

Scopus Indexed Publications

2019

S. No	Publication details	Citations
Dr. Shiny Palatty – Department of Chemistry		
1.	Anju C, Shiny Palatty (2019) Ternary doped polyaniline-metal nanocomposite as high performance supercapacitive material, <i>Electrochimica Acta</i> , Vol 299, pp 626-635.	7
2.	Anju C, Shiny Palatty , “Enhanced Dielectrical Performance of Polyaniline-Binary Transition Metal Composites”, <i>Journal of Electronic Materials</i> , Vol. 48, No.10, 6710–6715.	1
3.	Anju C., Shiny Palatty , “Effect of Mn ²⁺ as a redox additive on ternary doped polyaniline-metal nanocomposite: an efficient dielectric material”, <i>Journal of material science : Materials in Electronics</i> , Vol. 30, 21138-21149.	1
Dr. Anu George – Department of Chemistry		
4.	George , A. Sundar, A. S. Nair, M. P. Maman, B. Pathak, N. Ramanan and S. Mandal, “Identification of intermediate Au ₂₂ (SR) ₄ (SR') ₁₄ cluster on ligand induced transformation of Au ₂₅ (SR) ₁₈ nanocluster”, <i>J. Phys. Chem. Lett</i> , Vol.10, 4571-4576.	6
5.	George , M. P. Maman, K. Bhattacharyya, S. D. Chakraborty, S. Anjusree, B. C. Das, D. Senapati, A. Datta and S. Mandal, “Aggregation-induced Non-emissive-to- Emissive switching of molecular platinum clusters”, <i>Nanoscale</i> , Vol. 11, 5914-5922.	4
Dr. Riju K. Thomas – Department of Physics		
6.	Thomas, R. K. , Sukumaran, S., Prasanth, S. and Sudarsanakumar C., “Revealing the Interaction Strategy of Diosmin functionalized Gold Nanoparticles with ctDNA: Multi-spectroscopic, Calorimetric and Thermodynamic approach”, <i>Journal of Luminescence</i> , Vol. 205, 265-276.	6
7.	Thomas, R. K. , Sukumaran, S. and Sudarsanakumar C., “Photobehaviour and in vitro binding strategy of natural drug, chlorogenic acid with DNA: A case of groove binding”, <i>Journal of Molecular Structure</i> , Vol. 1178,62-72.	10
8.	Thomas, R. K. , Sukumaran, S., and Sudarsanakumar C., “Photophysical and Thermodynamic Evaluation on the in vitro and in silico binding profile of Camptothecin with DNA”, <i>Biophysical Chemistry</i> , Vol. 246, 40-49.	3
9.	Thomas, R. K. , Sukumaran, S. and Sudarsanakumar, C., “An insight into the comparative binding affinities of chlorogenic acid functionalized gold and silver nanoparticles with ctDNA along with its cytotoxicity analysis”, <i>Journal of Molecular Liquids</i> , Vol. 287, 110911.	7
10.	Sudarsanakumar C., Thomas S., Mathew S., Arundhathi, S., Raj D. R., Prasanth S. and Thomas R. K. , “Selective sensing of Curcumin using L-	4

	cysteine derived blue luminescent Graphene Quantum Dots”, <i>Materials Research Bulletin</i> , Vol. 110, 32- 38.	
Dr. John T. Abraham – Department of Physics		
11.	Murugan R., John T. Abraham , Ibrahim Salim, “A Robust Watermarking Technique for Copyright Protection For Relational Databases”, <i>International Journal of Recent Technology And Engineering</i> , 8	1
Dr. Priyalakshmi G – Department of Zoology		
12.	Tapas Chatterjee, Geetha Priyalakshmi & Antonio Todaro M. (2019) An annotated checklist of the macrodasyidan Gastrotricha from India. <i>Zootaxa</i> , 4545(4): 495-510 (ISSN 1175-5326).	2
Dr. K. V. Thomas - Department of Mathematics		
13.	Geena Joy and K V Thomas , “Lattice vector spaces and linear transformations”, <i>Asian-European Journal of Mathematics</i> , Vol. 12, No. 1, 1950031.	0
Dr. Lakshmi C. - Department of Mathematics		
14.	Lakshmi C. and A. Awasthi, “Quintic Trigonometric Spline based Numerical Scheme for Nonlinear Modified Burgers’ Equation”, <i>Numerical methods for Partial Differential Equations</i> , Vol. 35, No. 3, 1269-1289.	1
Ann Mary Jones – Department of Travel and Tourism		
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Semichan Joseph – Department of Social Work		
16.	Semichan Joseph and D. Nirmala, “Professional challenges faced by school counselors – development of school counselor’s professional challenges scale (SCPCS)” <i>International journal of analytical and experimental modal analysis</i> , Volume XI, Issue IX September	0
17.	Semichan Joseph and D. Nirmala, “A study on job satisfaction among women school counselors in Kerala.” <i>Journal of Information and Computational Science</i> , Volume 9 Issue 9, September	1
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18.	John A. K., Palatty S. (2018) Influence of solvent and pH on the synthesis of visible light active titanium dioxide nano particles. <i>Journal of Sol-Gel Science and Technology</i> . 1573-4846.	4

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19.	Awasthee N., Rai V., Verma S.S, Francis S. K. , Nair M.S. Gupta C.S., (2018) Anti-cancer activities of Bharangin against breast cancer: Evidence for the role of NF-κB and lncRNAs”. <i>Biochimica et Biophysica Acta (BBA) – General Subjects</i> , 2018,1862, 2738-2749.	21
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Dr. Prasanth S – Department of Physics		
22.	Vineeshkumar T.V., Rithesh Raj D., Prasanth S. ,Unnikrishnan N. V., Mahadevan Pillai V.P. and Sudarsanakumar C. (2018) “Fe induced optical limiting properties of Zn1– xFexS nanospheres. <i>Optics & Laser Technology</i> , 99, 220-229.	9
23.	Thomas R.K., Prasanth S. , Vineeshkumar T. V, Sudarsanakumar C. (2018) Calorimetric and Spectroscopic Studies to Monitor the Interaction of L-Cysteine Functionalized Selenium Nanoparticles with Calf Thymus DNA, <i>Advanced Science Letters</i> , 2018, 5624-5628.	4
24.	Thomas R.K, Sukumaran S., Prasanth S , Sudarsanakumar, C. (2018) Revealing the interaction strategy of Diosmin functionalized gold Nanoparticles with ctDNA: MultiSpectroscopic, Calorimetric and Thermodynamic approach. <i>Journal of Luminescence</i> ,2018, 205, 265-276.	7
25.	Sudarsanakumar C., Thomas S., Mathew S., Arundhathi S., Rithesh Raj D., Prasanth S ,Thomas R.K., (2018) Selective sensing of curcumin using L-cysteine derived blue luminescent graphene quantum dots, <i>Materials Research Bulletin</i> , 2018, 110, 32-38.	4
26.	Prasanth S. ,Rithesh Raj D., Vineeshkumar T. V, Sudarsanakumar C. (2018) Spectroscopic exploration of interaction between PEG-functionalized Ag2S nanoparticles with bovine serum albumin, <i>Chemical Physics Letters</i> . 700, 15-21. 2.	3
Deepa Mohan – Department of Botany		
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29.	A. George , G. Harikrishnan, S. Mandal, Surfactant free platinum nanocluster as fluorescent probe for the selective detection of Fe (III) ions in aqueous medium. <i>Sensors and Actuators, B: Chemical</i> , 2017, Vol. 243, 332.	19
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30	Rithesh Raj D., Prasanth S. , Sudarsanakumar C. (2017) Development of LSPR-Based Optical Fiber Dopamine Sensor Using L-Tyrosine-Capped Silver Nanoparticles and Its Nonlinear Optical Properties. <i>Plasmonics</i> . 12, 1227-1234.	8
31	Prasanth S. , .Sudarsanakumar. C (2017) Elucidating the interaction of L-cysteine Capped Selenium Nanoparticles to Human Serum Albumin: Spectroscopic and Thermodynamic Analysis, <i>New Journal of Chemistry</i> , 41, 9521-9530.	22
Dr. John T. Abraham – Department of Physics		
32.	Joseph S.K., Joseph V.K., Abraham T.J (2017). A Modified Fuzzy Similarity Measure Decision Making Approach to SLCM Selection. <i>Journal of Advanced Research in Dynamical & Control Systems</i> . ISSN1943-023X.	0
33.	Mathai K.M and Abraham T.J (2017) Hybrid Model of Software Development Using Prototype and Scrum. <i>Journal of Advanced Research in Dynamical & Control Systems</i> . ISSN1943-023X.	3
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35.	Devassy L , Jisha C. P, Alberucci A., Kuriakose V.C. (2017) Nonlinear waves in repulsive media supported by spatially localized parity-time symmetric potentials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , April 2017, Vol. 381, 1955–1961 (2017).	3
Dr. Neson Varghese – Department of Physics		
36.	Rahul, Syju Thomas, K.M. Devadas, Neson Varghese , Ajeesh P. Paulose, Manoj Raama Varma, U. Syamaprasad, “Tackling the agglomeration of Mg ₂ Si dopant in MgB ₂ superconductor using cast Mg–Si alloy”, <i>Materials Research Bulletin</i> , Vol.93, 296 (2017)	0
37.	Rahul, K.M. Devadas, Syju Thomas, Neson Varghese , Ajeesh P. Paulose, Manoj Raama Varma, U. Syamaprasad, “A comparative study on the effects of n C, n SiC and BRH on the structural and superconducting properties of MgB ₂ PIT wires”, <i>Materials Chemistry and Physics</i> , Vol. 200, 3952	2

Dr. Paul Isaac – Department of Mathematics		
38.	Paul I and Paul U (2017) Roughness in G-modules. <i>Global Journal of Pure and Applied Mathematics</i> . ISSN 0973-1768 (2017).	2
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39.	Thomas K. Vand Geena J. (2017) The Determinant and Rank of a Lattice Matrix. <i>Global Journal of Pure and Applied Mathematics</i> , 1745-1761. ISSN 0973-1768.	1
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Total Citations		207