40&md5=>

DOI: 10.1007/s40819-019-0745-5

Document Type: Article

Publication Stage: Final

Source: Scopus

145) Sharma, J.R., Das, G., Roy, A.B., Bose, S., Mukhopadhyay, S.

[Design Analysis of Heterojunction Solar Cells with Aligned AZO Nanorods Embedded in p-type Si wafer](#)

(2020) Silicon, 12 (2), pp. 305-316.

145) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063196934&doi=10.1007%2fs12633-019-00134-4&partnerID=40&md5>

DOI: 10.1007/s12633-019-00134-4

Document Type: Article

Publication Stage: Final

Source: Scopus

146) D, C., Dumka, A., V, D., Loganathan, J.

[Data dissemination for green-VANETs communication: an opportunistic optimization approach](#)

(2020) International Journal of Pervasive Computing and Communications, .

146) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096934037&doi=10.1108%2fIJPC-04-2020-0030&partnerID=40&md5>

DOI: 10.1108/IJPC-04-2020-0030

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

147) Katariya, P.V., Panda, S.K., Mehar, K.

[Theoretical modelling and experimental verification of modal responses of skewed laminated sandwich structure with epoxy-filled softcore](#)

(2020) Engineering Structures, art. no. 111509, .

147) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096581519&doi=10.1016%2fj.engstruct.2020.111509&partnerID=40&md5>

DOI: 10.1016/j.engstruct.2020.111509

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

148) Bhardwaj, L., Mishra, R.K., Shankar, R.

[Investigation of low-density parity check codes concatenated multi-user massive multiple-input multiple-output systems with imperfect channel state information](#)

(2020) Journal of Defense Modeling and Simulation, .

- 148) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096208911&doi=10.1177%2f1548512920968639&partnerID=40&md5=1548512920968639>
DOI: 10.1177/1548512920968639

Document Type: Article
Publication Stage: Article in Press
Source: Scopus

- 149) Raghavendra, H., Suryanarayana Raju, P., Hemachandra Reddy, K.
[Effect of Geometric and Operational Parameters on the Performance of a Beta-Type Stirling Engine: A Numerical Study](#)
(2020) Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, .

- 149) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095956300&doi=10.1007%2fs40997-020-00406-0&partnerID=40&md5=1007%2fs40997-020-00406-0>
DOI: 10.1007/s40997-020-00406-0

Document Type: Review
Publication Stage: Article in Press
Source: Scopus

- 150) Basappa, M.G., Manu, B.
[Enhancement of ametryn biodegradation efficiency using anthraquinone-2,6-disulphonate in anaerobic-aerobic treatment](#)
(2020) Environmental Engineering and Management Journal, 19 (7), pp. 1225-1236.

- 150) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095761800&partnerID=40&md5=bcbeba216c41903d1ab1ab5f4b9f57e>
Document Type: Article
Publication Stage: Final
Source: Scopus

- 151) Ravi, N., Neelima, G., Reddy Nallabala, N.K., Kummara, V.K., Ravanamma, R., Reddy, V.J., Prasanth, M., Suresh, K., Babu, P., Venkatramu, V.
[Role of excitation wavelength and dopant concentration on white light tunability of dysprosium doped titania-fluorophosphate glasses](#)
(2020) Optical Materials, art. no. 110593, .

- 151) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095597409&doi=10.1016%2fj.optmat.2020.110593&partnerID=40&md5=1016%2fj.optmat.2020.110593>
DOI: 10.1016/j.optmat.2020.110593

Document Type: Article
Publication Stage: Article in Press
Source: Scopus

152) Ahmad, N., Hasan, M.G.

[Self-adaptive query-broadcast in wireless ad-hoc networks using fuzzy best worst method](#)

(2020) Wireless Networks, .

152) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094973201&doi=10.1007%2fs11276-020-02477-y&partnerID=40&md5>

DOI: 10.1007/s11276-020-02477-y

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

153) Muhiuddin, G., Al-Kadi, D., Mahboob, A.

[Ideal theory of bck/bci-algebras based on hybrid structures](#)

(2020) Journal of Mathematics and Computer Science, 23 (2), pp. 136-144.

153) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094929461&doi=10.22436%2fjmcs.023.02.06&partnerID=40&md5=99>

DOI: 10.22436/jmcs.023.02.06

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

154) Thirugnanasambandam, K., Raghav, R.S., Loganathan, J., Dumka, A., Dhilipkumar, V.

[Optimal path planning for intelligent automated wheelchair using DDSRPSO](#)

(2020) International Journal of Pervasive Computing and Communications, .

154) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094837730&doi=10.1108%2fIJPC-05-2020-0033&partnerID=40&md5>

DOI: 10.1108/IJPC-05-2020-0033

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

155) Huifeng, W., Shankar, A., Vivekananda, G.N.

[Modelling and simulation of sprinters' health promotion strategy based on sports biomechanics](#)

(2020) Connection Science, .

155) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094835256&doi=10.1080%2f09540091.2020.1807467&partnerID=40&md5>

DOI: 10.1080/09540091.2020.1807467

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

156) Das, A., Patel, S.K., Arakha, M., Dey, A., Biswal, B.B.

[Processing of hardened steel by MQL technique using nano cutting fluids](#)

(2020) Materials and Manufacturing Processes, .

156) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094591552&doi=10.1080%2f10426914.2020.1832688&partnerID=40&>

DOI: 10.1080/10426914.2020.1832688

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

157) Mahadevan, A., Arock, M.

[A class imbalance-aware review rating prediction using hybrid sampling and ensemble learning](#)

(2020) Multimedia Tools and Applications, .

157) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093976381&doi=10.1007%2fs11042-020-10024-2&partnerID=40&md5=5>

DOI: 10.1007/s11042-020-10024-2

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

158) Shekhar, S., Hoque, S., Arif, W.

[Analysis of spectrum handoff delay using finite queuing model in cognitive radio networks](#)

(2020) International Journal of Communication Networks and Distributed Systems, 25 (3), pp.

249-264.

158) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093363185&doi=10.1504%2fIJCNDS.2020.109552&partnerID=40&md5=5>

DOI: 10.1504/IJCNDS.2020.109552

Document Type: Article

Publication Stage: Final

Source: Scopus

159) Tharehallimata, G., Mokenapalli, V.

[Transverse dynamic analysis of semi-active quarter car model controlled with an optimal conventional controller](#)

(2020) International Journal of Vehicle Performance, 6 (3), pp. 310-326.

159) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093356640&doi=10.1504%2fIJVP.2020.109194&partnerID=40&md5=5>

DOI: 10.1504/IJVP.2020.109194

Document Type: Article

Publication Stage: Final

Source: Scopus

160) Perumal, A., Azhagurajan, A., Prithvirajan, R., Kumar, S.S.

[Experimental Investigation and Optimization of Process Parameters in Ti – \(6242\) Alpha–Beta Alloy Using Electrical Discharge Machining](#)

(2020) Journal of Inorganic and Organometallic Polymers and Materials, .

160) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093118299&doi=10.1007%2fs10904-020-01786-1&partnerID=40&md5=69>

DOI: 10.1007/s10904-020-01786-1

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

161) Thirugnanasambandam, K., Sudha, S.V., Saravanan, D., Ravi, R.V., Anguraj, D.K., Raghav, R.S.

[Reinforced Cuckoo Search based fugitive landfill methane emission estimation](#)

(2020) Environmental Technology and Innovation, art. no. 101207, .

161) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092903386&doi=10.1016%2fj.eti.2020.101207&partnerID=40&md5=69>

DOI: 10.1016/j.eti.2020.101207

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

162) Sivalingam, V., Zhuoliang, Z., Jie, S., Baskaran, S., Yuvaraj, N., Gupta, M.K., Aqib, M.K.

[Use of Atomized Spray Cutting Fluid Technique for the Turning of a Nickel Base Superalloy](#)

(2020) Materials and Manufacturing Processes, .

162) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092787183&doi=10.1080%2f10426914.2020.1832687&partnerID=40&md5=69>

DOI: 10.1080/10426914.2020.1832687

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

163) Goyal, J.K., Aggarwal, S., Sahoo, P.R., Ghosh, S., Kamal, S.

[Design of Robust PID Controller using Static Output Feedback framework](#)

(2020) IFAC-PapersOnLine, 53 (1), pp. 13-18.

163) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092441104&doi=10.1016%2fj.ifacol.2020.06.003&partnerID=40&md5=69>

DOI: 10.1016/j.ifacol.2020.06.003

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

164) Kurmi, Y., Gangwar, S., Agrawal, D., Kumar, S., Srivastava, H.S.

[Leaf image analysis-based crop diseases classification](#)

(2020) Signal, Image and Video Processing, .

164) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092348728&doi=10.1007%2fs11760-020-01780-7&partnerID=40&md5>

DOI: 10.1007/s11760-020-01780-7

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

165) Sambasiva Rao, K., Beatriceveena, T.V., Angani, C.S., Agarwal, L.

[Novel time-domain parameters for detection and classification of flaws using pulsed eddy current technique](#)

(2020) Journal of Magnetism, 25 (3), pp. 434-439.

165) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091989597&doi=10.4283%2fJMAG.2020.25.3.434&partnerID=40&md5>

DOI: 10.4283/JMAG.2020.25.3.434

Document Type: Article

Publication Stage: Final

Source: Scopus

166) Marinov, Y.G., Hadjichristov, G.B., Vlahov, T.E., Koduru, H.K., Scaramuzza, N.

[Electrochemical impedance and dielectric spectroscopy study of TiO₂-nanofilled PEO/PVP/NaIO₄ ionic polymer electrolytes](#)

(2020) Bulgarian Chemical Communications, 52, pp. 57-61.

166) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091646383&partnerID=40&md5=0c2799effc99f17b85f5728c082cfc90>

Document Type: Article

Publication Stage: Final

Source: Scopus

167) Reddy, B.P., Mallikarjuna, K., Kumar, M., Sekhar, M.C., Suh, Y., Park, S.-H.

[Highly porous metal organic framework derived NiO hollow spheres and flowers for oxygen evolution reaction and supercapacitors](#)

(2020) Ceramics International, .

167) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091510232&doi=10.1016%2fj.ceramint.2020.09.172&partnerID=40&md5>

DOI: 10.1016/j.ceramint.2020.09.172

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

168) Ye, C., Song, X., Vivekananda, G.N., Savitha, V.

[Intelligent physical systems for strategic planning and management of enterprise information](#)

(2020) Peer-to-Peer Networking and Applications, .

168) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091138031&doi=10.1007%2fs12083-020-00966-7&partnerID=40&md5>

DOI: 10.1007/s12083-020-00966-7

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

169) Shankar, R.

[Examination of a non-orthogonal multiple access scheme for next generation wireless networks](#)

(2020) Journal of Defense Modeling and Simulation, .

169) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090948791&doi=10.1177%2f1548512920951277&partnerID=40&md5>

DOI: 10.1177/1548512920951277

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

170) Md. Hidayathulla Khan, B., Abdul Gaffar, S., Anwar Beg, O., Kadir, A., Ramesh Reddy, P.

[Computation of eyring-powell micropolar convective boundary layer flow from an inverted non-isothermal cone: Thermal polymer coating simulation](#)

(2020) Computational Thermal Sciences, 12 (4), pp. 329-344.

170) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090672616&doi=10.1615%2fcomputthermalsci.2020033860&partne>

DOI: 10.1615/computthermalsci.2020033860

Document Type: Article

Publication Stage: Final

Source: Scopus

171) Suresh, S., Gowd, G.H., Devakumar, M.L.S.

[Wear behavior of Al 7075/Al₂O₃/SiC Hybrid NMMC's by Stir Casting Method](#)

(2020) Materials Today: Proceedings, 24, pp. 261-272.

171) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090594913&doi=10.1016%2fj.matpr.2020.04.275&partnerID=40&md5>

DOI: 10.1016/j.matpr.2020.04.275

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

172) Suresh, S., Gowd, G.H., Devakumar, M.L.S.

[Mechanical and wear Characteristics of Aluminium Alloy 7075 Reinforced with Nano-Aluminium Oxide/ Magnesium Particles by Stir casting Method](#)

(2020) Materials Today: Proceedings, 24, pp. 273-283.

172) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090551820&doi=10.1016%2fj.matpr.2020.04.276&partnerID=40&md5>

DOI: 10.1016/j.matpr.2020.04.276

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

173) Chitti Babu, Y., Su, S., Kalpana, R., Nithya, M.

[A heuristic data aggregation in heterogeneous low power devices for internet of things](#)

(2020) Journal of Critical Reviews, 7 (14), pp. 51-57.

173) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090293001&doi=10.31838%2fjcr.07.14.07&partnerID=40&md5=36689>

DOI: 10.31838/jcr.07.14.07

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

174) Arun, I., Yuvaraj, C., Madhu, A., Ramesh, T.

[A comparison on microstructure and mechanical properties of electric discharge metal matrix nickel and silica composite coating on duplex stainless steel](#)

(2020) Journal of Composite Materials, .

174) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089974561&doi=10.1177%2f0021998320953882&partnerID=40&md5>

DOI: 10.1177/0021998320953882

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

175) Yantrapalli, S., Hari Krishna, P.

[A Study on Influence of Organic Ligand on the Adsorption of Lead by Clayey Soil](#)

(2020) Lecture Notes in Civil Engineering, 71, pp. 301-316.

175) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089572045&doi=10.1007%2f978-981-15-3662-5_25&partnerID=40&md5

DOI: 10.1007/978-981-15-3662-5_25

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

176) Kumar, V.

[Evaluation of computationally intelligent techniques for breast cancer diagnosis](#)

(2020) Neural Computing and Applications, .

176) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088306384&doi=10.1007%2fs00521-020-05204-y&partnerID=40&md5>

DOI: 10.1007/s00521-020-05204-y

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

177) Karthik, A., Amarnath, A., Manohar Reddy, T.M., Krishna, V.T., Pavan Kumar, A.V.

[IoT-Based Automatic Irrigation Control](#)

(2020) Lecture Notes in Electrical Engineering, 665, pp. 841-849.

177) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088228544&doi=10.1007%2f978-981-15-5262-5_63&partnerID=40&md5

DOI: 10.1007/978-981-15-5262-5_63

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

178) Pavan Kumar, A.V., Sai Varun, Y.

[MPPT-Based Inverter Control of Grid-Connected PV-Wind Hybrid Power System](#)

(2020) Lecture Notes in Electrical Engineering, 665, pp. 43-55.

178) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088226438&doi=10.1007%2f978-981-15-5262-5_4&partnerID=40&md5

DOI: 10.1007/978-981-15-5262-5_4

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

179) Kavya Deepthi, B., Kolluru, V.R., Varghese, G.T., Narne, R., Srimannarayana, N.

[IoT based smart environment using node-red and MQTT](#)

(2020) Journal of Advanced Research in Dynamical and Control Systems, 12 (5), pp. 21-26.

179) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088213952&doi=10.5373%2fJARDCS%2fV12I5%2f20201684&partnerID=40&md5>

DOI: 10.5373/JARDCS/V12I5/20201684

Document Type: Article

Publication Stage: Final

Source: Scopus

180) Shaik, B., Harinath Gowd, G., Durgaprasad, B.

[Parametric Investigations on Friction Stir Welding of Aluminium Alloys](#)

(2020) Lecture Notes in Mechanical Engineering, pp. 333-345.

180) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087847836&doi=10.1007%2f978-981-32-9931-3_33&partnerID=40&md5=

DOI: 10.1007/978-981-32-9931-3_33

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

181) Madhavi, K., Prasad, V.R., Gaffar, S.A.

[Darcy flow of polymer from an inclined plane with convective heat transfer analysis: a numerical study](#)

(2020) Journal of Thermal Analysis and Calorimetry, .

181) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087408879&doi=10.1007%2fs10973-020-09942-y&partnerID=40&md5=>

DOI: 10.1007/s10973-020-09942-y

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

182) Anitha, P., Ramanathan, P.

[Investigation of techniques to recognize optimal power structuring of vedic multiplier](#)

(2020) Lecture Notes in Electrical Engineering, 656, pp. 89-97.

182) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087003655&doi=10.1007%2f978-981-15-3992-3_8&partnerID=40&md5=

DOI: 10.1007/978-981-15-3992-3_8

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

183) Vivekananda, G.N., Swathi, R., Sujith, A.V.L.N.

[Multi-temporal image analysis for LULC classification and change detection](#)

(2020) European Journal of Remote Sensing, .

183) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086838272&doi=10.1080%2f22797254.2020.1771215&partnerID=40&md5=>

DOI: 10.1080/22797254.2020.1771215

Document Type: Article

Publication Stage: Article in Press

Access Type: Open Access

Source: Scopus

184) Shankar, R., Bhardwaj, L., Mishra, R.K.

[Analysis of selective-decode and forward relaying protocol over \$\kappa\$ - \$\mu\$ Fading channel distribution](#)

(2020) Journal of Telecommunications and Information Technology, (1), pp. 21-30.

184) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086653152&doi=10.26636%2ftit.2020.135919&partnerID=40&md5=43>

DOI: 10.26636/jtit.2020.135919

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

185) Bojjagani, S., Brabin, D.R.D., Rao, P.V.V.

[PhishPreventer: A Secure Authentication Protocol for Prevention of Phishing Attacks in Mobile Environment with Formal Verification](#)

(2020) Procedia Computer Science, 171, pp. 1110-1119.

185) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086632409&doi=10.1016%2fj.procs.2020.04.119&partnerID=40&md5=43>

DOI: 10.1016/j.procs.2020.04.119

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

186) Jain, S., Hote, Y.V., Dehuri, P., Mittal, D., Siddhartha, V.

[Experimental validation of fractional order internal model controller design on buck and boost converter](#)

(2020) Measurement and Control (United Kingdom), .

186) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085573367&doi=10.1177%2f0020294020922264&partnerID=40&md5=43>

DOI: 10.1177/0020294020922264

Document Type: Article

Publication Stage: Article in Press

Access Type: Open Access

Source: Scopus

187) Mythili, T., Ramesh, J., Ramanathan, P.

[Innovative localization algorithm using the line of intersection technique in wireless sensor networks](#)

(2020) Journal of Internet Technology, 21 (2), pp. 425-433.

187)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084924745&doi=10.3966%2f160792642020032102011&partnerID=40>

DOI: 10.3966/160792642020032102011

Document Type: Article

Publication Stage: Final

Source: Scopus

188) Bopche, G.S., Rai, G.N., Brabin, D.R.D., Mehtre, B.M.

[A Proximity-Based Measure for Quantifying the Risk of Vulnerabilities](#)

(2020) Communications in Computer and Information Science, 1208 CCIS, pp. 41-59.

188) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084848601&doi=10.1007%2f978-981-15-4825-3_4&partnerID=40&md

DOI: 10.1007/978-981-15-4825-3_4

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

189) De, A., Roy, B., Bhattacharya, A., Bharat, G.V., Bhattacharjee, A.K.

[Compact UWB monopole antenna with WLAN and X-band satellite filtering characteristics](#)

(2020) Proceedings of International Conference on Computation, Automation and Knowledge

Management, ICCAKM 2020, art. no. 9051455, pp. 344-347.

189) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083504918&doi=10.1109%2fICCAKM46823.2020.9051455&partnerID>

DOI: 10.1109/ICCAKM46823.2020.9051455

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

190) Ranjan Mohanty, P., Harshavardhan Reddy, C.V.

[Design and Analysis of PV-Based DSTATCOM with LCL Filter for Localized Distribution System](#)

(2020) Lecture Notes in Electrical Engineering, 626, pp. 357-365.

190) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083345601&doi=10.1007%2f978-981-15-2256-7_35&partnerID=40&md

DOI: 10.1007/978-981-15-2256-7_35

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

191) Isanaka, B.R., Abdul Akbar, M., Kushvaha, V., Mishra, B.P.

[Static analysis of thin plates: Bare and stiffened](#)

(2020) INCAS Bulletin, 12 (1), pp. 67-81.

- 191) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082406963&doi=10.13111%2f2066-8201.2020.12.1.7&partnerID=40&DOI: 10.13111/2066-8201.2020.12.1.7](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082406963&doi=10.13111%2f2066-8201.2020.12.1.7&partnerID=40&DOI:10.13111/2066-8201.2020.12.1.7)

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 192) Pavithra, D., Jayanthi, A.N., Nidhya, R.
[Comparison of Machine Learning Methods for Effective Autism Diagnosis](#)
(2020) Advances in Intelligent Systems and Computing, 1118, pp. 629-637.

- 192) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082299844&doi=10.1007%2f978-981-15-2475-2_58&partnerID=40&DOI: 10.1007/978-981-15-2475-2_58](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082299844&doi=10.1007%2f978-981-15-2475-2_58&partnerID=40&DOI:10.1007/978-981-15-2475-2_58)

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

- 193) Murthy, K.V.N., Kishore Kumar, G.
[Structural time-series modelling for seasonal surface air temperature patterns in India 1951–2016](#)
(2020) Meteorology and Atmospheric Physics, .

- 193) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081406073&doi=10.1007%2fs00703-020-00732-7&partnerID=40&DOI: 10.1007/s00703-020-00732-7](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081406073&doi=10.1007%2fs00703-020-00732-7&partnerID=40&DOI:10.1007/s00703-020-00732-7)

Document Type: Article
Publication Stage: Article in Press
Source: Scopus

- 194) Kashwan, K.R.
[High Gain Patch Array Antenna for 5G Network Communication and IoT Applications](#)
(2020) Advances in Intelligent Systems and Computing, 1122 AISC, pp. 126-132.

- 194) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080947978&doi=10.1007%2f978-3-030-39875-0_13&partnerID=40&DOI: 10.1007/978-3-030-39875-0_13](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080947978&doi=10.1007%2f978-3-030-39875-0_13&partnerID=40&DOI:10.1007/978-3-030-39875-0_13)

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

- 195) Xu, X., Sun, W., Vivekananda, G.N., Shankar, A.

[Achieving concurrency in cloud-orchestrated Internet of Things for resource sharing through multiple concurrent access](#)

(2020) Computational Intelligence, .

195) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080893638&doi=10.1111%2fcoin.12296&partnerID=40&md5=40aece>

DOI: 10.1111/coin.12296

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

196) Padhan, S., Das, A., Santoshwar, A., Dharmendrabhai, T.R., Das, S.R.

[Sustainability Assessment and Machinability Investigation of Austenitic Stainless Steel in Finish Turning with Advanced Ultra-Hard SiAlON Ceramic Tool under Different Cutting Environments](#)

(2020) Silicon, .

196) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079715795&doi=10.1007%2fs12633-020-00409-1&partnerID=40&md5>

DOI: 10.1007/s12633-020-00409-1

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

197) Gupta, N., Mathew, A., Khandelwal, S.

[Spatio-temporal impact assessment of land use / land cover \(LU-LC\) change on land surface temperatures over Jaipur city in India](#)

(2020) International Journal of Urban Sustainable Development, .

197) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079708161&doi=10.1080%2f19463138.2020.1727908&partnerID=40&md5>

DOI: 10.1080/19463138.2020.1727908

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

198) Padmanabha Reddy, Y.C.A., Mohan Krishna Varma, N.

[Review on supervised learning techniques](#)

(2020) Advances in Intelligent Systems and Computing, 1054, pp. 577-587.

198) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079672264&doi=10.1007%2f978-981-15-0135-7_53&partnerID=40&md5

DOI: 10.1007/978-981-15-0135-7_53

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

199) Sudhakar, R., Venkateswara Rao, P.V., Mohan Krishna Varma, N.

[Novel probabilistic clustering with adaptive actor critic neural network \(AACN\) for intrusion detection techniques](#)

(2020) Advances in Intelligent Systems and Computing, 1054, pp. 561-566.

199) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079647558&doi=10.1007%2f978-981-15-0135-7_51&partnerID=40&md5=10.1007/978-981-15-0135-7_51

DOI: 10.1007/978-981-15-0135-7_51

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

200) Tripathi, D., Manoj, I., Raja Prasanth, G., Neeraja, K., Varma, M.K., Ramachandra Reddy, B.

[Survey on classification and feature selection approaches for disease diagnosis](#)

(2020) Advances in Intelligent Systems and Computing, 1054, pp. 567-576.

200) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079612741&doi=10.1007%2f978-981-15-0135-7_52&partnerID=40&md5=10.1007/978-981-15-0135-7_52

DOI: 10.1007/978-981-15-0135-7_52

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

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Documents

Export Date: 11 Dec 2020

Search: AF-ID("Madanapalle Institute of Technology & Science" 60...

201) Reddy, N.N.K., Kukkambakam, C., Manjunath, V., Reddy, V.R.M.

[Analysis of Double Gaussian Distribution at the Interface of Ni/Ta₂O₅/P-Si Schottky Barrier Diodes Using Temperature Dependent Current-Voltage \(I-V\) Measurements](#)

(2020) Silicon, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079373004&doi=10.1007%2fs12633-020-00407-3&partnerID=40&md5>

DOI: 10.1007/s12633-020-00407-3

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

202) Eftekhari, A., Ramanujam, B.

[Erratum: In pursuit of catalytic cathodes for lithium-oxygen batteries \(Journal of Materials Chemistry A \(2017\) 5 \(7710-7731\) DOI: 10.1039/C7TA01124E\)](#)

(2020) Journal of Materials Chemistry A, 8 (3), p. 1481.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079216536&doi=10.1039%2fc9ta90301a&partnerID=40&md5=1970bd>

DOI: 10.1039/c9ta90301a

Document Type: Erratum

Publication Stage: Final

Access Type: Open Access

Source: Scopus

203) Lakshmi, B.R., Hampamma, G., Chitra, V.B.

[Disjuncture between the power and truths in Indira Ganesan's "The Journey"](#)

(2020) International Journal of Scientific and Technology Research, 9 (1), pp. 1241-1242.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078750002&partnerID=40&md5=264d824024d0c78ee7c73d11682f71>

Document Type: Article

Publication Stage: Final

Source: Scopus

204) Bharathi, V.C., Veningston, K., Venkateswara Rao, P.V.

[Query-Based Word Spotting in Handwritten Documents Using HMM](#)

(2020) Advances in Intelligent Systems and Computing, 1079, pp. 31-39.

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078460982&doi=10.1007%2f978-981-15-1097-7_4&partnerID=40&md5

DOI: 10.1007/978-981-15-1097-7_4

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

205) Daneti, S.B., Bagadi, M., Dasari, P.K.

[Thick Section Casting Specifications and Practices in Singapore](#)

(2020) Lecture Notes in Civil Engineering, 61, pp. 165-176.

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078101470&doi=10.1007%2f978-981-15-1404-3_15&partnerID=40&md5=

DOI: 10.1007/978-981-15-1404-3_15

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

206) Agarwal, L., Singh, B.K., Tripathi, S., Chakrabarti, P.

[Work Function Estimation of Copper-Doped ZnO Thin Film](#)

(2020) Lecture Notes in Electrical Engineering, 587, pp. 639-646.

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076858582&doi=10.1007%2f978-981-32-9775-3_58&partnerID=40&md5=

DOI: 10.1007/978-981-32-9775-3_58

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

207) Saikrishnan, V., Karthikeyan, A., Beemkumar, N., Ganesan, S., Yuvarajan, D.

[The thermal performance analyses of the solar energy-powered thermal energy storage system with MgCl₂·6H₂O as PCM](#)

(2020) Journal of the Brazilian Society of Mechanical Sciences and Engineering, 42 (1), art. no. 31, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076847063&doi=10.1007%2fs40430-019-2106-z&partnerID=40&md5=>

DOI: 10.1007/s40430-019-2106-z

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

208) Veningston, K., Venkateswara Rao, P.V.

[An Efficient Privacy-Preserving Search Technique for Encrypted Cloud Data](#)

(2020) Advances in Intelligent Systems and Computing, 1013, pp. 96-106.

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075644987&doi=10.1007%2f978-981-32-9186-7_11&partnerID=40&md5=

DOI: 10.1007/978-981-32-9186-7_11

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

209) Singh, K.S., Bhaskaran, P.K.

[Prediction of landfalling Bay of Bengal cyclones during 2013 using the high resolution Weather Research and Forecasting model](#)

(2020) Meteorological Applications, 27 (1), art. no. e1850, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075030367&doi=10.1002%2fmet.1850&partnerID=40&md5=918b7468>

DOI: 10.1002/met.1850

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

210) Itharajula, M.

[Air pollutants level detection and control in vehicle using an intelligent system](#)

(2020) Lecture Notes in Electrical Engineering, 569, pp. 581-589.

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073372230&doi=10.1007%2f978-981-13-8942-9_48&partnerID=40&md5=918b7468

DOI: 10.1007/978-981-13-8942-9_48

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

211) Gaffar, S.A., Reddy, P.R., Prasad, V.R., Rao, A.S., Khan, B.M.H.

[Viscoelastic micropolar convection flows from an inclined plane with nonlinear temperature: A numerical study](#)

(2020) Journal of Applied and Computational Mechanics, 6 (2), pp. 183-199.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073143873&doi=10.22055%2fJACM.2019.28695.1498&partnerID=40&md5=918b7468>

DOI: 10.22055/JACM.2019.28695.1498

Document Type: Article

Publication Stage: Final

Source: Scopus

Search: AF-ID("Madanapalle Institute of Technology & Science" 60107346) AND (LIMIT-TO (

PUBYEAR,2020))