



PSGR KRISHNAMMAL COLLEGE FOR WOMEN

College of Excellence

NIRF 2017 – 14th Rank

(An Autonomous Institution, Affiliated to Bharathiar University)

(Reaccredited with 'A' Grade by NAAC, An ISO 9001:2008 Certified Institution)

Peelamedu, Coimbatore-641004



List of Publication's-2018

S.No	Title of the paper	Name of the author	Title of the journal
1	Exponential stability behavior of neutral stochastic integrodifferential equations with fractional Brownian motion and impulsive effects	Ma, Yong-Ki; Arthi, G.; Anthoni, S. Marshal	Advances in Difference Equations
2	Exploring the structure and stability of beta-dipeptide - A quantum chemical and molecular dynamics study	Abiram, A.; Praveena, G.	Indian Journal of Pure and Applied Physics
3	Quantum Chemical Study on the Structure and Energetics of Binary Ionic Porphyrin Complexes	Jayachandran, Pavithra; Angamuthu, Abiram; Gopalan, Praveena	Journal of the Chinese Chemical Society
4	Morphology-dependent electrochemical properties of sol-gel synthesized LiCoPO ₄ for aqueous hybrid capacitors	Priyadharsini, Natarajan; Shanmugapriya, Sathyanarayanan; Kasturi, Palanisamy Rupa; Surendran, Subramani; Selvan, Ramakrishnan Kalai	Electrochimica Acta
5	Improved electrochemical performances of LiMnPO ₄ synthesized by a hydrothermal method for Li-ion supercapatteries	Priyadharsini, Natarjan; Shanmugavani, Amirthalingam; Surendran, Subramani; Senthilkumar, Baskar; Vasylechko, Leonid; Selvan, Ramakrishnan Kalai	Journal of Materials Science - Materials in Electronics
6	Sol-gel synthesis, structural refinement, and electrochemical properties of potassium manganese	Priyadharsini, N.; Shanmugavani, A.; Vasylechko, Leonid; Selvan, R. Kalai	Ionics

	phosphate for supercapacitors		
7	Tamarind seed skin-derived fiber-like carbon nanostructures as novel anode material for lithium-ion battery	Sahu, Sumit Ranjan; Devi, D. Parimala; Phanikumar, V. V. N.; Ramesh, T.; Rajalakshmi, N.; Praveena, G.; Prakash, R.; Das, Bijoy; Gopalan, R.	Ionics
8	Effect of chelating agent on the sol-gel thermolysis synthesis of LiNiPO ₄ and its electrochemical properties for hybrid capacitors	Priyadharsini, N.; Kasturi, P. Rupa; Shanmugavani, A.; Surendran, S.; Shanmugapriya, S.; Selvan, R. Kalai	Journal of Physics and Chemistry of Solids
9	Linear polyesters as effective corrosion inhibitors for steel rebars in chloride induced alkaline medium - An electrochemical approach	Unnisa, Chan Basha Nusrath; Devi, Gowraraju Nirmala; Hemapriya, Venkatesan; Chitra, Subramanian; Chung, Ill-Min; Kim, Seung-Hyun; Prabakaran, Mayakrishnan	Construction and Building Materials
10	Synthesis, characterization and biological investigations of novel Schiff base ligands containing imidazoline moiety and their Co(II) and Cu(II) complex	Radha, V. P.; Kirubavathy, S. Jone; Chitra, S.	Journal of Molecular Structure
11	Polygonatum odoratum extract as an eco-friendly inhibitor for aluminum corrosion in acidic medium	Prabakaran, Mayakrishnan; Kim, Seung-Hyun; Sasireka, Asokan; Kalaiselvi, Kathirvel; Chung, Ill-Min	Journal of Adhesion Science and Technology
12	Corrosion resistance of mild steel in sulphuric acid solution by Coreopsis tinctoria extract: electrochemical and surface studies	Kalaiselvi, Kathirvel; Chung, Ill-Min; Kim, Seung-Hyun; Prabakaran, Mayakrishnan	Anti-Corrosion Methods and Materials
13	Study of bio-synthesised transition nano metal oxides dispersed polyester composites as enhanced	Unnisa, C. Nusrath; Devi, G. Nirmala; Roopan, Selvaraj Mohana; Chitra, Subramanian	Journal of Adhesion Science and Technology

	protectors for mild steel in 0.5 M H ₂ SO ₄ medium-a green approach		
14	Relationship between drought and preharvest aflatoxin contamination in groundnut (<i>Arachis hypogaea</i> L.)	Jeyaramraja, P. R.; Meenakshi, S. Nithya; Woldesenbet, F.	World Mycotoxin Journal
15	A versatile on-off-on quinoline pyrazoline hybrid for sequential detection of Cu ²⁺ and S ⁻ ions towards bio imaging and tannery effluent monitoring	Subashini, Gopalan; Saravanan, Arjunan; Shyamsivappan, Selvaraj; Arasakumar, Thangaraj; Mahalingam, Viswanathan; Shankar, Ramasamy; Mohan, Palathurai Subramaniam	Inorganic Chimica Acta
16	Comparative study of adsorption of linear aliphatic/aromatic polyesters at metal/0.5 M H ₂ SO ₄ interface	Unnisa, C. Nusrath; Chitra, Subramanian	Journal of Environmental Chemical Engineering
17	Assessment of Low Carbon Steel Corrosion Inhibition by Eco-Friendly Green <i>Chaenomeles sinensis</i> Extract in Acid Medium	Chung, Ill-Min; Hemapriya, Venkatesan; Ponnusamy, Kanchana; Arunadevi, Natarajan; Chitra, Subramanian; Hee-Youn, Chi; Kim, Seung-Hyun; Prabakaran, Mayakrishnan	Journal of Electrochemical Science and Technology
18	Recent reviews on quinoline derivatives as corrosion inhibitors	Lavanya, K.; Saranya, J.; Chitra, S.	Corrosion Reviews
19	Development of poly(glycerol suberate) polyester (PGS)-PVA blend polymer electrolytes with NH ₄ SCN and its application	Unnisa, C. Nusrath; Chitra, S.; Selvasekarapandian, S.; Monisha, S.; Devi, G. Nirmala; Moniha, V.; Hema, M.	Ionics
20	Induced Ferromagnetism in Fe Doped CeO ₂ Nanoparticles	Shanmuga Sundari, S., Sugan, S., Pabitha, G.	Materials Today: Proceedings

21	Identification of subgroups in a directed social network using edge betweenness and random walks	Sathiyakumari, K., Vijaya, M.S.	Smart Innovation, Systems and Technologies
22	Enhanced Antimicrobial activity of Aloe vera blended Zinc Oxide Nanoparticles in PVA matrix	Chandran, S., Sunny, J.C., Chandran, S., Bellan, C.	Materials Today: Proceedings
23	Predicting binding affinity based on docking measures for spinocerebellar ataxia: A study	Asha, P.R., Vijaya, M.S.	Smart Innovation, Systems and Technologies