

Web of Science Indexed Publications**2019**

S. No	Publication details	Citations
Dr. Shiny Palatty – Department of Chemistry		
1.	Anju C, Shiny Palatty (2019) <i>Ternary doped polyaniline-metal nanocomposite as high performance supercapacitive material</i> , <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	4

	Curcumin using L-cysteine derived blue luminescent Graphene Quantum Dots”, <i>Materials Research Bulletin</i> , Vol. 110, 32- 38.	
Dr. Priyalakshmi G – Department of Zoology		
11.	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		
12.	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		
13.	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		
14.	Ann Mary Jones , “An Empirical Investigation on Contract Farming of Medicinal plants and its impact on farmers in Kerala”, <i>European Research on Management and Business Economics</i> , ISSN: 2444-8834.	0
2018		
Dr. Sajin K. Francis – Department of Chemistry		
15.	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
Dr. Jaison Joy – Department of Chemistry		
16.	Joy J , Rajappa S., Pillai V.K. and S. Alwarappan S. (2018) Co 3 Fe 7 /nitrogen-doped graphene nanoribbons as bi-functional electrocatalyst for oxygen reduction and oxygen evolution. <i>Nanotechnology</i> , Oct. 2018, vol. 29, no. 41, p. 415402.	14
Dr. Prasanth S – Department of Physics		
17.	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

18.	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
19.	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
20.	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
21.	Prasanth S. , Rithesh Raj D., Vineeshkumar T. V, Sudarsanakumar C. (2018) Spectroscopic exploration of interaction between PEG-functionalized Ag ₂ S nanoparticles with bovine serum albumin, <i>Chemical Physics Letters</i> . 700, 15-21. 2.	3
Dr. K. V. Thomas – Department of Mathematics		
22.	Thomas K. Vand Geena J (2018) Lattice Vector Spaces and Linear Transformations. <i>Asian-European Journal of Mathematics</i> (Accepted).	0
Dr. Paul Isaac – Department of Mathematics		
23.	John P.P. and Isaac P. (2018). A Study on Fuzzy Soft Modules. <i>Journal of Global Research in Mathematical Archives</i> .Vol.5, No.3, March 2018, Pages139-145. ISSN 2320-5822.	0
Manju Malathy – Department of BBA		
24.	Malathy M. (2018) Impact of job satisfaction and work environment of college teachers in Ernakulam district of Kerala. <i>Journal of Applied sciences and Computations</i> . 0076-5131.	0
Shiby B – Department of BBA		
25.	Shiby B (2018) Food processing units of SSI and level of automtion spent on other items of working capital in Kerala ,Ernakulam District. <i>JASC-Journal of Applied sciences and Computations</i> .0076-5131.	0
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Dr. Anu George – Department of Chemistry		
26.	A. George , D. Selvan, S. Mandal, Catalytic reduction of toxic nitroarenes in aqueous medium using worm-like rhodium nanoparticles. <i>ChemistrySelect</i> 2017, Vol 2, 9718.	5

27.	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
Dr. Neson Varghese – Department of Physics		
28.	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
Total Citations		138