

**Record 1 of 126****Title:** A Novel LMMSE-EM Channel Estimator for High Mobility STBC-OFDM System**Author(s):** Patra, JP (Patra, Jyoti Prasanna); Singh, P (Singh, Poonam)**Source:** JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS **Volume:** 28 **Issue:** 13 **Article Number:** 1950223 **DOI:** 10.1142/S0218126619502232 **Published:** DEC 15 2019**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000506861700012**Document Type:** Article**Addresses:** [Patra, Jyoti Prasanna] Madanapalle Inst Technol & Sci, Dept Elect & Commun Engn, Madanapalle, Andhra Pradesh, India.

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**ISSN:** 0218-1266**eISSN:** 1793-6454**Record 2 of 126****Title:** Comparative study of the flexoelectricity effect with a highly/weakly interface in distinct piezoelectric materials (PZT-2, PZT-4, PZT-5H, LiNbO<sub>3</sub>, BaTiO<sub>3</sub>)**Author(s):** Singhal, A (Singhal, Abhinav); Sedighi, HM (Sedighi, Hamid Mohammad); Ebrahimi, F (Ebrahimi, Farzad); Kuznetsova, I (Kuznetsova, Iren)**Source:** WAVES IN RANDOM AND COMPLEX MEDIA **DOI:** 10.1080/17455030.2019.1699676 **Early Access Date:** DEC 2019**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000503131700001**Document Type:** Article; Early Access**Addresses:** [Singhal, Abhinav] Madanapalle Inst Technol & Sci, Dept Math, Angallu, India.

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**ISSN:** 1745-5030**eISSN:** 1745-5049**Record 3 of 126****Title:** The thermal performance analyses of the solar energy-powered thermal energy storage system with MgCl<sub>2</sub> center dot 6H(2)O as PCM**Author(s):** Saikrishnan, V (Saikrishnan, V); Karthikeyan, A (Karthikeyan, A.); Beemkumar, N (Beemkumar, N.); Ganesan, S (Ganesan, S.); Yuvarajan, D (Yuvarajan, D.)**Source:** JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING **Volume:** 42 **Issue:** 1 **DOI:** 10.1007/s40430-019-2106-z **Published:** DEC 9 2019**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000528887800004**Document Type:** Article**Addresses:** [Saikrishnan, V; Karthikeyan, A.; Ganesan, S.] Sathyabama Inst Sci & Technol, Dept Mech Engn, Chennai, Tamil Nadu, India.

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**Record 4 of 126****Title:** Effect of novel hybrid texture tool on turning process performance in MQL machining of Inconel 718 superalloy**Author(s):** Sivaiah, P (Sivaiah, P.); Kumar, GVA (Ajay Kumar, Venakata G.); Singh, MM (Singh, Muralidhar M.); Kumar, H (Kumar, Harinandan)**Source:** MATERIALS AND MANUFACTURING PROCESSES **Volume:** 35 **Issue:** 1 **Pages:** 61-71 **DOI:** 10.1080/10426914.2019.1697444 **Early Access Date:** DEC 2019 **Published:** JAN 2 2020**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:000500147200001**Document Type:** Article**Addresses:** [Sivaiah, P.; Singh, Muralidhar M.] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle 517325, India.

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**Record 5 of 126****Title:** Characterization of single-ended 9T SRAM cell**Author(s):** Roy, C (Roy, Chandramauleswar); Islam, A (Islam, Aminul)**Source:** MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS **Volume:** 26 **Issue:** 5 **Pages:** 1591-1604 **DOI:** 10.1007/s00542-019-04700-z **Early Access Date:** DEC 2019 **Published:** MAY 2020**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000499979300004**Document Type:** Article**Addresses:** [Roy, Chandramauleswar] Madanapalle Inst Technol & Sci, Dept ECE, Madanapalle 517325, Andhra Pradesh, India.

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**Record 6 of 126****Title:** Multiobjective optimization of sustainable turning process using TOPSIS method**Author(s):** Sivaiah, P (Sivaiah, Potta); Uma, B (Uma, Bodicherla)**Source:** EMERGING MATERIALS RESEARCH **Volume:** 8 **Issue:** 4 **Pages:** 686-695 **DOI:** 10.1680/jemmr.17.00029 **Published:** DEC 2019**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000509386300022**Document Type:** Article**Addresses:** [Sivaiah, Potta] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle, India.

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**Record 7 of 126****Title:** Hybrid Network Intrusion Detection System for Smart Environments Based on Internet of Things**Author(s):** Subbarayalu, V (Subbarayalu, Venkatraman); Surendiran, B (Surendiran, B.); Kumar, PAR (Kumar, P. Arun Raj)**Source:** COMPUTER JOURNAL **Volume:** 62 **Issue:** 12 **Pages:** 1822-1839 **DOI:** 10.1093/comjnl/bxz082 **Published:** DEC 2019**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000506812400008**Document Type:** Article**Addresses:** [Subbarayalu, Venkatraman] Madanapalle Inst Technol & Sci, Dept Comp Sci & Technol, Madanapalle 517325, India.

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ISSN: 0010-4620

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#### Record 8 of 126

**Title:** Experimental assessment of performance and exhaust emission characteristics of a diesel engine fuelled with Punnai biodiesel/butanol fuel blends

**Author(s):** Devarajan, Y (Devarajan, Yuvarajan); Munuswamy, D (Munuswamy, Dineshbabu); Nagappan, B (Nagappan, Beemkumar); Subbiah, G (Subbiah, Ganesan)

**Source:** PETROLEUM SCIENCE **Volume:** 16 **Issue:** 6 **Pages:** 1471-1478 **DOI:** 10.1007/s12182-019-00361-9 **Published:** DEC 2019

**Times Cited in Web of Science Core Collection:** 25

**Total Times Cited:** 25

**Accession Number:** WOS:000505804600017

**Document Type:** Article

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ISSN: 1672-5107

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#### Record 9 of 126

**Title:** Influence of the secondary flow control on the transverse gaseous injection flow field properties in a supersonic flow

**Author(s):** Dong, MZ (Dong, Min-zhou); Liao, J (Liao, Jun); Choubey, G (Choubey, Gautam); Huang, W (Huang, Wei)

**Source:** ACTA ASTRONAUTICA **Volume:** 165 **Pages:** 150-157 **DOI:** 10.1016/j.actaastro.2019.08.028 **Published:** DEC 2019

**Times Cited in Web of Science Core Collection:** 10

**Total Times Cited:** 10

**Accession Number:** WOS:000501416500014

**Document Type:** Article

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#### Record 10 of 126

**Title:** On the transference of Love-type waves in pre-stressed PZT-5H material stick on SiO<sub>2</sub> material with irregularity

**Author(s):** Saroj, PK (Saroj, Pradeep Kumar); Sahu, SA (Sahu, Sanjeev A.); Singhal, A (Singhal, Abhinav); Abo-Dahab, SM (Abo-Dahab, S. M.)

**Source:** MATERIALS RESEARCH EXPRESS **Volume:** 6 **Issue:** 12 **Article Number:** 125703 **DOI:** 10.1088/2053-1591/ab5544 **Published:** DEC 2019

**Times Cited in Web of Science Core Collection:** 0

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**Accession Number:** WOS:000499906300001

**Document Type:** Article

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#### Record 11 of 126

**Title:** Evaluation of hybrid textured tool performance under minimum quantity lubrication while turning of AISI 304 steel

**Author(s):** Sivaiah, P (Sivaiah, P.)

**Source:** JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING **Volume:** 41 **Issue:** 12 **Article Number:** 571 **DOI:**

10.1007/s40430-019-2069-0 **Published:** DEC 2019

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**Total Times Cited:** 1

**Accession Number:** WOS:000498562700003

**Document Type:** Article

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**ISSN:** 1678-5878

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#### Record 12 of 126

**Title:** AN ASSESSMENT ON ELECTRICAL CHARACTERIZATION OF Ni/n-Si SCHOTTKY RECTIFIERS WITH AND WITHOUT Ta<sub>2</sub>O<sub>5</sub> INTERFACIAL OXIDE LAYER

**Author(s):** Reddy, NNK (Reddy, N. Nanda Kumar); Ananda, P (Ananda, P.); Verma, VK (Verma, V. K.); Bakash, KR (Bakash, K. Rahim)

**Source:** SURFACE REVIEW AND LETTERS **Volume:** 26 **Issue:** 10 **Article Number:** 1950073 **DOI:** 10.1142/S0218625X19500732 **Published:** DEC 2019

**Times Cited in Web of Science Core Collection:** 1

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**Document Type:** Article

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#### Record 13 of 126

**Title:** Comparative study on the efficacy of the UHMWPE surface modification by chemical etching and electrostatic spraying method for drug release by orthopedic implants

**Author(s):** Kumar, RM (Kumar, R. Manoj); Haldar, S (Haldar, Swati); Rajesh, K (Rajesh, K.); Ghosh, S (Ghosh, Souvik); Lahiri, D (Lahiri, Debrupa)

**Source:** MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS **Volume:** 105 **Article Number:** 110117 **DOI:**

10.1016/j.msec.2019.110117 **Published:** DEC 2019

**Times Cited in Web of Science Core Collection:** 5

**Total Times Cited:** 5

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**Document Type:** Article

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#### Record 14 of 126

**Title:** Decision support system toward evaluation of resilient supplier A novel fuzzy gain-loss computational approach

**Author(s):** Wang, W (Wang, Wei); Huang, L (Huang, Li); Zhu, YL (Zhu, Yuliang); Jiang, LP (Jiang, Liupeng); Sahu, AK (Sahu, Anoop Kumar); Sahu, AK (Sahu, Atul Kumar); Sahu, NK (Sahu, Nitin Kumar)

**Source:** KYBERNETES **Volume:** 49 **Issue:** 6 **Pages:** 1741-1765 **DOI:** 10.1108/K-05-2019-0345 **Early Access Date:** NOV 2019 **Published:** NOV 23 2019

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**ISSN:** 0368-492X

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#### Record 15 of 126

**Title:** A New Natural Cellulosic Pigeon Pea (*Cajanus cajan*) Pod Fiber Characterization for Bio-degradable Polymeric Composites

**Author(s):** Kumar, RS (Kumar, R. Shyam); Balasundar, P (Balasundar, P.); Al-Dhabi, NA (Al-Dhabi, Naif Abdullah); Prithivirajan, R (Prithivirajan, R.); Ramkumar, T (Ramkumar, T.); Bhat, KS (Bhat, K. Subrahmanya); Senthil, S (Senthil, S.); Narayanasamy, P (Narayanasamy, P.)

**Source:** JOURNAL OF NATURAL FIBERS **DOI:** 10.1080/15440478.2019.1689887 **Early Access Date:** NOV 2019

**Times Cited in Web of Science Core Collection:** 2

**Total Times Cited:** 2

**Accession Number:** WOS:000496097700001

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**ISSN:** 1544-0478

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#### Record 16 of 126

**Title:** Prediction of landfalling Bay of Bengal cyclones during 2013 using the high resolution Weather Research and Forecasting model

**Author(s):** Singh, KS (Singh, K. S.); Bhaskaran, PK (Bhaskaran, Prasad K.)

**Source:** METEOROLOGICAL APPLICATIONS **Volume:** 27 **Issue:** 1 **DOI:** 10.1002/met.1850 **Early Access Date:** NOV 2019 **Published:** JAN 2020

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#### Record 17 of 126

**Title:** One pot Green Synthesis of Nano magnesium oxide-carbon composite: Preparation, characterization and application towards anthracene adsorption

**Author(s):** Jagadeesan, AK (Jagadeesan, Aravind Kumar); Duvuru, JA (Duvuru, Joshua Amarnath); Jabasingh, SA (Jabasingh, Anuradha S.); Ponnusamy, SK (Ponnusamy, Senthil Kumar); Kabali, VA (Kabali, Vijai Anand); Gopakumaran, N (Gopakumaran, Narendrakumar); Selvaraj, KRN (Selvaraj, Karthick Raja Namasivayam); Thangavelu, K (Thangavelu, Krithiga); Sunny, S (Sunny, Samson); Somasundaram, PP (Somasundaram, Puma Pushkala); Devarajan, Y (Devarajan, Yuvarajan)

**Source:** JOURNAL OF CLEANER PRODUCTION **Volume:** 237 **Article Number:** 117691 **DOI:** 10.1016/j.jclepro.2019.117691 **Published:** NOV 10 2019

**Times Cited in Web of Science Core Collection:** 6

**Total Times Cited:** 7

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, Yuvarajan	AAN-7100-2020	

ISSN: 0959-6526

eISSN: 1879-1786

**Record 18 of 126**

**Title:** Study of surface wave vibration in rotating human long bones of cylindrical shape under the magnetic field influence

**Author(s):** Singhal, A (Singhal, Abhinav); Sahu, SA (Sahu, Sanjeev A.); Chaudhary, S (Chaudhary, Soniya)

**Source:** WAVES IN RANDOM AND COMPLEX MEDIA DOI: 10.1080/17455030.2019.1686551 **Early Access Date:** NOV 2019

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Accession Number:** WOS:000495161500001

**Document Type:** Article; Early Access

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ISSN: 1745-5030

eISSN: 1745-5049

**Record 19 of 126**

**Title:** Enhancing the dielectric relaxor behavior and energy storage properties of 0.6Ba(Zr0.2Ti0.8)O-3-0.4(Ba0.7Ca0.3)TiO3 ceramics through the incorporation of paraelectric SrTiO3

**Author(s):** Jayakrishnan, AR (Jayakrishnan, A. R.); Alex, KV (Alex, Kevin V.); Kamakshi, K (Kamakshi, K.); Silva, JPB (Silva, J. P. B.); Sekhar, KC (Sekhar, K. C.); Gomes, MJM (Gomes, M. J. M.)

**Source:** JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 30 Issue: 21 Pages: 19374-19382 DOI: 10.1007/s10854-019-02299-5 **Published:** NOV 2019

**Times Cited in Web of Science Core Collection:** 3

**Total Times Cited:** 3

**Accession Number:** WOS:000495909800002

**Document Type:** Article

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Gomes, Maria de Jesus de Matos		0000-0002-5793-2074

ISSN: 0957-4522

eISSN: 1573-482X

**Record 20 of 126**

**Title:** Network Coverage in Interference Limited Wireless Sensor Networks

**Author(s):** Debnath, S (Debnath, Sunandita); Hossain, A (Hossain, Ashraf)

**Source:** WIRELESS PERSONAL COMMUNICATIONS Volume: 109 Issue: 1 Pages: 139-153 DOI: 10.1007/s11277-019-06555-z **Published:** NOV 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

**Accession Number:** WOS:000490015900010

**Document Type:** Article

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Debnath, Sunandita	W-9124-2019	
Debnath, Dr. Sunandita		0000-0001-9968-1288

**ISSN:** 0929-6212

**eISSN:** 1572-834X

**Record 21 of 126**

**Title:** A Synergistic Concealed Information Test With Novel Approach for EEG Channel Selection and SVM Parameter Optimization

**Author(s):** Bablani, A (Bablani, Annushree); Edla, DR (Edla, Damodar Reddy); Tripathi, D (Tripathi, Diwakar); Dodia, S (Dodia, Shubham); Chintala, S (Chintala, Sridhar)

**Source:** IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY **Volume:** 14 **Issue:** 11 **Pages:** 3057-3068 **DOI:**

10.1109/TIFS.2019.2913798 **Published:** NOV 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

**Accession Number:** WOS:000474549100009

**Document Type:** Article

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Edla, Damodar	Y-8631-2019	

**ISSN:** 1556-6013

**eISSN:** 1556-6021

**Record 22 of 126**

**Title:** Charge Coupling Enhanced Photocatalytic Activity of BaTiO<sub>3</sub>/MoO<sub>3</sub> Heterostructures

**Author(s):** Alex, KV (Alex, Kevin V.); Prabhakaran, A (Prabhakaran, Aarya); Jayakrishnan, AR (Jayakrishnan, A. R.); Kamakshi, K (Kamakshi, K.); Silva, JPB (Silva, J. P. B.); Sekhar, KC (Sekhar, K. C.)

**Source:** ACS APPLIED MATERIALS & INTERFACES **Volume:** 11 **Issue:** 43 **Pages:** 40114-40124 **DOI:** 10.1021/acsami.9b14919 **Published:** OCT 30 2019

**Times Cited in Web of Science Core Collection:** 10

**Total Times Cited:** 11

**Accession Number:** WOS:000493869700071

**PubMed ID:** 31577112

**Document Type:** Article

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**ISSN:** 1944-8244

**eISSN:** 1944-8252

**Record 23 of 126**

**Title:** Permanent deformation behaviour of black cotton soil treated with calcium carbide residue

**Author(s):** Noolu, V (Noolu, Venkatesh); Mudavath, H (Mudavath, Heeralal); Pillai, RJ (Pillai, Rakesh J.); Yantrapalli, SK (Yantrapalli, Sudheer Kumar)

**Source:** CONSTRUCTION AND BUILDING MATERIALS **Volume:** 223 **Pages:** 441-449 **DOI:** 10.1016/j.conbuildmat.2019.07.010 **Published:** OCT 30 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 2

**Accession Number:** WOS:000487569100040

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**ISSN:** 0950-0618**eISSN:** 1879-0526**Record 24 of 126****Title:** An Impact of Sudden Ventilation in a Compartment Involving Crib Fire**Author(s):** Dhurandher, BK (Dhurandher, Bhisham Kumar); Kumar, R (Kumar, Ravi); Dhiman, AK (Dhiman, Amit Kumar); Gupta, A (Gupta, Akhilesh)**Source:** IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF MECHANICAL ENGINEERING **DOI:** 10.1007/s40997-019-00327-7 **Early Access****Date:** OCT 2019**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000492943200001**Document Type:** Article; Early Access**Addresses:** [Dhurandher, Bhisham Kumar] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle, Andhra Pradesh, India.

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Dhurandher, BK (corresponding author), Indian Inst Technol Roorkee, Dept Mech &amp; Ind Engr, Roorkee, Uttar Pradesh, India.

**E-mail Addresses:** er.bhisham@gmail.com; ravikfme@iitr.ac.in; amitdfch@iitr.ac.in; akhilfme@iitr.ac.in**ISSN:** 2228-6187**eISSN:** 2364-1835**Record 25 of 126****Title:** A compact CPW-fed wideband slot antenna with reflector for wireless communication**Author(s):** Gorai, A (Gorai, Amrita); Roy, B (Roy, Bappaditya); Mahanti, GK (Mahanti, G. K.)**Source:** ELECTROMAGNETICS **Volume:** 39 **Issue:** 8 **Pages:** 556-570 **DOI:** 10.1080/02726343.2019.1675439 **Early Access Date:** OCT 2019 **Published:** NOV 17 2019**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000489974800001**Document Type:** Article**Addresses:** [Gorai, Amrita; Mahanti, G. K.] Natl Inst Technol, Dept ECE, Durgapur, WB, India.

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**ISSN:** 0272-6343**eISSN:** 1532-527X**Record 26 of 126****Title:** Magneto-electro-elastic analysis of piezoelectric-flexoelectric nanobeams rested on silica aerogel foundation**Author(s):** Ebrahimi, F (Ebrahimi, Farzad); Karimiasl, M (Karimiasl, Mahsa); Singhal, A (Singhal, Abhinav)**Source:** ENGINEERING WITH COMPUTERS **DOI:** 10.1007/s00366-019-00869-z **Early Access Date:** OCT 2019**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000575663600001**Document Type:** Article; Early Access**Addresses:** [Ebrahimi, Farzad; Karimiasl, Mahsa] Imam Khomeini Int Univ, Fac Engr, Dept Mech Engr, Qazvin, Iran.

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**Corresponding Address:** Ebrahimi, F (corresponding author), Imam Khomeini Int Univ, Fac Engr, Dept Mech Engr, Qazvin, Iran.**E-mail Addresses:** febrahimi@eng.ikiu.ac.ir**ISSN:** 0177-0667**eISSN:** 1435-5663**Record 27 of 126****Title:** Investigations on an extremely compact MIMO antenna with enhanced isolation and bandwidth**Author(s):** Bhattacharya, A (Bhattacharya, Ankan); Roy, B (Roy, Bappaditya)**Source:** MICROWAVE AND OPTICAL TECHNOLOGY LETTERS **Volume:** 62 **Issue:** 2 **Pages:** 845-851 **DOI:** 10.1002/mop.32084 **Early Access Date:** OCT 2019



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Total Times Cited: 1

Accession Number: WOS:000489159000001

Document Type: Article

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Bhattacharya, Ankan	S-1260-2018	0000-0003-2350-1687

ISSN: 0895-2477

eISSN: 1098-2760

#### Record 28 of 126

Title: MPPT Based PMSG Wind Turbine System Using Sliding Model Control (SMC) and Artificial Neural Network (ANN) Based Regression Analysis

Author(s): Agarwal, NK (Agarwal, Nirmal Kumar); Sadhu, PK (Sadhu, Pradip Kumar); Chakraborty, S (Chakraborty, Suprava)

Source: IETE JOURNAL OF RESEARCH DOI: 10.1080/03772063.2019.1662336 Early Access Date: OCT 2019

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000489185200001

Document Type: Article; Early Access

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CHAKRABORTY, SUPRAVA	AAQ-2820-2020	
Sadhu, Pradip Kumar	AAE-5176-2019	

ISSN: 0377-2063

eISSN: 0974-780X

#### Record 29 of 126

Title: Compact four-port MIMO dielectric resonator antenna with pattern diversity

Author(s): Varshney, G (Varshney, Gaurav); Gotra, S (Gotra, Shailza); Chaturvedi, S (Chaturvedi, Saumya); Pandey, VS (Pandey, Vinay S.); Yaduvanshi, RS (Yaduvanshi, Rajveer S.)

Source: IET MICROWAVES ANTENNAS & PROPAGATION Volume: 13 Issue: 12 Pages: 2193-2198 DOI: 10.1049/iet-map.2018.5799 Published: OCT 2 2019

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:000490490300035

Document Type: Article

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Gotra, Shailza		0000-0001-8802-6675

ISSN: 1751-8725

eISSN: 1751-8733

#### Record 30 of 126

Title: Estimation of surface roughness on Ti-6Al-4V in high speed micro end milling by ANFIS model

Author(s): Bandapalli, C (Bandapalli, Chakradhar); Sutaria, BM (Sutaria, Bharatkumar Mohanbhai); Bhatt, DV (Bhatt, Dhananjay Vishnuprasad)

Source: INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES Volume: 26 Issue: 5-6 Pages: 379-389 Published: OCT-DEC 2019

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000532686100011

Document Type: Article

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BANDAPALLI, CHAKRADHAR	AAU-4042-2020	0000-0002-2106-720X

**ISSN:** 0971-4588

**eISSN:** 0975-1017

**Record 31 of 126**

**Title:** Assessing the performance evaluation of different convective parameterization schemes in simulating the intensity of severe cyclonic storms over the Bay of Bengal region

**Author(s):** Singh, KS (Singh, Kuvar S.); Tyagi, B (Tyagi, Bhishma); Verma, VK (Verma, Virendra K.); Maity, S (Maity, Suman)

**Source:** METEOROLOGICAL APPLICATIONS **Volume:** 26 **Issue:** 4 **Pages:** 597-609 **DOI:** 10.1002/met.1787 **Published:** OCT 2019

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Accession Number:** WOS:000525751800007

**Document Type:** Article

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**ISSN:** 1350-4827

**eISSN:** 1469-8080

**Record 32 of 126**

**Title:** Underwater spray and wait routing technique for mobile ad-hoc networks

**Author(s):** Varma, NMK (Varma, Mohan Krishna N.); Kalyani, M (Kalyani, M.); Shin, SY (Shin, Soo-Young); Park, SH (Park, Soo-Hyun)

**Source:** INDIAN JOURNAL OF GEO-MARINE SCIENCES **Volume:** 48 **Issue:** 10 **Pages:** 1648-1655 **Published:** OCT 2019

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Accession Number:** WOS:000498632800020

**Document Type:** Article

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**ISSN:** 0379-5136

**eISSN:** 0975-1033

**Record 33 of 126**

**Title:** Dual-Notched Monopole Antenna Using DGS for WLAN and Wi-MAX Applications

**Author(s):** De, A (De, Arnab); Roy, B (Roy, Bappaditya); Bhattacharjee, AK (Bhattacharjee, Anup Kumar)

**Source:** JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS **Volume:** 28 **Issue:** 11 **Article Number:** 1950189 **DOI:** 10.1142/S0218126619501895 **Published:** OCT 2019

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Accession Number:** WOS:000492829400012

**Document Type:** Article

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De, Arnab	ABD-3150-2020	0000-0001-6865-843X

ISSN: 0218-1266

eISSN: 1793-6454

#### Record 34 of 126

**Title:** Fuzzy AHP based prioritization and taxonomy of software process improvement success factors in global software development

**Author(s):** Khan, AA (Khan, Arif Ali); Shameem, M (Shameem, Mohammad); Kumar, RR (Kumar, Rakesh Ranjan); Hussain, S (Hussain, Shahid); Yan, XF (Yan, Xuefeng)

**Source:** APPLIED SOFT COMPUTING **Volume:** 83 **Article Number:** 105648 **DOI:** 10.1016/j.asoc.2019.105648 **Published:** OCT 2019

**Times Cited in Web of Science Core Collection:** 23

**Total Times Cited:** 23

**Accession Number:** WOS:000488100900053

**Document Type:** Article

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Khan, Arif Ali	ABG-2862-2020	0000-0002-8479-1481

ISSN: 1568-4946

eISSN: 1872-9681

#### Record 35 of 126

**Title:** Powell-Eyring fluid flow towards an isothermal sphere in a non-Darcy porous medium

**Author(s):** Gaffar, SA (Gaffar, S. Abdul); Ur-Rehman, K (Ur-Rehman, Khalil); Reddy, PR (Reddy, P. Ramesh); Prasad, VR (Prasad, V. Ramachandra); Khan, BMH (Khan, B. Md. Hidayathulla)

**Source:** CANADIAN JOURNAL OF PHYSICS **Volume:** 97 **Issue:** 10 **Pages:** 1039-1048 **DOI:** 10.1139/cjp-2018-0835 **Published:** OCT 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

**Accession Number:** WOS:000488804500001

**Document Type:** Review

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ISSN: 0008-4204

eISSN: 1208-6045

#### Record 36 of 126

**Title:** Anatomy of flexoelectricity in micro plates with dielectrically highly/weakly and mechanically complaint interface

**Author(s):** Singhal, A (Singhal, Abhinav); Sahu, SA (Sahu, Sanjeev A.); Nirwal, S (Nirwal, Sonal); Chaudhary, S (Chaudhary, Soniya)

**Source:** MATERIALS RESEARCH EXPRESS **Volume:** 6 **Issue:** 10 **Article Number:** 105714 **DOI:** 10.1088/2053-1591/ab3f52 **Published:** OCT 2019

**Times Cited in Web of Science Core Collection:** 1

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**Accession Number:** WOS:000487699700002

**Document Type:** Article

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**Record 37 of 126****Title:** Unobserved component modeling for seasonal rainfall patterns in Rayalaseema region, India 1951-2015**Author(s):** Murthy, KVN (Murthy, K. V. Narasimha); Saravana, R (Saravana, R.); Rajendra, P (Rajendra, P.)**Source:** METEOROLOGY AND ATMOSPHERIC PHYSICS **Volume:** 131 **Issue:** 5 **Pages:** 1387-1399 **DOI:** 10.1007/s00703-018-0645-y **Published:** OCT 2019**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Accession Number:** WOS:000485049300016**Document Type:** Article**Addresses:** [Murthy, K. V. Narasimha; Saravana, R.; Rajendra, P.] Madanapalle Inst Technol & Sci, Dept Math, Madanapalle 517325, India.**Corresponding Address:** Murthy, KVN (corresponding author), Madanapalle Inst Technol & Sci, Dept Math, Madanapalle 517325, India.**E-mail Addresses:** murthy.koundinyas@gmail.com**Author Identifiers:**

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Ramachandran, Saravana	M-7810-2016	0000-0002-7360-1179

**ISSN:** 0177-7971**eISSN:** 1436-5065**Record 38 of 126****Title:** Analysis on smart material suitable for autogenous microelectronic application**Author(s):** Sitharthan, R (Sitharthan, R.); Ponnusamy, M (Ponnusamy, Manimaran); Karthikeyan, M (Karthikeyan, Madurakavi); Sundar, DS (Sundar, D. Shanmuga)**Source:** MATERIALS RESEARCH EXPRESS **Volume:** 6 **Issue:** 10 **Article Number:** 105709 **DOI:** 10.1088/2053-1591/ab3c0b **Published:** OCT 2019**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Accession Number:** WOS:000484135800001**Document Type:** Article**Addresses:** [Sitharthan, R.] Madanapalle Inst Technol & Sci, Sch Elect & Elect Engn, Madanapalle 517325, Andhra Pradesh, India.

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Dhanabalan, Shanmuga Sundar	A-6489-2017	0000-0001-5539-3380

**ISSN:** 2053-1591**Record 39 of 126****Title:** Physico-chemical study of pistachio (*Pistacia vera*) nutshell particles as a bio-filler for eco-friendly composites**Author(s):** Balasundar, P (Balasundar, P.); Narayanasamy, P (Narayanasamy, P.); Senthil, S (Senthil, S.); Al-Dhabi, NA (Al-Dhabi, Naif Abdullah); Prithvirajan, R (Prithvirajan, R.); Kumar, RS (Kumar, R. Shyam); Ramkumar, T (Ramkumar, T.); Bhat, KS (Bhat, K. Subrahmanya)**Source:** MATERIALS RESEARCH EXPRESS **Volume:** 6 **Issue:** 10 **Article Number:** 105339 **DOI:** 10.1088/2053-1591/ab3b9b **Published:** OCT 2019**Times Cited in Web of Science Core Collection:** 4**Total Times Cited:** 4**Accession Number:** WOS:000483108000003**Document Type:** Article**Addresses:** [Balasundar, P.] Kamaraj Coll Engn & Technol, Dept Mechatron Engn, Near Virudhunagar 625701, Tamil Nadu, India.

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ISSN: 2053-1591

**Record 40 of 126**

**Title:** A secure end-to-end proximity NFC-based mobile payment protocol

**Author(s):** Bojjagani, S (Bojjagani, Sriramulu); Sastry, VN (Sastry, V. N.)

**Source:** COMPUTER STANDARDS & INTERFACES **Volume:** 66 **Article Number:** 103348 **DOI:** 10.1016/j.csi.2019.04.007 **Published:** OCT 2019

**Times Cited in Web of Science Core Collection:** 2

**Total Times Cited:** 2

**Accession Number:** WOS:000479023200018

**Document Type:** Article

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BOJJAGANI, SRIRAMULU	D-6092-2018	0000-0002-8801-4292

ISSN: 0920-5489

eISSN: 1872-7018

**Record 41 of 126**

**Title:** Cu, Cu-SiC functionally graded coating for protection against corrosion and wear

**Author(s):** Banthia, S (Banthia, Swastika); Sengupta, S (Sengupta, Srijan); Das, S (Das, Siddhartha); Das, K (Das, Karabi)

**Source:** SURFACE & COATINGS TECHNOLOGY **Volume:** 374 **Pages:** 833-844 **DOI:** 10.1016/j.surfcoat.2019.06.050 **Published:** SEP 25 2019

**Times Cited in Web of Science Core Collection:** 6

**Total Times Cited:** 6

**Accession Number:** WOS:000486360000083

**Document Type:** Article

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**Record 42 of 126**

**Title:** Video super resolution using non-linear regression and deep learning

**Author(s):** Sudhakar, R (Sudhakar, R.); Rao, PVV (Rao, P. V. Venkateswara)

**Source:** IMAGING SCIENCE JOURNAL **Volume:** 67 **Issue:** 6 **Pages:** 305-318 **DOI:** 10.1080/13682199.2019.1652445 **Early Access Date:** SEP 2019 **Published:** AUG 18 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

**Accession Number:** WOS:000484957500001

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eISSN: 1743-131X

**Record 43 of 126**

**Title:** Dimensions Selection Criteria of Stair-shaped Slot for Obtaining the Wideband Response of CPDRA

**Author(s):** Varshney, G (Varshney, Gaurav); Gotra, S (Gotra, Shailza); Singh, R (Singh, Rakesh); Pandey, VS (Pandey, V. S.); Yaduvanshi, RS (Yaduvanshi, R. S.)

**Source:** DEFENCE SCIENCE JOURNAL **Volume:** 69 **Issue:** 5 **Special Issue:** SI **Pages:** 442-447 **DOI:** 10.14429/dsj.69.14948 **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

**Accession Number:** WOS:000489957800005

**Document Type:** Article

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Gotra, Shailza		0000-0001-8802-6675

ISSN: 0011-748X

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#### Record 44 of 126

**Title:** Differentiating synthetic and optical zooming for passive video forgery detection: An anti-forensic perspective

**Author(s):** Sitara, K (Sitara, K.); Mehtre, BM (Mehtre, B. M.)

**Source:** DIGITAL INVESTIGATION **Volume:** 30 **Pages:** 1-11 **DOI:** 10.1016/j.diin.2019.05.001 **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 2

**Total Times Cited:** 2

**Accession Number:** WOS:000488201900001

**Document Type:** Article

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ISSN: 1742-2876

eISSN: 1873-202X

#### Record 45 of 126

**Title:** Influence of Gd doping on the visible-light photocatalytic activity and magnetic properties of BiFeO<sub>3</sub> particles

**Author(s):** Reddy, BP (Reddy, Purusottam B.); Cui, H (Cui, Hao); Sekhar, MC (Sekhar, Chandra M.); Vattikuti, SVP (Vattikuti, S. V. Prabhakar); Suh, Y (Suh, Youngsuk); Park, SH (Park, Si-Hyun)

**Source:** MATERIALS RESEARCH EXPRESS **Volume:** 6 **Issue:** 11 **Article Number:** 115044 **DOI:** 10.1088/2053-1591/ab463d **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

**Accession Number:** WOS:000488095200003

**Document Type:** Article

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ISSN: 2053-1591

#### Record 46 of 126

**Title:** Identification of potential biomarkers on microarray data using distributed gene selection approach

**Author(s):** Shukla, AK (Shukla, Alok Kumar); Tripathi, D (Tripathi, Diwakar)

**Source:** MATHEMATICAL BIOSCIENCES **Volume:** 315 **Article Number:** 108230 **DOI:** 10.1016/j.mbs.2019.108230 **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 7

**Total Times Cited:** 7

**Accession Number:** WOS:000488135000014

**PubMed ID:** 31326384

**Document Type:** Article

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#### Record 47 of 126

**Title:** Sensor Scheduling Schemes and Network Coverage in Dense Wireless Sensor Networks

**Author(s):** Debnath, S (Debnath, Sunandita); Hossain, A (Hossain, Ashraf)

**Source:** JOURNAL OF INFORMATION SCIENCE AND ENGINEERING **Volume:** 35 **Issue:** 5 **Special Issue:** SI **Pages:** 937-958 **DOI:** 10.6688/JISE.201909\_35(5).0001 **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Accession Number:** WOS:000487575000002

**Document Type:** Article

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**ISSN:** 1016-2364

**Record 48 of 126**

**Title:** Low-profile, extremely wideband, dual-band-notched MIMO antenna for UWB applications

**Author(s):** Bhattacharya, A (Bhattacharya, Ankan); Roy, B (Roy, Bappaditya); Caldeirinha, RFS (Caldeirinha, Rafael F. S.); Bhattacharjee, AK (Bhattacharjee, Anup K.)

**Source:** INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES **Volume:** 11 **Issue:** 7 **Special Issue:** SI **Pages:** 719-728 **Article Number:** PII S1759078719000266 **DOI:** 10.1017/S1759078719000266 **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Accession Number:** WOS:000485982900021

**Document Type:** Article

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**ISSN:** 1759-0787

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**Record 49 of 126**

**Title:** Proximity-coupled two-port multi-input-multi-output graphene antenna with pattern diversity for THz applications

**Author(s):** Varshney, G (Varshney, Gaurav); Gotra, S (Gotra, Shailza); Pandey, VS (Pandey, V. S.); Yaduvanshi, RS (Yaduvanshi, R. S.)

**Source:** NANO COMMUNICATION NETWORKS **Volume:** 21 **Article Number:** 100246 **DOI:** 10.1016/j.nancom.2019.05.003 **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 8

**Total Times Cited:** 8

**Accession Number:** WOS:000485805800006

**Document Type:** Article

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**ISSN:** 1878-7789

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**Record 50 of 126**

**Title:** Symmetrical Hexagonal Monopole Antenna with Bandwidth Enhancement Under UWB Operations

**Author(s):** Roy, B (Roy, Bappaditya); Chowdhury, SK (Chowdhury, Santosh Kumar); Bhattacharjee, AK (Bhattacharjee, Anup Kumar)

**Source:** WIRELESS PERSONAL COMMUNICATIONS **Volume:** 108 **Issue:** 2 **Pages:** 853-863 **DOI:** 10.1007/s11277-019-06433-8 **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

**Accession Number:** WOS:000485319700010

**Document Type:** Article

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**eISSN:** 1572-834X

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**Record 51 of 126****Title:** Mechanical and sodium ion conductivity properties of graphene oxide-incorporated nanocomposite polymer electrolyte membranes**Author(s):** Koduru, HK (Koduru, H. K.); Bruno, L (Bruno, L.); Marinov, YG (Marinov, Y. G.); Hadjichristov, GB (Hadjichristov, G. B.); Scaramuzza, N (Scaramuzza, N.)**Source:** JOURNAL OF SOLID STATE ELECTROCHEMISTRY **Volume:** 23 **Issue:** 9 **Pages:** 2707-2722 **DOI:** 10.1007/s10008-019-04359-6 **Published:** SEP 2019**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 1**Accession Number:** WOS:000484549900009**Document Type:** Article**Addresses:** [Koduru, H. K.; Scaramuzza, N.] Univ Calabria, Dipartimento Fis, Via P Bucci,Cubo 33B, I-87036 Arcavacata Di Rende, CS, Italy.

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**E-mail Addresses:** koduruharika@gmail.com**ISSN:** 1432-8488**eISSN:** 1433-0768**Record 52 of 126****Title:** Response to Discussion on "Nearest and Non-Nearest Three Vector Modulations of NPCI Using Two-Level Space Vector Diagram-A Novel Approach"**Author(s):** Babu, AN (Babu, Narendra A.); Agarwal, P (Agarwal, Pramod)**Source:** IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS **Volume:** 55 **Issue:** 5 **Pages:** 5495-5496 **DOI:** 10.1109/TIA.2019.2922929 **Published:** SEP-OCT 2019**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000482584200107**Document Type:** Editorial Material**Addresses:** [Babu, Narendra A.] Madanapalle Inst Technol & Sci, Dept Elect & Elect Engn, Madanapalle 517325, India.

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**ISSN:** 1873-9318**eISSN:** 1873-9326**Record 54 of 126****Title:** Mechanical and wear behavior of Al 7075/Al<sub>2</sub>O<sub>3</sub>/SiC/mg metal matrix nanocomposite by liquid state process**Author(s):** Suresh, S (Suresh, S.); Gowd, GH (Gowd, G. Harinath); Kumar, MLS (Kumar, M. L. S. Deva)**Source:** ADVANCED COMPOSITES AND HYBRID MATERIALS **Volume:** 2 **Issue:** 3 **Pages:** 530-539 **DOI:** 10.1007/s42114-019-00101-y **Published:** SEP 2019**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000589402900014**Document Type:** Article**Addresses:** [Suresh, S.; Kumar, M. L. S. Deva] Jawaharlal Nehru Technol Univ, Dept Mech Engn, Anantapur 515002, AP, India.

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ISSN: 2522-0128

eISSN: 2522-0136

#### Record 55 of 126

**Title:** Electrical discharge metal matrix composite coating on duplex stainless steel and its wear behavior under different environmental conditions

**Author(s):** Arun, I (Arun, Ilangovan); Gangadhar, B (Gangadhar, B.); Yuvaraj, C (Yuvaraj, C.); Kousalya, C (Kousalya, C.)

**Source:** MATERIALS RESEARCH EXPRESS **Volume:** 6 **Issue:** 9 **Article Number:** 0965c5 **DOI:** 10.1088/2053-1591/ab33bf **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 2

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**Accession Number:** WOS:000478829700005

**Document Type:** Article

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eISSN: 2053-1591

#### Record 56 of 126

**Title:** Evaluation of Multilayer Thin Film Coatings for Solar Thermal Applications

**Author(s):** Singh, MM (Singh, M. Muralidhar); Kumar, H (Kumar, Harinandan); Nagesha, KV (Nagesha, K. V.); Sivaiah, P (Sivaiah, P.); Kumar, GH (Kumar, G. Hemath); Ajay, KM (Ajay, K. M.); Vijaya, G (Vijaya, G.)

**Source:** ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING **Volume:** 44 **Issue:** 9 **Pages:** 7789-7797 **DOI:** 10.1007/s13369-019-03904-9 **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 0

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**Accession Number:** WOS:000477809600031

**Document Type:** Article

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ISSN: 2193-567X

eISSN: 2191-4281

#### Record 57 of 126

**Title:** Optical properties of magnetron sputtered nanocrystalline gold nitride thin films

**Author(s):** Shankernath, V (Shankernath, V); Naidu, KL (Naidu, Lakshun K.); Krishna, MG (Krishna, Ghanashyam M.); Padmanabhan, KA (Padmanabhan, K. A.)

**Source:** MATERIALS RESEARCH EXPRESS **Volume:** 6 **Issue:** 9 **Article Number:** 094001 **DOI:** 10.1088/2053-1591/ab2a55 **Published:** SEP 2019

**Times Cited in Web of Science Core Collection:** 0

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**Accession Number:** WOS:000473133400001

**Document Type:** Article

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ISSN: 2053-1591

#### Record 58 of 126

**Title:** Dual-band circular polarisation generation technique with the miniaturisation of a rectangular dielectric resonator antenna

**Author(s):** Gotra, S (Gotra, Shailza); Varshney, G (Varshney, Gaurav); Yaduvanshi, RS (Yaduvanshi, Rajveer Singh); Pandey, VS (Pandey, Vinay Shankar)

**Source:** IET MICROWAVES ANTENNAS & PROPAGATION **Volume:** 13 **Issue:** 10 **Pages:** 1742-1748 **DOI:** 10.1049/iet-map.2019.0030 **Published:** AUG 14 2019

**Times Cited in Web of Science Core Collection:** 5

**Total Times Cited:** 5

**Accession Number:** WOS:000478605200033

**Document Type:** Article

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Gotra, Shailza		0000-0001-8802-6675

ISSN: 1751-8725

eISSN: 1751-8733

#### Record 59 of 126

**Title:** Brain Tumour Segmentation Using U-net Based Adversarial Networks

**Author(s):** Teki, SM (Teki, Satyanarayana Murthy); Varma, MK (Varma, Mohan Krishna); Yadav, AK (Yadav, Anjana K.)

**Source:** TRAITEMENT DU SIGNAL **Volume:** 36 **Issue:** 4 **Pages:** 353-359 **DOI:** 10.18280/ts.360408 **Published:** AUG 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

**Accession Number:** WOS:000493285000008

**Document Type:** Article

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ISSN: 0765-0019

eISSN: 1958-5608

#### Record 60 of 126

**Title:** Stochastic modelling of the monthly average maximum and minimum temperature patterns in India 1981-2015

**Author(s):** Murthy, KVN (Murthy, K. V. Narasimha); Saravana, R (Saravana, R.); Kumar, KV (Kumar, K. Vijaya)

**Source:** METEOROLOGY AND ATMOSPHERIC PHYSICS **Volume:** 131 **Issue:** 4 **Pages:** 775-787 **DOI:** 10.1007/s00703-018-0606-5 **Published:** AUG 2019

**Times Cited in Web of Science Core Collection:** 4

**Total Times Cited:** 4

**Accession Number:** WOS:000475699000006

**Document Type:** Article

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V, Narasimha Murthy K	N-7987-2016	0000-0001-6000-3850

ISSN: 0177-7971

eISSN: 1436-5065

#### Record 61 of 126

**Title:** Proximity-Coupled Graphene-Patch-Based Tunable Single-/Dual-Band Notch Filter for THz Applications

**Author(s):** Varshney, G (Varshney, Gaurav); Gotra, S (Gotra, Shailza); Pandey, VS (Pandey, V. S.); Yaduvanshi, RS (Yaduvanshi, R. S.)  
**Source:** JOURNAL OF ELECTRONIC MATERIALS **Volume:** 48 **Issue:** 8 **Pages:** 4818-4829 **DOI:** 10.1007/s11664-019-07274-8 **Published:** AUG 2019

**Times Cited in Web of Science Core Collection:** 5

**Total Times Cited:** 5

**Accession Number:** WOS:000473507400007

**Document Type:** Article

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**ISSN:** 0361-5235

**eISSN:** 1543-186X

**Record 62 of 126**

**Title:** Comparative experimental study on parabolic trough collector integrated with thermal energy storage system by using different reflective materials

**Author(s):** Beemkumar, N (Beemkumar, Nagappan); Yuvarajan, D (Yuvarajan, Devarajan); Karthikeyan, A (Karthikeyan, Alagu); Ganesan, S (Ganesan, Subbiah)

**Source:** JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY **Volume:** 137 **Issue:** 3 **Pages:** 941-948 **DOI:** 10.1007/s10973-018-07989-6 **Published:** AUG 2019

**Times Cited in Web of Science Core Collection:** 6

**Total Times Cited:** 6

**Accession Number:** WOS:000473246100019

**Document Type:** Article

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, Yuvarajan	AAN-7100-2020	

**ISSN:** 1388-6150

**eISSN:** 1588-2926

**Record 63 of 126**

**Title:** Approximate solution of zero point problem involving H-accretive maps in Banach spaces and applications

**Author(s):** Vaish, R (Vaish, Rajat); Sarfaraz, M (Sarfaraz, Mohd); Ahmad, MK (Ahmad, Md Kalimuddin); Kazmi, KR (Kazmi, Kaleem Raza)

**Source:** JOURNAL OF INEQUALITIES AND APPLICATIONS **Article Number:** 209 **DOI:** 10.1186/s13660-019-2163-y **Published:** JUL 27 2019

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**Total Times Cited:** 0

**Accession Number:** WOS:000477612800001

**Document Type:** Article

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Sarfaraz, Mohd		0000-0001-9968-9431
Ahmad, Mohammad		0000-0002-0082-7169

**ISSN:** 1029-242X

**Record 64 of 126**

**Title:** Design of self-quadruplexing antenna using substrate-integrated waveguide technique

**Author(s):** Kumar, A (Kumar, Arvind)



Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000488695700001

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Kumar, Arvind	H-1956-2018	0000-0002-9695-4399

ISSN: 0895-2477

eISSN: 1098-2760

#### Record 65 of 126

Title: An efficient Concealed Information Test: EEG feature extraction and ensemble classification for lie identification

Author(s): Bablani, A (Bablani, Annushree); Edla, DR (Edla, Damodar Reddy); Tripathi, D (Tripathi, Diwakar); Kuppili, V (Kuppili, Venkatanareshbabu)

Source: MACHINE VISION AND APPLICATIONS Volume: 30 Issue: 5 Special Issue: SI Pages: 813-832 DOI: 10.1007/s00138-018-0950-y Published: JUL 2019

Times Cited in Web of Science Core Collection: 7

Total Times Cited: 7

Accession Number: WOS:000474721100002

Document Type: Article

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Kuppili, Venkatanareshbabu	D-3567-2017	0000-0001-5059-2655

ISSN: 0932-8092

eISSN: 1432-1769

#### Record 66 of 126

Title: PEO-PVP-NaIO<sub>4</sub> Ion-Conducting Polymer Electrolyte: Inspection for Ionic Space Charge Polarization and Charge Trapping

Author(s): Hadjichristov, GB (Hadjichristov, Georgi B.); Ivanov, TE (Ivanov, Tzvetan E.); Marinov, YG (Marinov, Yordan G.); Koduru, HK (Koduru, Hari Krishna); Scaramuzza, N (Scaramuzza, Nicola)

Source: PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE Volume: 216 Issue: 13 Special Issue: SI Article Number: 1800739 DOI: 10.1002/pssa.201800739 Published: JUL 2019

Times Cited in Web of Science Core Collection: 0

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Accession Number: WOS:000474935700008

Document Type: Article

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ISSN: 1862-6300

eISSN: 1862-6319

#### Record 67 of 126

Title: Experimental Investigation of Autoclaved Aerated Concrete Masonry

Author(s): Bhosale, A (Bhosale, Avadhoot); Zade, NP (Zade, Nikhil P.); Davis, R (Davis, Robin); Sarkar, P (Sarkar, Pradip)

Source: JOURNAL OF MATERIALS IN CIVIL ENGINEERING Volume: 31 Issue: 7 Article Number: 04019109 DOI: 10.1061/(ASCE)MT.1943-5533.0002762 Published: JUL 1 2019

Times Cited in Web of Science Core Collection: 4

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Accession Number: WOS:000473060900004

Document Type: Article

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Davis, Robin		0000-0001-6281-5393

ISSN: 0899-1561

eISSN: 1943-5533

Record 68 of 126

Title: Prediction of land surface temperatures for surface urban heat island assessment over Chandigarh city using support vector regression model

Author(s): Mathew, A (Mathew, Aneesh); Sreekumar, S (Sreekumar, Sreenu); Khandelwal, S (Khandelwal, Sumit); Kumar, R (Kumar, Rajesh)

Source: SOLAR ENERGY Volume: 186 Pages: 404-415 DOI: 10.1016/j.solener.2019.04.001 Published: JUL 1 2019

Times Cited in Web of Science Core Collection: 5

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Accession Number: WOS:000470943000042

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ISSN: 0038-092X

Record 69 of 126

Title: An improved radial basis function neural network control strategy-based maximum power point tracking controller for wind power generation system

Author(s): Sitharthan, R (Sitharthan, R.); Parthasarathy, T (Parthasarathy, T.); Rani, SS (Rani, S. Sheeba); Ramya, KC (Ramya, K. C.)

Source: TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL Volume: 41 Issue: 11 Pages: 3158-3170 DOI:

10.1177/0142331218823858 Published: JUL 2019

Times Cited in Web of Science Core Collection: 3

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ISSN: 0142-3312

eISSN: 1477-0369

Record 70 of 126

Title: Obtaining the circular polarization in a nanodielectric resonator antenna for photonics applications

Author(s): Varshney, G (Varshney, Gaurav); Gotra, S (Gotra, Shailza); Kaur, J (Kaur, Jasleen); Pandey, VS (Pandey, V. S.); Yaduvanshi, RS (Yaduvanshi, R. S.)

Source: SEMICONDUCTOR SCIENCE AND TECHNOLOGY Volume: 34 Issue: 7 Article Number: 07LT01 DOI: 10.1088/1361-6641/ab1fd1 Published: JUL 2019

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Accession Number: WOS:000470705000001

Document Type: Article

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Gotra, Shailza		0000-0001-8802-6675

**ISSN:** 0268-1242

**eISSN:** 1361-6641

#### Record 71 of 126

**Title:** Characterization of polymer/liquid crystal composite based electrolyte membranes for sodium ion battery applications

**Author(s):** Koduru, HK (Koduru, H. K.); Marinov, YG (Marinov, Y. G.); Hadjichristov, GB (Hadjichristov, G. B.); Scaramuzza, N (Scaramuzza, N.)

**Source:** SOLID STATE IONICS **Volume:** 335 **Pages:** 86-96 **DOI:** 10.1016/j.ssi.2019.02.021 **Published:** JUL 2019

**Times Cited in Web of Science Core Collection:** 2

**Total Times Cited:** 2

**Accession Number:** WOS:000466829700013

**Document Type:** Article

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**ISSN:** 0167-2738

**eISSN:** 1872-7689

#### Record 72 of 126

**Title:** Theoretical deflection analysis of multi-walled carbon nanotube reinforced sandwich panel and experimental verification

**Author(s):** Mehar, K (Mehar, Kulmani); Panda, SK (Panda, Subrata Kumar)

**Source:** COMPOSITES PART B-ENGINEERING **Volume:** 167 **Pages:** 317-328 **DOI:** 10.1016/j.compositesb.2018.12.058 **Published:** JUN 15 2019

**Times Cited in Web of Science Core Collection:** 26

**Total Times Cited:** 26

**Accession Number:** WOS:000465060200028

**Document Type:** Article

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**ISSN:** 1359-8368

**eISSN:** 1879-1069

#### Record 73 of 126

**Title:** Pairwise Error Probability Analysis of Dual Hop Relaying Network over Time Selective Nakagami-m Fading Channel with Imperfect CSI and Node Mobility

**Author(s):** Shankar, R (Shankar, Ravi); Kumar, I (Kumar, Indrajeet); Mishra, RK (Mishra, Ritesh Kumar)

**Source:** TRAITEMENT DU SIGNAL **Volume:** 36 **Issue:** 3 **Pages:** 281-295 **DOI:** 10.18280/ts.360312 **Published:** JUN 2019

**Times Cited in Web of Science Core Collection:** 2

**Total Times Cited:** 2

**Accession Number:** WOS:000487193200012

**Document Type:** Article

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Shankar, Ravi	T-1436-2019	0000-0001-7532-3275

ISSN: 0765-0019

eISSN: 1958-5608

#### Record 74 of 126

**Title:** Optimal Pattern Synthesis of Thinned and Non-Uniformly Excited Concentric Circular Array Antennas using Hybrid GSA-PSO Technique

**Author(s):** Bera, R (Bera, Rajesh); Kundu, K (Kundu, Krishanu); Pathak, NN (Pathak, Narendra Nath)

**Source:** RADIOENGINEERING Volume: 28 Issue: 2 Pages: 369-385 DOI: 10.13164/re.2019.0369 Published: JUN 2019

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Accession Number:** WOS:000472480300002

**Document Type:** Article

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ISSN: 1210-2512

#### Record 75 of 126

**Title:** Design and performance analysis of low SAR hexagonal slot antenna using cotton substrate

**Author(s):** Amsaveni, A (Amsaveni, A.); Bharathi, M (Bharathi, M.); Swaminathan, JN (Swaminathan, J. N.)

**Source:** MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS Volume: 25 Issue: 6 Pages: 2273-2278 DOI: 10.1007/s00542-018-4109-6 Published: JUN 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

**Accession Number:** WOS:000470332300014

**Document Type:** Article

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ISSN: 0946-7076

eISSN: 1432-1858

#### Record 76 of 126

**Title:** Investigation on behavior of diesel engine performance, emission, and combustion characteristics using nano-additive in neat biodiesel

**Author(s):** Devarajan, Y (Devarajan, Yuvarajan); Munuswamy, DB (Munuswamy, Dinesh Babu); Mahalingam, A (Mahalingam, Arulprakashajothi)

**Source:** HEAT AND MASS TRANSFER Volume: 55 Issue: 6 Pages: 1641-1650 DOI: 10.1007/s00231-018-02537-2 Published: JUN 2019

**Times Cited in Web of Science Core Collection:** 34

**Total Times Cited:** 34

**Accession Number:** WOS:000469823000009

**Document Type:** Article

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Munuswamy, Dinesh Babu	AAF-2409-2019	

ISSN: 0947-7411

eISSN: 1432-1181

#### Record 77 of 126



**Title:** Computational and experimental analysis of a low-profile, isolation-enhanced, band-notch UWB-MIMO antenna

**Author(s):** Bhattacharya, A (Bhattacharya, Ankan); Roy, B (Roy, Bappaditya); Chowdhury, SK (Chowdhury, Santosh K.); Bhattacharjee, AK (Bhattacharjee, Anup K.)

**Source:** JOURNAL OF COMPUTATIONAL ELECTRONICS **Volume:** 18 **Issue:** 2 **Pages:** 680-688 **DOI:** 10.1007/s10825-019-01309-3 **Published:** JUN 2019

**Times Cited in Web of Science Core Collection:** 2

**Total Times Cited:** 2

**Accession Number:** WOS:000467915400030

**Document Type:** Article

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**ISSN:** 1569-8025

**eISSN:** 1572-8137

**Record 78 of 126**

**Title:** Compact four-port circulator based on 2D photonic crystals with a 90 degrees rotation of the light wave for photonic integrated circuits applications

**Author(s):** Sundar, DS (Sundar, D. Shanmuga); Umamaheswari, C (Umamaheswari, C.); Sridarshini, T (Sridarshini, T.); Karthikeyan, M (Karthikeyan, Madurakavi); Sitharthan, R (Sitharthan, R.); Raja, AS (Raja, A. Sivanantha); Carrasco, MF (Flores Carrasco, Marcos)

**Source:** LASER PHYSICS **Volume:** 29 **Issue:** 6 **DOI:** 10.1088/1555-6611/ab1413 **Published:** JUN 2019

**Times Cited in Web of Science Core Collection:** 4

**Total Times Cited:** 4

**Accession Number:** WOS:000466156700001

**Document Type:** Article

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Thirumaran, Sridarshini	AAE-7874-2019	0000-0001-9922-4378

**ISSN:** 1054-660X

**eISSN:** 1555-6611

**Record 79 of 126**

**Title:** Substrate temperature induced effect on microstructure, optical and photocatalytic activity of ultrasonic spray pyrolysis deposited MoO<sub>3</sub> thin films

**Author(s):** Alex, KV (Alex, Kevin, V); Jayakrishnan, AR (Jayakrishnan, A. R.); Kumar, SA (Kumar, Ajeesh S.); Ibrahim, AS (Ibrahim, A. Sulthan); Kamakshi, K (Kamakshi, K.); Silva, JPB (Silva, J. P. B.); Sekhar, KC (Sekhar, K. C.); Gomes, MJM (Gomes, M. J. M.)

**Source:** MATERIALS RESEARCH EXPRESS **Volume:** 6 **Issue:** 6 **Article Number:** 066421 **DOI:** 10.1088/2053-1591/ab0f7a **Published:** JUN 2019

**Times Cited in Web of Science Core Collection:** 5

**Total Times Cited:** 5

**Accession Number:** WOS:000462780900004

**Document Type:** Article

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**Record 80 of 126****Title:** Ignition analysis on neat alcohols and biodiesel blends propelled research compression ignition engine**Author(s):** Devarajan, Y (Devarajan, Yuvarajan); Choubey, G (Choubey, Gautam); Mehar, K (Mehar, Kulmani)**Source:** ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS **Volume:** 42 **Issue:** 23 **Pages:** 2911-2922 **DOI:** 10.1080/15567036.2019.1618998 **Early Access Date:** MAY 2019 **Published:** DEC 1 2020**Times Cited in Web of Science Core Collection:** 24**Total Times Cited:** 24**Accession Number:** WOS:000469069600001**Document Type:** Article**Addresses:** [Devarajan, Yuvarajan; Choubey, Gautam; Mehar, Kulmani] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle, India.**Corresponding Address:** Devarajan, Y (corresponding author), Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle, India.**E-mail Addresses:** dyuvarajan2@gmail.com**Author Identifiers:**

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, Yuvarajan	AAN-7100-2020	

**ISSN:** 1556-7036**eISSN:** 1556-7230**Record 81 of 126****Title:** Recent advances in cavity-based scramjet engine- a brief review**Author(s):** Choubey, G (Choubey, Gautam); Deuarajan, Y (Deuarajan, Yuvarajan); Huang, W (Huang, Wei); Mehar, K (Mehar, Kulmani); Tiwari, M (Tiwari, Manuendra); Pandey, KM (Pandey, K. M.)**Source:** INTERNATIONAL JOURNAL OF HYDROGEN ENERGY **Volume:** 44 **Issue:** 26 **Pages:** 13895-13909 **DOI:** 10.1016/j.ijhydene.2019.04.003 **Published:** MAY 21 2019**Times Cited in Web of Science Core Collection:** 36**Total Times Cited:** 36**Accession Number:** WOS:000470051300091**Document Type:** Review**Addresses:** [Choubey, Gautam; Deuarajan, Yuvarajan; Mehar, Kulmani; Tiwari, Manuendra] MITS UGC Autonomous Inst, Dept Mech Engr, Madanapalle 517325, Andhra Pradesh, India.

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, Yuvarajan	AAN-7100-2020	

**ISSN:** 0360-3199**eISSN:** 1879-3487**Record 82 of 126****Title:** New results on restricted static output feedback  $H_{\infty}$  infinity controller design with regional pole placement**Author(s):** Sahoo, PR (Sahoo, Pradosh Ranjan); Goyal, JK (Goyal, Jitendra Kumar); Ghosh, S (Ghosh, Sandip); Naskar, AK (Naskar, Asim Kumar)**Source:** IET CONTROL THEORY AND APPLICATIONS **Volume:** 13 **Issue:** 8 **Pages:** 1095-1104 **DOI:** 10.1049/iet-cta.2018.6138 **Published:** MAY 21 2019**Times Cited in Web of Science Core Collection:** 6**Total Times Cited:** 5**Accession Number:** WOS:000467576100006**Document Type:** Article**Addresses:** [Sahoo, Pradosh Ranjan] MITS Madanapalle, Dept Elect & Elect Engr, Chittoor 517325, AP, India.

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Goyal, Jitendra Kumar	V-9751-2019	

**ISSN:** 1751-8644**eISSN:** 1751-8652**Record 83 of 126****Title:** Characterization of cellulosic fibers from Morus alba L. stem**Author(s):** Prithivirajan, R (Prithivirajan, R.); Balasundar, P (Balasundar, P.); Shyamkumar, R (Shyamkumar, R.); Al-Harbi, NS (Al-Harbi, Naiyf Sulthan);

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Times Cited in Web of Science Core Collection: 12

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Document Type: Article

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Rajaram, Shyam Kumar	K-7691-2012	0000-0003-2923-8277

ISSN: 1544-0478

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#### Record 84 of 126

Title: Numerical buckling analysis of graded CNT-reinforced composite sandwich shell structure under thermal loading

Author(s): Mehar, K (Mehar, Kulmani); Panda, SK (Panda, Subrata Kumar); Devarajan, Y (Devarajan, Yuvarajan); Choubey, G (Choubey, Gautam)

Source: COMPOSITE STRUCTURES Volume: 216 Pages: 406-414 DOI: 10.1016/j.compstruct.2019.03.002 Published: MAY 15 2019

Times Cited in Web of Science Core Collection: 46

Total Times Cited: 46

Accession Number: WOS:000461162500036

Document Type: Article

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Mehar, Kulmani	J-9688-2017	0000-0001-5088-6813

ISSN: 0263-8223

eISSN: 1879-1085

#### Record 85 of 126

Title: An Isolation Enhanced, Printed, Low-Profile UWB-MIMO Antenna with Unique Dual Band-Notching Features for WLAN and WiMAX

Author(s): Bhattacharya, A (Bhattacharya, Ankan); Roy, B (Roy, Bappaditya); Chowdhury, SK (Chowdhury, Santosh K.); Bhattacharjee, AK (Bhattacharjee, Anup K.)

Source: IETE JOURNAL OF RESEARCH DOI: 10.1080/03772063.2019.1612284 Early Access Date: MAY 2019

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000471438400001

Document Type: Article; Early Access

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#### Record 86 of 126

Title: Structure, stability, and electronic properties of thin TiO<sub>2</sub> nanowires of different novel shapes: An ab-initio study

Author(s): Dash, D (Dash, D.); Pandey, CK (Pandey, C. K.); Chaudhury, S (Chaudhury, S.); Tripathy, SK (Tripathy, S. K.)

Source: SCIENTIA IRANICA Volume: 26 Issue: 3 Pages: 1951-1961 DOI: 10.24200/sci.2019.50644.1800 Published: MAY-JUN 2019

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000474381800004

Document Type: Article

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ISSN: 1026-3098

#### Record 87 of 126

Title: Compact QMSIW-based antenna with different resonant frequencies depending on loading of metalized vias

Author(s): Chaturvedi, D (Chaturvedi, Divya); Kumar, A (Kumar, Arvind); Raghavan, S (Raghavan, S.)

Source: INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES Volume: 11 Issue: 4 Pages: 420-427 Article Number: PII S1759078719000126 DOI: 10.1017/S1759078719000126 Published: MAY 2019

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000471827800014

Document Type: Article

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ISSN: 1759-0787

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#### Record 88 of 126

Title: LDPC Codes and Digital Forensics - A Perspective Approach

Author(s): Mishra, M (Mishra, Madhusmita)

Source: IETE JOURNAL OF RESEARCH DOI: 10.1080/03772063.2019.1604170 Early Access Date: MAY 2019

Times Cited in Web of Science Core Collection: 0

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Accession Number: WOS:000471519300001

Document Type: Article; Early Access

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#### Record 89 of 126

Title: Evaluation of temperature dependent electrical transport parameters in Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/n-Si metal-insulator-semiconductor (MIS) type Schottky barrier heterojunction in a wide temperature range

Author(s): Reddy, NNK (Reddy, Nallabala Nanda Kumar); Godavarthi, S (Godavarthi, Srinivas); Kumar, KM (Kumar, Kesarla Mohan); Kummara, VK (Kummara, Venkata Krishnaiah); Vattikuti, SVP (Vattikuti, S. V. Prabhakar); Akkera, HS (Akkera, Harish Sharma); Bitla, Y (Bitla, Yugandhar); Jilani, SAK (Jilani, S. A. K.); Manjunath, V (Manjunath, V.)

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: 30 Issue: 9 Pages: 8955-8966 DOI: 10.1007/s10854-019-01223-1 Published: MAY 2019

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:000468050800088

Document Type: Article

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Kummara, Venkata Krishnaiah	T-8130-2019	
kummara, venkata krishnaiah		0000-0002-1392-6502

ISSN: 0957-4522

eISSN: 1573-482X

#### Record 90 of 126

**Title:** Multiscale modeling approach for thermal buckling analysis of nanocomposite curved structure

**Author(s):** Mehar, K (Mehar, Kulmani); Panda, SK (Panda, Subrata Kumar)

**Source:** ADVANCES IN NANO RESEARCH **Volume:** 7 **Issue:** 3 **Pages:** 179-188 **DOI:** 10.12989/anr.2019.7.3.179 **Published:** MAY 2019

**Times Cited in Web of Science Core Collection:** 30

**Total Times Cited:** 30

**Accession Number:** WOS:000467950500004

**Document Type:** Article

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ISSN: 2287-237X

eISSN: 2287-2388

#### Record 91 of 126

**Title:** Experimental evaluation of combustion, emission and performance of research diesel engine fuelled di-methyl- carbonate and biodiesel blends

**Author(s):** Devarajan, Y (Devarajan, Yuvarajan)

**Source:** ATMOSPHERIC POLLUTION RESEARCH **Volume:** 10 **Issue:** 3 **Pages:** 795-801 **DOI:** 10.1016/j.apr.2018.12.007 **Published:** MAY 2019

**Times Cited in Web of Science Core Collection:** 39

**Total Times Cited:** 39

**Accession Number:** WOS:000466482900014

**Document Type:** Article

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ISSN: 1309-1042

#### Record 92 of 126

**Title:** Synthesis of electrical discharge metal matrix composite coating through compacted semi-sintered electrode and its tribological studies

**Author(s):** Arun, I (Arun, Ilangovan); Yuvaraj, C (Yuvaraj, C.); Selvarani, P (Selvarani, P.); Senthilkumaar, JS (Senthilkumaar, J. S.); Thamizhmanii, S (Thamizhmanii, S.); Muruganandam, P (Muruganandam, P.)

**Source:** JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING **Volume:** 41 **Issue:** 5 **Article Number:** 213 **DOI:** 10.1007/s40430-019-1718-7 **Published:** MAY 2019

**Times Cited in Web of Science Core Collection:** 3

**Total Times Cited:** 3

**Accession Number:** WOS:000467909900001

**Document Type:** Article

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ISSN: 1678-5878

eISSN: 1806-3691

**Record 93 of 126**

**Title:** Statistical evaluation and performance analysis of electrical discharge machining (EDM) characteristics of hard Ti-6Al-2Sn-4Zr-2Mo alloy

**Author(s):** Perumal, A (Perumal, A.); Azhagurajan, A (Azhagurajan, A.); Baskaran, S (Baskaran, S.); Prithivirajan, R (Prithivirajan, R.); Narayansamy, P (Narayansamy, P.)

**Source:** MATERIALS RESEARCH EXPRESS **Volume:** 6 **Issue:** 5 **Article Number:** 056552 **DOI:** 10.1088/2053-1591/ab06da **Published:** MAY 2019

**Times Cited in Web of Science Core Collection:** 5

**Total Times Cited:** 5

**Accession Number:** WOS:000459577700010

**Document Type:** Article

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Azhagurajan, A	T-3214-2019	
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ISSN: 2053-1591

**Record 94 of 126**

**Title:** Analysis of handoff delay for proactive spectrum handoff scheme with PRP M/G/1/K queuing system in cognitive radio networks

**Author(s):** Hoque, S (Hoque, Shanidul); Shekhar, S (Shekhar, Shashank); Sen, D (Sen, Debarati); Arif, W (Arif, Wasim)

**Source:** IET COMMUNICATIONS **Volume:** 13 **Issue:** 6 **Pages:** 706-711 **DOI:** 10.1049/iet-com.2018.5687 **Published:** APR 2 2019

**Times Cited in Web of Science Core Collection:** 3

**Total Times Cited:** 3

**Accession Number:** WOS:000462239000010

**Document Type:** Article

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**Record 95 of 126**

**Title:** Synthesis of g-C<sub>3</sub>N<sub>4</sub>/N-doped CeO<sub>2</sub> composite for photocatalytic degradation of an herbicide

**Author(s):** Kesarla, MK (Kesarla, Mohan Kumar); Fuentez-Torres, MO (Octavio Fuentez-Torres, Manuel); Alcludia-Ramos, MA (Antonio Alcludia-Ramos, Manuel); Ortiz-Chi, F (Ortiz-Chi, Filiberto); Espinosa-Gonzalez, CG (Guadalupe Espinosa-Gonzalez, Claudia); Aleman, M (Aleman, Miguel); Torres-Torres, JG (Gilberto Torres-Torres, Jose); Godavarthi, S (Godavarthi, Srinivas)

**Source:** JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T **Volume:** 8 **Issue:** 2 **Pages:** 1628-1635 **DOI:** 10.1016/j.jmrt.2018.11.008 **Published:** APR 2019

**Times Cited in Web of Science Core Collection:** 9

**Total Times Cited:** 10

**Accession Number:** WOS:000469405800005

**Document Type:** Article

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#### Record 96 of 126

**Title:** A comprehensive study on emission and performance characteristics of a diesel engine fueled with nanoparticle-blended biodiesel

**Author(s):** Devarajan, Y (Devarajan, Yuvarajan); Nagappan, B (Nagappan, Beemkumar); Subbiah, G (Subbiah, Ganesan)

**Source:** ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH **Volume:** 26 **Issue:** 11 **Pages:** 10662-10672 **DOI:** 10.1007/s11356-019-04446-1 **Published:** APR 2019

**Times Cited in Web of Science Core Collection:** 34

**Total Times Cited:** 34

**Accession Number:** WOS:000464854500018

**PubMed ID:** 30778926

**Document Type:** Article

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#### Record 97 of 126

**Title:** Design of flexible textile antenna using FR4, jeans cotton and teflon substrates

**Author(s):** Kavitha, A (Kavitha, A.); Swaminathan, JN (Swaminathan, J. N.)

**Source:** MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS **Volume:** 25 **Issue:** 4 **Pages:** 1311-1320 **DOI:** 10.1007/s00542-018-4068-y **Published:** APR 2019

**Times Cited in Web of Science Core Collection:** 5

**Total Times Cited:** 5

**Accession Number:** WOS:000462553200017

**Document Type:** Article

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ISSN: 0946-7076

eISSN: 1432-1858

#### Record 98 of 126

**Title:** An Auto-Calibrated Sense Amplifier with Offset Prediction Approach for Energy-Efficient SRAM

**Author(s):** Reniwal, BS (Reniwal, Bhupendra Singh); Vijayvargiya, V (Vijayvargiya, Vikas); Singh, P (Singh, Pooran); Yadav, NK (Yadav, Nand Kishor); Vishvakarma, SK (Vishvakarma, Santosh Kumar); Dwivedi, D (Dwivedi, Devesh)

**Source:** CIRCUITS SYSTEMS AND SIGNAL PROCESSING **Volume:** 38 **Issue:** 4 **Pages:** 1482-1505 **DOI:** 10.1007/s00034-018-0934-1 **Published:** APR 2019

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Accession Number:** WOS:000461145600005

**Document Type:** Article

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**Record 99 of 126**

**Title:** Composition-dependent xBa(Zr<sub>0.2</sub>Ti<sub>0.8</sub>)O<sub>3</sub>-(1-x)(Ba<sub>0.7</sub>Ca<sub>0.3</sub>)TiO<sub>3</sub> bulk ceramics for high energy storage applications

**Author(s):** Jayakrishnan, AR (Jayakrishnan, A. R.); Alex, KV (Alex, Kevin, V); Thomas, A (Thomas, Athul); Silva, JPB (Silva, J. P. B.); Kamakshi, K (Kamakshi, K.); Dabra, N (Dabra, Navneet); Sekhar, KC (Sekhar, K. C.); Moreira, JA (Moreira, J. Agostinho); Gomes, MJM (Gomes, M. J. M.)

**Source:** CERAMICS INTERNATIONAL **Volume:** 45 **Issue:** 5 **Pages:** 5808-5818 **DOI:** 10.1016/j.ceramint.2018.11.250 **Published:** APR 1 2019

**Times Cited in Web of Science Core Collection:** 17

**Total Times Cited:** 17

**Accession Number:** WOS:000459365500077

**Document Type:** Article

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**Record 100 of 126**

**Title:** Characterization of Musa paradisiaca L. Cellulosic Natural Fibers from Agro-discarded Blossom Petal Waste

**Author(s):** Prithivirajan, R (Prithivirajan, R.); Narayanasamy, P (Narayanasamy, P.); Al-Dhabi, NA (Al-Dhabi, Naif Abdullah); Balasundar, P (Balasundar, P.); Kumar, RS (Kumar, R. Shyam); Ponmurugan, K (Ponmurugan, K.); Ramkumar, T (Ramkumar, T.); Senthil, S (Senthil, S.)

**Source:** JOURNAL OF NATURAL FIBERS **Volume:** 17 **Issue:** 11 **Pages:** 1640-1653 **DOI:** 10.1080/15440478.2019.1588826 **Early Access Date:** MAR 2019

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**Times Cited in Web of Science Core Collection:** 4

**Total Times Cited:** 4

**Accession Number:** WOS:000463500300001

**Document Type:** Article

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**Record 101 of 126****Title:** Performance evaluation and emission characteristics of biodiesel-ignition enhancer blends propelled in a research diesel engine**Author(s):** Joy, N (Joy, Nivin); Yuvarajan, D (Yuvarajan, Devarajan); Beemkumar, N (Beemkumar, Nagappan)**Source:** INTERNATIONAL JOURNAL OF GREEN ENERGY **Volume:** 16 **Issue:** 4 **Pages:** 277-283 **DOI:** 10.1080/15435075.2018.1561455 **Published:** MAR 16 2019**Times Cited in Web of Science Core Collection:** 36**Total Times Cited:** 36**Accession Number:** WOS:000457497900002**Document Type:** Article**Addresses:** [Joy, Nivin; Beemkumar, Nagappan] Sathyabama Inst Sci & Technol, Dept Mech Engr, Chennai, India.

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**ISSN:** 1543-5075**eISSN:** 1543-5083**Record 102 of 126****Title:** Real time violence detection framework for football stadium comprising of big data analysis and deep learning through bidirectional LSTM**Author(s):** Samuel, RDJ (Samuel, Dinesh Jackson R.); Fn timer, E (Fn timer, E.); Manogaran, G (Manogaran, Gunasekaran); Vivekananda, GN (Vivekananda, G. N.); Thanjaivadivel, T (Thanjaivadivel, T.); Jeeva, S (Jeeva, S.); Ahilan, A (Ahilan, A.)**Source:** COMPUTER NETWORKS **Volume:** 151 **Pages:** 191-200 **DOI:** 10.1016/j.comnet.2019.01.028 **Published:** MAR 14 2019**Times Cited in Web of Science Core Collection:** 11**Total Times Cited:** 11**Accession Number:** WOS:000461725700015**Document Type:** Article**Addresses:** [Samuel, Dinesh Jackson R.; Fn timer, E.; Manogaran, Gunasekaran; Thanjaivadivel, T.; Ahilan, A.] Vellore Inst Technol, Chennai 600048, Tamil Nadu, India.

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**ISSN:** 1389-1286**eISSN:** 1872-7069**Record 103 of 126****Title:** Automated power management strategy for wind power generation system using pitch angle controller**Author(s):** Sitharthan, R (Sitharthan, R.); Sundarabalan, CK (Sundarabalan, C. K.); Devabalaji, KR (Devabalaji, K. R.); Yuvaraj, T (Yuvaraj, T.); Imran, AM (Imran, A. Mohamed)**Source:** MEASUREMENT & CONTROL **Volume:** 52 **Issue:** 3-4 **Pages:** 169-182 **DOI:** 10.1177/0020294019827330 **Published:** MAR-APR 2019**Times Cited in Web of Science Core Collection:** 4**Total Times Cited:** 4**Accession Number:** WOS:000482917200003**Document Type:** Article**Addresses:** [Sitharthan, R.] Madanapalle Inst Technol & Sci, Sch Elect & Elect Engr, Madanapalle 517325, Andhra Pradesh, India.

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#### Record 104 of 126

**Title:** Performance improvement of cryogenic turning process during machining of 17-4 PH stainless steel using multi objective optimization techniques

**Author(s):** Sivaiah, P (Sivaiah, Potta); Chakradhar, D (Chakradhar, D.)

**Source:** MEASUREMENT **Volume:** 136 **Pages:** 326-336 **DOI:** 10.1016/j.measurement.2018.12.094 **Published:** MAR 2019

**Times Cited in Web of Science Core Collection:** 15

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**Accession Number:** WOS:000469024100035

**Document Type:** Article

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#### Record 105 of 126

**Title:** Synthesis and characterization of novel Cu, Cu-SiC functionally graded coating by pulse reverse electrodeposition

**Author(s):** Banthia, S (Banthia, Swastika); Sengupta, S (Sengupta, Srijan); Das, S (Das, Siddhartha); Das, K (Das, Karabi)

**Source:** APPLIED SURFACE SCIENCE **Volume:** 467 **Pages:** 567-579 **DOI:** 10.1016/j.apsusc.2018.10.200 **Published:** FEB 15 2019

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**Accession Number:** WOS:000451023500068

**Document Type:** Article

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#### Record 106 of 126

**Title:** Outage Probability Analysis of MIMO-OSTBC Relaying Network Over Nakagami-m Fading Channel Conditions

**Author(s):** Shankar, R (Shankar, Ravi); Kumar, I (Kumar, Indrajeet); Mishra, RK (Mishra, Ritesh Kumar)

**Source:** TRAITEMENT DU SIGNAL **Volume:** 36 **Issue:** 1 **Pages:** 59-64 **DOI:** 10.18280/ts.360108 **Published:** FEB 2019

**Times Cited in Web of Science Core Collection:** 2

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**Accession Number:** WOS:000475498300008

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ISSN: 0765-0019

eISSN: 1958-5608

#### Record 107 of 126

**Title:** Modeling and optimization of sustainable manufacturing process in machining of 17-4 PH stainless steel

**Author(s):** Sivaiah, P (Sivaiah, P.); Chakradhar, D (Chakradhar, D.)

**Source:** MEASUREMENT **Volume:** 134 **Pages:** 142-152 **DOI:** 10.1016/j.measurement.2018.10.067 **Published:** FEB 2019

**Times Cited in Web of Science Core Collection:** 13

**Total Times Cited:** 13

**Accession Number:** WOS:000468223900015



**Document Type:** Article**Addresses:** [Sivaiah, P.] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle, India.

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Dupadu, Chakradhar	AAF-1718-2019	0000-0001-8691-752X

**ISSN:** 0263-2241**eISSN:** 1873-412X**Record 108 of 126****Title:** Survey on Brain-Computer Interface: An Emerging Computational Intelligence Paradigm**Author(s):** Bablani, A (Bablani, Annushree); Edla, DR (Edla, Damodar Reddy); Tripath, D (Tripath, Diwakar); Cheruku, R (Cheruku, Ramalingaswamy)**Source:** ACM COMPUTING SURVEYS **Volume:** 52 **Issue:** 1 **Article Number:** 20 **DOI:** 10.1145/3297713 **Published:** FEB 2019**Times Cited in Web of Science Core Collection:** 4**Total Times Cited:** 4**Accession Number:** WOS:000460376800020**Document Type:** Article**Addresses:** [Bablani, Annushree; Edla, Damodar Reddy] Natl Inst Technol Goa, Ponda 403401, Goa, India.

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**ISSN:** 0360-0300**eISSN:** 1557-7341**Record 109 of 126****Title:** Dielectric resonator array antenna for triple band WLAN applications with enhanced gain**Author(s):** Chakraborty, U (Chakraborty, Ujjal); Biswas, AK (Biswas, Ashim K.); Maity, S (Maity, Sandip); Roy, B (Roy, Bappaditya); Roy, S (Roy, Sourav)**Source:** INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING **Volume:** 29 **Issue:** 2 **Article Number:** e21529 **DOI:** 10.1002/mmce.21529 **Published:** FEB 2019**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Accession Number:** WOS:000459819700014**Document Type:** Article**Addresses:** [Chakraborty, Ujjal; Biswas, Ashim K.; Roy, Sourav] NIT Silchar, Dept ECE, Silchar, Assam, India.

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**ISSN:** 1096-4290**eISSN:** 1099-047X**Record 110 of 126****Title:** The Effectiveness of a Novel Cryogenic Cooling Approach on Turning Performance Characteristics During Machining of 17-4 PH Stainless Steel Material**Author(s):** Sivaiah, P (Sivaiah, P.); Chakradhar, D (Chakradhar, D.)**Source:** SILICON **Volume:** 11 **Issue:** 1 **Pages:** 25-38 **DOI:** 10.1007/s12633-018-9875-3 **Published:** FEB 2019**Times Cited in Web of Science Core Collection:** 10**Total Times Cited:** 10**Accession Number:** WOS:000457881700003**Document Type:** Article**Addresses:** [Sivaiah, P.] Madanapalle Inst Technol & Sci, Dept Mech Engr, Madanapalle 517325, Andhra Pradesh, India.

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#### Record 111 of 126

**Title:** Influence of Ta<sub>2</sub>O<sub>5</sub> Interfacial Oxide Layer Thickness on Electronic Parameters of Al/Ta<sub>2</sub>O<sub>5</sub>/p-Si/Al Heterostructure

**Author(s):** Reddy, NNK (Reddy, N. Nanda Kumar); Akkera, HS (Akkera, Harish Sharma); Sekhar, MC (Sekhar, M. Chandra); Uthanna, S (Uthanna, S.)

**Source:** SILICON **Volume:** 11 **Issue:** 1 **Pages:** 159-164 **DOI:** 10.1007/s12633-018-9840-1 **Published:** FEB 2019

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#### Record 112 of 126

**Title:** Experimental investigation on mechanical properties of Al 7075/Al<sub>2</sub>O<sub>3</sub>/Mg NMMC's by stir casting method

**Author(s):** Suresh, S (Suresh, S.); Gowd, GH (Gowd, G. Harinath); Kumar, MLS (Kumar, M. L. S. Deva)

**Source:** SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES **Volume:** 44 **Issue:** 2 **Article Number:** 51 **DOI:** 10.1007/s12046-018-1021-9 **Published:** FEB 2019

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**Document Type:** Article

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#### Record 113 of 126

**Title:** Experimental investigation of tool wear in cryogenically treated insert during end milling of hard Ti alloy

**Author(s):** Sivalingam, V (Sivalingam, Vinothkumar); Sun, J (Sun, Jie); Selvam, B (Selvam, Baskaran); Murugasen, PK (Murugasen, Pradeep Kumar); Yang, B (Yang, Bin); Waqar, S (Waqar, Saad)

**Source:** JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING **Volume:** 41 **Issue:** 2 **Article Number:** 110 **DOI:** 10.1007/s40430-019-1612-3 **Published:** FEB 2019

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SIVALINGAM, VINOTHKUMAR	N-7438-2016	0000-0002-6705-5933

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**Record 114 of 126**

**Title:** Comparative Analysis of Hetero Gate Dielectric Hetero Structure Tunnel FET and Schottky Barrier FET with n plus Pocket Doping for Suppression of Ambipolar Conduction and Improved RF/Linearity

**Author(s):** Kumar, P (Kumar, Prashanth); Bhowmick, B (Bhowmick, Brinda)

**Source:** JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS **Volume:** 14 **Issue:** 2 **Pages:** 261-271 **DOI:** 10.1166/jno.2019.2488 **Published:** FEB 2019

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**Record 115 of 126**

**Title:** Enhanced fluorescence efficiency and photocatalytic activity of ZnS quantum dots through Ga doping

**Author(s):** Poornaprakash, B (Poornaprakash, B.); Chalapathi, U (Chalapathi, U.); Vattikuti, SVP (Vattikuti, S. V. Prabhakar); Sekhar, MC (Sekhar, M. Chandra);

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**Source:** CERAMICS INTERNATIONAL **Volume:** 45 **Issue:** 2 **Pages:** 2289-2294 **DOI:** 10.1016/j.ceramint.2018.10.143 **Part:** A **Published:** FEB 1 2019

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musalikunta, chandra sekhar	O-5657-2016	0000-0003-1743-8482

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**Record 116 of 126**

**Title:** Optimized traffic control and data processing using IoT

**Author(s):** Kuppusamy, P (Kuppusamy, P.); Kalpana, R (Kalpana, R.); Rao, PVV (Rao, P. V. Venkateswara)

**Source:** CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS **Volume:** 22 **Pages:** 2169-2178 **DOI:** 10.1007/s10586-018-2172-5 **Supplement:** 1 **Published:** JAN 2019

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**Document Type:** Article

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**Record 117 of 126****Title:** Impact of ferroelectric on the electrical characteristics of silicon-germanium based heterojunction Schottky barrier FET**Author(s):** Vinod, A (Vinod, Adla); Kumar, P (Kumar, Prashanth); Bhowmick, B (Bhowmick, Brinda)**Source:** AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS **Volume:** 107 **Pages:** 257-263 **DOI:** 10.1016/j.aeue.2019.05.030 **Published:** 2019**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:000476566600029**Document Type:** Article**Addresses:** [Vinod, Adla] Natl Inst Technol, Dept Elect Engr, Silchar 788010, Assam, India.

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**Record 118 of 126****Title:** Adaptive Energy Aware Quality of Service for Reliable Data Transfer in Under Water Acoustic Sensor Networks**Author(s):** Sundarasekar, R (Sundarasekar, Revathi); Shakeel, PM (Shakeel, P. Mohamed); Baskar, S (Baskar, S.); Kadry, S (Kadry, Seifedine); Mastorakis, G (Mastorakis, George); Mavromoustakis, CX (Mavromoustakis, Constandinos X.); Samuel, RDJ (Samuel, R. Dinesh Jackson); Vivekananda, GN (Vivekananda, G. N.)**Source:** IEEE ACCESS **Volume:** 7 **Pages:** 80093-80103 **DOI:** 10.1109/ACCESS.2019.2921833 **Published:** 2019**Times Cited in Web of Science Core Collection:** 7**Total Times Cited:** 7**Accession Number:** WOS:000474609000001**Document Type:** Article**Addresses:** [Sundarasekar, Revathi] Anna Univ, Chennai 600025, Tamil Nadu, India.

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P, Shakeel	P-4135-2019	

ISSN: 2169-3536

**Record 119 of 126****Title:** Impact of annealing process on electrical characteristics of Ni Schottky rectifiers fabricated on p-type Si**Author(s):** Manjunath, V (Manjunath, V.); Reddy, NNK (Reddy, N. Nanda Kumar); Veni, KK (Veni, K. Krishna); Suvarna, RP (Suvarna, R. Padma); Ananda, P (Ananda, P.); Lakshmaiah, MV (Lakshmaiah, M. V.)**Source:** JOURNAL OF THE INDIAN CHEMICAL SOCIETY **Volume:** 96 **Issue:** 1 **Special Issue:** SI **Pages:** 85-89 **Published:** JAN 2019**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000465053800028**Document Type:** Article; Proceedings Paper**Conference Title:** International Conference on Advances in New Materials (ICAN)**Conference Date:** JUN 08-09, 2018**Conference Location:** Chennai, INDIA**Addresses:** [Manjunath, V.] Sri Padmavati Mahila Visvavidyalayam, Dept Phys, Tirupati 517501, Andhra Pradesh, India.

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ISSN: 0019-4522

**Record 120 of 126**

**Title:** HEAT TRANSFER ENHANCEMENT OF A CASCADED THERMAL ENERGY STORAGE SYSTEM WITH VARIOUS ENCAPSULATION ARRANGEMENTS

**Author(s):** Nagappan, B (Nagappan, Beemkumar); Alagu, K (Alagu, Karthikeyan); Devarajan, Y (Devarajan, Yuvarajan)

**Source:** THERMAL SCIENCE **Volume:** 23 **Issue:** 2 **Pages:** 823-833 **DOI:** 10.2298/TSCI160926227N **Part:** A **Published:** 2019

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**Document Type:** Article

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, Yuvarajan	AAN-7100-2020	

ISSN: 0354-9836

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**Record 121 of 126**

**Title:** Impact of data assimilation and air-sea flux parameterization schemes on the prediction of cyclone Phailin over the Bay of Bengal using the WRF-ARW model

**Author(s):** Singh, KS (Singh, Kuvar S.); Tyagi, B (Tyagi, Bhishma)

**Source:** METEOROLOGICAL APPLICATIONS **Volume:** 26 **Issue:** 1 **Pages:** 36-48 **DOI:** 10.1002/met.1734 **Published:** JAN 2019

**Times Cited in Web of Science Core Collection:** 3

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**Accession Number:** WOS:000459616800004

**Document Type:** Article

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ISSN: 1350-4827

eISSN: 1469-8080

**Record 122 of 126**

**Title:** Unobservable Components Modelling of Monthly Average Maximum and Minimum Temperature Patterns in India 1981-2015

**Author(s):** Viswanath, NMK (Viswanath, Narasimha Murthy Kaipa); Ramachandran, S (Ramachandran, Saravana)

**Source:** PURE AND APPLIED GEOPHYSICS **Volume:** 176 **Issue:** 1 **Pages:** 463-482 **DOI:** 10.1007/s00024-018-1970-2 **Published:** JAN 2019

**Times Cited in Web of Science Core Collection:** 3

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**Accession Number:** WOS:000458464400027

**Document Type:** Article

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**Record 123 of 126****Title:** Finite element solution of stress and flexural strength of functionally graded doubly curved sandwich shell panel**Author(s):** Dash, S (Dash, Sushmita); Mehar, K (Mehar, Kulmani); Sharma, N (Sharma, Nitin); Mahapatra, TR (Mahapatra, Trupti Ranjan); Panda, SK (Panda, Subrata Kumar)**Source:** EARTHQUAKES AND STRUCTURES **Volume:** 16 **Issue:** 1 **Pages:** 55-67 **DOI:** 10.12989/eas.2019.16.1.055 **Published:** JAN 2019**Times Cited in Web of Science Core Collection:** 16**Total Times Cited:** 16**Accession Number:** WOS:000456825100005**Document Type:** Article**Addresses:** [Dash, Sushmita] GITA, Dept Mech Engr, Bhubaneswar 752054, Odisha, India.

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**Record 124 of 126****Title:** Development of Black Corrosion-Resistant Ceramic Oxide Coatings on AA7075 by Plasma Electrolytic Oxidation**Author(s):** Nagumothu, RB (Nagumothu, Ramesh Babu); Thangavelu, A (Thangavelu, Arunnellaiappan); Nair, AM (Nair, Arun Mohan); Sukumaran, A (Sukumaran, Arun); Anjilivelil, T (Anjilivelil, Tomson)**Source:** TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS **Volume:** 72 **Issue:** 1 **Pages:** 47-53 **DOI:** 10.1007/s12666-018-1459-9 **Published:** JAN 2019**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000457005500006**Document Type:** Article**Addresses:** [Nagumothu, Ramesh Babu; Nair, Arun Mohan; Sukumaran, Arun; Anjilivelil, Tomson] Natl Inst Technol, Dept Met & Mat Engr, Tiruchirappalli 620015, Tamil Nadu, India.

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**Record 125 of 126****Title:** An Efficient Approach to Optimize Wear Behavior of Cryogenic Milling Process of SS316 Using Regression Analysis and Particle Swarm Techniques**Author(s):** Rao, MCK (Rao, M. C. Karthik); Malghan, RL (Malghan, Rashmi L.); ArunKumar, S (ArunKumar, S.); Rao, SS (Rao, Shrikantha S.); Herbert, MA (Herbert, Mervin A.)**Source:** TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS **Volume:** 72 **Issue:** 1 **Pages:** 191-204 **DOI:** 10.1007/s12666-018-1473-y **Published:** JAN 2019**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Accession Number:** WOS:000457005500019**Document Type:** Article**Addresses:** [Rao, M. C. Karthik; Rao, Shrikantha S.; Herbert, Mervin A.] NITK, Dept Mech Engr, Surathkal 575025, India.

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Record 126 of 126

**Title:** T-SAW methodology for parametric evaluation of surface integrity aspects in AlMg3 (AA5754) alloy: Comparison with T-TOPSIS methodology

**Author(s):** Sahu, AK (Sahu, Atul Kumar); Sahu, NK (Sahu, Nitin Kumar); Sahu, AK (Sahu, Anoop Kumar); Rajput, MS (Rajput, Mridul Singh); Narang, HK (Narang, Harendra Kumar)

**Source:** MEASUREMENT **Volume:** 132 **Pages:** 309-323 **DOI:** 10.1016/j.measurement.2018.09.037 **Published:** JAN 2019

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**Accession Number:** WOS:000449097100028

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