



PSGR KRISHNAMMAL COLLEGE FOR WOMEN
College with Potential for Excellence
(An Autonomous Institution, Affiliated to Bharathiar University)
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Peelamedu, Coimbatore-641004



List of Publication's-2016

S.No	Title of the paper	Name of the author	Title of the journal
1	Investigation of structural, optical and morphological properties of copper doped zinc sulphide nanoparticles	Balavijayalakshmi, J.; Manju, S.	Materials Science in Semiconductor Processing
2	Effect of particle size on optical and electrical properties in mixed CdS and NiS nanoparticles synthesis by ultrasonic wave irradiation method	Mohanraj, V.; Jayaprakash, R.; Robert, R.; Balavijayalakshmi, J.; Gopi, S.	Materials Science in Semiconductor Processing
3	New possibility on InZnO nano thin film for green emissive optoelectronic devices	Sugumaran, Sathish; Bin Ahmad, Mohd Noor; Jamlos, Mohd Faizal; Bellan, Chandar Shekar; Chandran, Sharmila; Sivaraj, Manoj	Optical Materials
4	Evaluation of polyphenol composition and anti-corrosion properties of <i>Cryptostegia grandiflora</i> plant extract on mild steel in acidic medium	Prabakaran, Mayakrishnan; Kim, Seung-Hyun; Hemapriya, Venkatesan; Chung, Ill-Min	Journal of Industrial and Engineering Chemistry
5	N-heterocycles as corrosion inhibitors for mild steel in acid medium	Saranya, Jagadeesan; Sowmiya, Murugaiyan; Sounthari, Palanisamy; Parameswari, Kandhasamy; Chitra, Subramanian; Senthilkumar, Kittusamy	Journal of Molecular Liquids
6	Acenaphtho[1,2-b]quinoxaline and acenaphtho[1,2-b]pyrazine as corrosion	Saranya, J.; Sounthari, P.; Parameswari, K.; Chitra, S.	Measurement

	inhibitors for mild steel in acid medium		
7	Dry and wet lab analysis on benzofused heterocyclic compounds as effective corrosion inhibitors for mild steel in acidic medium	Hemapriya, Venkatesan; Prabakaran, Mayakrishnan; Parameswari, Kandasamy; Chitra, Subramanian; Kim, Seung-Hyun; Chung, Ill-Min	Journal of Industrial And Engineering Chemistry
8	Soya bean oil based polyurethanes for corrosion inhibition of mild steel in acid medium	Eswaramoorthi, Valarmathi; Jagadeesan, Saranya; Palanisamy, Sounthari; Kandhasamy, Parameswari; Chitra, Subramanian	Journal of Adhesion Science and Technology
9	Organic Cultivation of Medicinal Plants: Influence of Composted Coir Pith on the Growth and Yield of Coleus forskohlii (willd.) Briq	Padmadevi, S. N.; Bai, R. S. Meera; William, S. P. M. Prince; Sunithakumari, K.	Compost Science & Utilization
10	Phosphorus Supplementation Alleviation of the Cadmium-Induced Toxicity by Modulating Oxidative Stress Mechanisms in Vetiver Grass [Chrysopogon zizanioides (L.) Roberty]	Manikandan, R.; Ezhili, N.; Venkatachalam, P.	Journal of Environmental Engineering
11	Existence and Exponential Stability of Solutions to Stochastic Neutral Functional Differential Equations	Arthi, G.; Park, J.H.; Jung, H.Y.	Communications in Nonlinear Science and Numerical Simulation
12	Highly efficient Ligularia fischeri green extract for the protection against corrosion of mild steel in acidic medium: Electrochemical and spectroscopic investigations	Prabakaran, M.; Kim, S.H.; Kalaiselvi, K.; Hemapriya, V.; Chung, I.M.	Journal of the Taiwan Institute of Chemical Engineers
13	Tragia plukenetii extract as an eco-friendly inhibitor for mild steel corrosion in HCl 1 M acidic medium	Prabakaran, M.; Kim, S.H.; Hemapriya, V.; Chung, I.M.	Research on chemical intermediates

14	Rhus verniciflua as a green corrosion inhibitor for mild steel in 1 M H ₂ SO ₄	Prabakaran, M.; Kim, S.H.; ; Hemapriya, V.; Gopiraman, M.; Kim, I. S.; Chung, I.M.	RSC Advances
15	Corrosion inhibition of N80 steel in 15% HCl by pyrazolone derivatives: electrochemical, surface and quantum chemical studies	Ansari, K.R.; Quraishi, M.A.; Ambrish, S.; Sowmya, R.; Obote, I.B.	RSC Advances
16	Non-fragile observer-based passive control for discrete-time systems with repeated scalar non-linearities	Arthi, G.; Lee, T.H.; Park, J.H.; Jung, H.Y.	IMA Journal of Mathematical control and information
17	Zinc solubilizing bacterial isolates from the agricultural fields of Coimbatore, Tamil Nadu, India	Sunithakumari, K.; Padma Devi, S.N.; Vasandha, S.	Current Science
18	Synthesis, Characterization, Single-Crystal XRD, and Biological Evaluation of Nickel(II) Salen Sulfadiazine Complex	Jone Kirubavathy, S.; Velmurugan, R.; Tamilarasan, B.; Karvembu, R.; Bhuvanesh, N.S.P.; Chitra, S.	Synthesis and reactivity in inorganic, metal organic and nano-metal chemistry
19	Co(II) complex of 2-amino-6-methylbenzothiazole: Synthesis, structure and biological evaluation	Kirubavathy, SJ; Velmurugan, R; Karvembu, R; Bhuvanesh, NSP; Enoch, IVMV; Selvakumar, PM; Chitra, S	Indian Journal of Chemistry Section A - Inorganic and Bio-Inorganic Physical Theoretical & Analytical Chemistry
20	Assessment of competence of the Pseudomonas aeruginosa to solubilize insoluble form of zinc under various cultural parameters	Devi, SNP; Kumari, KS; Vasandha, S	Arabian Journal for Science and Engineering
21	Corrosion investigations on zircaloy-4 and titanium dissolver materials for MOX fuel dissolution in concentrated nitric acid containing fluoride ions	Jayaraj, J; Krishnaveni, P; Krishna, DNG; Mallika, C; Mudali, UK	Journal of Nuclear Materials

22	Corrosion inhibition property of polyester-groundnut shell biodegradable composite	Sounthari, P; Kiruthika, A; Saranya, J; Parameswari, K; Chitra, S	Ecotoxicology and Environmental Safety
23	Graph cut based segmentation method for tamil continuous speech	Laxmi Sree, B.R., Vijaya, M.S.	Communications in Computer and Information Science
24	Community detection based on girvan newman algorithm and link analysis of social media	Sathiyakumari, K., Vijaya, M.S.	Communications in Computer and Information Science
25	Cancellable multimodal biometric user authentication system with fuzzy vault	Sorubae, S.R., Radha, N.	2016 International Conference on Computer Communication and Informatics, ICCCI 2016
26	Multimodal biometric template authentication of finger vein and signature using visual cryptography	Nandhinipreetha, A., Radha, N.	2016 International Conference on Computer Communication and Informatics, ICCCI 2016
27	Classification of Heart Rate data using BFO-KFCM clustering and improved extreme learning machine classifier	Kavitha, R., Christopher, T.	2016 International Conference on Computer Communication and Informatics, ICCCI 2016
28	Securing Data Transmission in MANET using An improved Cooperative Bait Detection approach	Nachammai, M.; Radha, N.	2016 IEEE International Conference On Advances In Computer Applications (ICACA)
29	Shot Change Detection on News Videos using Color Histogram and Edge Based Approaches	Brindha, M.; Amsaveni, R.	2016 IEEE International Conference On Advances In Computer Applications (ICACA)