

Documents

1) Suresh, S.a , Gowd, G.H.b , Devakumar, M.L.S.a

Corrosion Behaviour of Al 7075/Al₂O₃/SiC MMNCs by Weight Loss Method

(2018) *Journal of Bio- and Tribo-Corrosion*, 4 (4), art. no. 62,

a Department of Mechanical Engineering, JNTUA, Anantapuramu, A.P, India

b Department of Mechanical Engineering, MITS, Madanapalle, A.P 517325, India

Document Type: Article

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2) Soni, A.K.a b , Rao, B.P.b

Lock-in Amplifier Based Eddy Current Instrument for Detection of Sub-surface Defect in Stainless Steel Plates

(2018) *Sensing and Imaging*, 19 (1), art. no. 32, .

a Madanapalle Institute of Technology and Sciences, Madanapalle, Andhra Pradesh, India

b Nondestructive Evaluation Division, MMG, IGCAR, Kalpakkam, Tamil Nadu, India

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3) Kumar, H.a , Mishra, M.K.b , Mishra, S.c

Laboratory investigation of gas permeability and its impact on CBM potential

(2018) *Journal of Petroleum Exploration and Production Technology*, 8 (4), pp. 1183 -1197.

a Department of Mechanical Engineering, MITS, Madanapalle, 517325, India

b Department of Mining Engineering, NIT Rourkela, Rourkela, Odisha 769008, India

c Department of Chemical Engineering, NIT Rourkela, Rourkela, Odisha 769008, India

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4) Rajendra, P.a , Subbarao, A.a , Ramu, G.a , Brahmajirao, V.b

Prediction of drug solubility on parallel computing architecture by support vector machines

(2018) *Network Modeling Analysis in Health Informatics and Bioinformatics*, 7 (1), art. no. 13,

a Department of Mathematics, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, India

b School of Biotechnology, MGNIRSA, D.S.R. Foundation, Hyderabad, India

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5) Venkateswarlu, B.a , Satya Narayana, P.V.b , Tarakaramu, N.b

Melting and viscous dissipation effects on MHD flow over a moving surface with constant heat source

(2018) *Transactions of A. Razmadze Mathematical Institute*, 172 (3), pp. 619-630. Cited 1 time.

a Department of Mathematics, Madanapalle Institute of Technology & Science, Madanapalle, 517325, AP, India

b Department of Mathematics, SAS, VIT University, Vellore, 632 014, TN, India

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6) Sahu, N.K.a , Sahu, A.K.a , Sahu, A.K.b

Green supply chain management assessment under chains of uncertain indices: An intellectual approach

(2018) *Journal of Modelling in Management*, 13 (4), pp. 973-993.

a Department of Industrial and Production Engineering, School of Studies in Engineering and Technology, Guru Ghasidas University, Bilaspur, India

b Department of Management Studies, Madanapalle Institute of Technology and Sciences, Madanapalle, India

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7) Murkute, P.a , Sushama, S.b , Ghadi, H.b , Saha, S.c , Chakrabarti, S.b

Effects of phosphorus implantation time on the optical, structural, and elemental properties of ZnO thin films and its correlation with the 3.31-eV peak

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a Centre for Research in Nanotechnology and Science, Indian Institute of Technology, Mumbai, 400076, India

b Department of Electrical Engineering, Indian Institute of Technology, Mumbai, 400076, India

c Department of Electronics and Communication Engineering, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India

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8) Bandapalli, C.a , Singh, K.K.b , Sutaria, B.M.c , Bhatt, D.V.d

Experimental investigation of top burr formation in high-speed micro-end milling of titanium alloy

(2018) *Machining Science and Technology*, 22 (6), pp. 989-1011.

a Department of Mechanical Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, India

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9) Rangarajan, V., Thulasi Krishna, K.

An empirical study on retail demand for store brand pickles in Tirunelveli, Tamil Nadu

(2018) *Indian Journal of Public Health Research and Development*, 9 (11), pp. 27-32.

Department of Management Studies, MITS, Chittoor District, Madanapalle, AP, India

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11) Sivaiah, P.a , Chakradhar, D.b

Analysis and Modeling of Cryogenic Turning Operation Using Response Surface Methodology

(2018) *Silicon*, 10 (6), pp. 2751-2768. Cited 2 times.

a Department of Mechanical Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh 517325, India

b Mechanical Engineering, Indian Institute of Technology Palakkad, Palakkad, Kerala 678557, India

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10) Dey, A.a , Pandey, K.M.b

Wear behaviour of Mg alloys and their composites-a review

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a Department of Mechanical Engineering, Madanapalle Institute of Technology and Science, Madanapalle, India

b Department of Mechanical Engineering, National Institute of Technology, Silchar, India

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13) Singh, M.K.a , Sahu, S.A.a , Singhal, A.a , Chaudhary, S.a b

Approximation of surface wave velocity in smart composite structure using Wentzel–Kramers–Brillouin method

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a Indian Institute of Technology (Indian School of Mines), Dhanbad, Dhanbad, India

b Madanapalle Institute of Technology & Science, Madanapalle, India

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14) Reddy, B.P.a , Sekhar, M.C.a b , Prakash, B.P.a , Suh, Y.a , Park, S.-H.a

Photocatalytic, magnetic, and electrochemical properties of La doped BiFeO₃ nanoparticles

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a Department of Electronic Engineering, Yeungnam University, Gyeongsangbuk-do, South Korea

b Department of Physics, Madanapalle Institute of Technology and Science, Madanapalle, 51732 5, India

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Publication Stage: Final

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15) Koduru, H.K.a e , Marinov, Y.G.b , Hadjichristov, G.B.b , Petrov, A.G.b , Godbert, N.c , Scaramuzza, N.a d

Polyethylene oxide (PEO) – Liquid crystal (E8) composite electrolyte membranes: Microstructural, electrical conductivity and dielectric

studies

(2018) *Journal of Non-Crystalline Solids*, 499, pp. 107-116.

a Dipartimento di Fisica, Università degli Studi della Calabria, Via P. Bucci, Cubo 33B, Rende (CS), 87036, Italy

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16) Poornaprakash, B.a , Chalapathi, U.a , Sekhar, M.C.a d , Rajendar, V.a , Vattikuti, S.V.P.b , Pratap Reddy, M.S.c , Suh, Y.a , Park, S.-H.a

Effect of Eu³⁺ on the morphology, structural, optical, magnetic, and photocatalytic properties of ZnO nanoparticles

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a Department of Electronic Engineering, Yeungnam University, Gyeongsan, 38541, South Korea

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d Department of Physics, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India

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17) Chandra Sekhar, M.a d , Purusottam Reddy, B.a , Prabhakar Vattikuti, S.V.b , Shanmugam, G.c , Ahn, C.-H.a , Park, S.-H.a

Structural, Magnetic, and Catalytic Properties of Mn-Doped Titania Nanoparticles Synthesized by a Sol–Gel Process

(2018) *Journal of Cluster Science*, 29 (6), pp. 1255-1267.

a Department of Electronic Engineering, Yeungnam University, 280 Daehak-ro, Gyeongsan-si, Gyeongsangbuk-do 3854, South Korea

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18) Neetua , Singh, S.b , Rao, P.N.a , Jayaganathan, R.a , Midathada, A.c , Verma, K.d , Ravella, U.K.e

Elevated corrosion in strain hardened Al–Mg alloy

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a Metallurgical and Materials Engineering Department, Indian Institute of Technology Roorkee, Roorkee, India

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e Department of Mechanical Engineering, Madanapalle Institute of Technology and Science Andhra Pradesh, India

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19) Krishna, K.S., Basha, S.A.

Behavioural analysis of consumers towards fairness cream brands and their preferences; with reference to hul, madanapalle, chittoor district

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20) Somasekhar, G., Ahamed Basha, S., Rangarajan, V.

Predication of shoppers' perceptual differences in traditional retail stores: An application of discriminant analysis

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21) Chengal Reddy, V.a , Harinath Gowd, G.b , Deva Kumar, M.L.S.a

Multi response optimization of laser beam micromilling using Taguchi based grey relational analysis

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a Department of Mechanical Engineering, JNTUA College of Engineering, Ananthapuramu, Andhra Pradesh, India

b Department of Mechanical Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, India

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22) Siva Prasad, T.a , Yuvaraj, C.a , Rao, K.P.b

Analysis and Optimization of Metal Injection Molding Feedstock SS 316L for Rheological Properties

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a Department of Mechanical Engineering, Madanapalle Institute of Technology & Science, Madanapalle, India

b Department of Mechanical Engineering, J.N.T.U.A.C.E, Anantapuramu, India

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23) Singh, K.S.a , Bhaskaran, P.K.b

Impact of lateral boundary and initial conditions in the prediction of Bay of Bengal cyclones using WRF model and its 3D-VAR data assimilation system

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a Department of Mathematics, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India

b Ocean Engineering and Naval Architecture, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal 721302, India

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24) Sahu, A.K.a b , Narang, H.K.a , Rajput, M.S.a , Sahu, N.K.b , Sahu, A.K.c

Performance modeling and benchmarking of green supply chain management: An integrated fuzzy approach

(2018) *Benchmarking*, 25 (7), pp. 2248-2271. Cited 1 time.

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b Department of Industrial and Production Engineering, Guru Ghasidas University, Bilaspur, India

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25) Singh, V.K.a b , Kumar, E.A.a c , Saha, B.B.d e

Adsorption isotherms, kinetics and thermodynamic simulation of CO₂-CSAC pair for cooling application

(2018) *Energy*, 160, pp. 1158-1173.

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0395, Japan

e Mechanical Engineering Department, Kyushu University, 744 Motooka, Nishi-ku, Fukuoka,
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26) Priyavarthini, S.a , Nagamani, C.a , Ilango, G.S.a , Rani, M.A.A.b

**An improved control for simultaneous sag/swell mitigation and reactive power support in
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a Department of Electrical and Electronics Engineering, National Institute of Technology,
Tiruchirappalli, India

b Department of Electrical and Electronics Engineering, Madanapalle Institute of Technology
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27) Syed, B.a d , Nagendra Prasad, M.N.b , Mohan Kumar, K.c , Satish, S.d

**Bioconjugated nano-bactericidal complex for potent activity against human and
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a Siberian Federal University, 79 Svobodny pr., Krasnoyarsk, 660041, Russian Federation

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d Bionanotechnological Laboratory, Department of Studies in Microbiology, Manasagangotri,
University of Mysore, Mysore, Karnataka 570 006, India

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28) Sitharthan, R., Swaminathan, J.N., Parthasarathy, T.

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Department of ECE, MITS, Andhra Pradesh, India

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29) Saravana, R.a , Vajravelu, K.b , Sreenadh, S.c

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c Department of Mathematics, Sri Venkateswara University, Tirupati, 517 502, India

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Publication Stage: Final

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Numerical investigations on magnetic field modeling for Carreau non-Newtonian fluid flow past an isothermal sphere

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a Department of Mathematics, Jawaharlal Nehru Technological University, Anantapur, Anantapuramu, 515002, India

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c Department of Mathematics, JNTUA College of Engineering, Pulivendula, Andhra Pradesh, India

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31) Babu, B.J.a b , Egaas, B.c , Velumani, S.b

Selenization of CIS and CIGS layers deposited by chemical spray pyrolysis

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a Department of Physics, Madanapalle Institute of Technology and Science, Angallu, Chittoor, A.P. 517325, India

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c National Renewable Energy Laboratory, 1617 Cole Boulevard, Golden, CO 80401, United States

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a Department of ECE, Kumaraguru College of Technology, Coimbatore, India

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Efficient Hand Gesture Recognition for Traffic Control System Using ti Sensor Tag

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a Department of ECE, Madanapalle Institute of Technology and Science, Madanapalle, India

b Department of CSE, CMR Institute of Technology, Hyderabad, India

Document Type: Conference Paper

Source: Scopus

34) Silva, J.P.B.a b , Kamakshi, K.c , Negrea, R.F.d , Ghica, C.d , Wang, J.e , Koster, G.e , Rijnders, G.e , Figueiras, F.b f , Pereira, M.a , Gomes, M.J.M.a

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a Centre of Physics, University of Minho, Campus de Gualtar, Braga, 4710-057, Portugal

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f Department of Physics and CICECO-A IM, University of Aveiro, Aveiro, 3810-193, Portugal

Document Type: Article

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35) Muralidhar Singh, M.a , Nagesha, K.V.a , Chandra, G.R.b

Simulation studies on multilayer coatings for solar absorptance

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a Department of Mechanical Engineering, Madanapalle Institute of Technology and Science, Angollu, Madanapalle, Chittoor District, Andhra Pradesh, India

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36) Nagesha, K.V.a , Singh, M.a , Chandra, G.R.b

Development of empirical model to predict particulate matter

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a Department of Mechanical Engineering, Madanapalle Institute of Technology and Science, Angollu, Madanapalle, Chittoor District, Andhra Pradesh, India

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37) Chandra, G.R.a , Sastry, V.R.b

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a Department of Electrical and Electronics Engineering, Madanapalle Institute of Technology and Science, Angollu, Madanapalle, Chittoor District,

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Document Type: Conference Paper

Publication Stage: Final

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Digital Fuzzy Current Mode Controlled Integrated PFC Converter with External Ramp Compensation

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517325, India

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40) Mathew, A.a b , Khandelwal, S.b , Kaul, N.b

Spatio-temporal variations of surface temperatures of Ahmedabad city and its relationship with vegetation and urbanization parameters as indicators of surface temperatures

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a Department of Civil Engineering, Madanapalle Institute of Technology & Science, Angallu, Madanapalle ,517325, Chittoor District, Andhra Pradesh, India

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41) Kamakshi, K.a b c , Silva, J.P.B.a b , Sekhar, K.C.d , Agostinho Moreira, J.b , Almeida, A.b , Pereira, M.a , Gomes, M.J.M.a

Substrate Temperature Effect on Microstructure, Optical, and Glucose Sensing Characteristics of Pulsed Laser Deposited Silver Nanoparticles

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a Centre of Physics, University of Minho, Campus de Gualtar, Braga, 4710-057, Portugal

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42) Murkute, P.a , Vatsa, S.b , Ghadi, H.b , Saha, S.c , Chakrabarti, S.b

Role of Pzn-2Vzn centre on the luminescence properties of phosphorus doped ZnO thin films by varying doping concentration

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a Department of Electronics & Communication Engineering, Motilal Nehru National Institute of Technology, Allahabad, 211004, India

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Experimental investigations to reduce unwanted evaporative losses of drinking water from a clay pot

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a Mechanical Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, India

b Mathematics Department, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, India

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Investigating spatio-temporal surface urban heat island growth over Jaipur city using geospatial techniques

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b Department of Civil Engineering, Malaviya National Institute of Technology Jaipur, Jaipur, Rajasthan 302017, India

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46) Senophiyah-Mary, J.a , Loganath, R.b , Meenambal, T.c

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b Department of Civil Engineering, Indian Institute of Engineering Science and Technology gy, West Bengal, India

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47) Bera, R.a , Mandal, D.b , Kar, R.b , Ghoshal, S.P.c

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