



KURIAKOSE ELIAS COLLEGE MANNANAM

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Criterion - III

Research, Innovations and Extension

3.3: Research Publications and Awards

3.3.1.

Link to re-directing to Journal Source-cite website



Link to re-directing to Journal source-cite website for Research Papers published in the Journals notified on UGC-CARE list during the assessment years (2018-2023)

Sl No	Year	Name of the Author	Name of the Journal	Title of the Paper	Link to re-directing to journal source-cite website
1	2023	Libin Kuriakose and V.V Ison	Nano LIFE	On the Synthesis of Novel AgInZn ₂ Te ₄ Quantum Dots Employing a Green Route	https://www.worldscientific.com/worldscinet/nl
2	2023	Anju Elsa Tom, Ajith Thomas, Ajeesh Kumar Somakumar, Libin Kuriakose, V.V. Ison	Thin Solid Films	Performance enhancement of PbS quantum dot solar cells employing a hybrid solid-state ligand exchange protocol	https://www.sciencedirect.com/journal/thin-solid-films
3	2023	Maria Jose, Jaiby Joseph, Mercy Mathews	Journal of Physics: Conference Series	A review on synthesis of graphene oxide and its functionalization through ion irradiation methods	https://iopscience.iop.org/journal/1742-6596
4	2023	Mekha Susan Rajan, Anju John, Minjoong Yoon & Jesty Thomas	Environmental Science and Pollution research	Zeolite Y-supported carbon-doped TiO ₂ nanocomposites: Efficient solar photocatalysts for the purification of medicinal wastewater	https://link.springer.com/journal/11356
5	2023	Mathew Maya, Muhammed Afthab, Sreejith S., Sandhya C., Jyothis Mathew & Radhakrishnan E. K.	Applied Biochemistry and Biotechnology	Prevalence of Antimicrobial Resistance Among the Hydrogen Sulfide Producing Bacteria Isolated on XLD Agar from the Poultry Fecal Samples	https://link.springer.com/journal/12010
6	2023	Radhakrishnan Sivakumar, Kiseong Park, Jesty Thomas, Seok Min Yoon, Minjoong Yoon	Journal of Environmental Chemical Engineering	Solar catalytic CO ₂ reduction over POM-entrapped zeolites decorated with TiO ₂ nanocomposites in water: Highly efficient and selective production of CH ₃ OH via Z-scheme charge separation	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering
7	2023	Mekha Susan Rajan, Anju John and Jesty Thomas	New Journal of Chemistry	Perylene nanoparticle-sensitized MoS ₂ : an efficient solar photocatalyst for the degradation of pollutants	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv





8	2023	Sujarani Mathew	Assonance: A Journal of Russian & Comparative Literary Studies	When Sita Speaks Pali And Draupadi Tamil: The Politics of Regional Representations	https://russian.uoc.ac.in/index.php/2016-06-16-10-20-34/2017-08-14-10-57-47
9	2023	Joby Joseph	Bhairavi	Searching for identity and fulfilment: Re-reading of Achebe's Refugee Mother and Child	https://bhairavisangeetshodhpatrika.com/
10	2023	Theja Joseph, J. G. Ray	BioEnergy Research	Experimental Assessment of Lipid Yield and Phycoremediation Potential of Five Indigenous Microalgae Under Various Nutrient Regimes	https://link.springer.com/journal/12155
11	2023	Midhila Baby, Mathews T Thelly	Advances in Zoology and Botany	Antioxidant Anti-inflammatory and Antibacterial Potential of Lyophilized powder of Ziziphus rugosa Lam. Leaf extract (ZLE)	https://www.hrpub.org/journals/jour_info.php?id=14
12	2023	Joby Joseph	Xplore- The Xavier's Research Journal	Post-Humanism Reverberating Through the Select Novels of Jose Saramago: A Philosophical and Epistemological Survey	https://kecollege.ac.in/wp-content/uploads/2024/02/Xplore-Publication_Fr.-Dr.-Joby-Joseph.pdf
13	2023	Joby Joseph	History Research Journal	Myth: A Brief Introduction	https://kecollege.ac.in/wp-content/uploads/2024/02/History-Research-Journal-Publication_Fr.-Dr.-Joby-Joseph.pdf
14	2023	Joby Joseph	Humanities and Social Science Studies	Context-Specific and Philosophical Dimensions of Literature	https://hsssjournal.com/
15	2023	Smitha S., Kattumannil Sudeesh K., E. P. Sreedevi	Communications in Statistics - Theory and Methods	Dynamic cumulative residual entropy generating function and its properties	Learn about Communications in Statistics - Theory and Methods (tandfonline.com)





16	2022	Ranjini Radhakrishnan, Manoj Parameswaran, K. Satheesh Kumar	Materials Chemistry and Physics	The evolution and recent research trends of Surface Enhanced Raman Scattering sensors using plasmonics: Citation network analysis	https://www.science-direct.com/journal/materials-chemistry-and-physics
17	2022	Ajimon George, Prajod Sunny	Journal of Financial Services Marketing	Why do people continue using mobile wallets? An empirical analysis amid COVID-19 pandemic	https://www.palgrave.com/gp/journal/41264
18	2022	Ajith Thomas , Anju Elsa Tom, V.V. Ison	Energy Reports	An inverted architecture P3HT: CdSe bulk-heterojunction hybrid solar cell utilizing a quantum junction with high open circuit voltage and efficiency	https://www.science-direct.com/journal/energy-reports
19	2022	Edithstine Rani Mathew and Lovelymol Sebastian	Jnanabha	Fuzzy Optimization and gH symmetrically derivatives of Fuzzy Function	https://www.vijnana-parishadofindia.org/jnanabha
20	2022	Joby Joseph	Purana	Quest for Perfection and Complete Identity in Jose Saramago's Novels: A Re-reading of Blindness	https://kecollege.ac.in/wp-content/uploads/2024/02/Purana-2022-Publication_Fr.-Dr.-Joby-Joseph.pdf
21	2022	Jikku Mariam John, Chinchu Rani Vincent	Indian Journal of Psychological Science (IJPS)	A gender-based study to measure mindfulness and locus of control among sex workers	https://www.napsindia.org/about-the-journal/
22	2022	Anu Mary James, Karthika Elizabeth	Indian Journal of Psychological Science (IJPS)	Different psychological constructs on pet owners during covid-19 pandemic	https://www.napsindia.org/about-the-journal/
23	2022	Mekha Susan Rajan, Anju John, Jesty Thomas	Current Analytical Chemistry	Nanophotocatalysis for the Removal of Pharmaceutical Residues from Water Bodies: State of Art and Recent Trends	https://benthamscience.com/public/journals/current-analytical-chemistry
24	2022	Mekha Susan Rajan, Minjoong Yoon, Jesty Thomas	Photochemical & Photobiological Sciences	Kaolin-graphene carboxyl incorporated TiO ₂ as efficient visible light active photocatalyst for the degradation of cefuroxime sodium	https://link.springer.com/journal/43630





25	2022	Anju John, Jesty Thomas	International Journal of Environmental Analytical Chemistry	Enhancement of photocatalytic activity of g-C ₃ N ₄ under solar light by Nd ³⁺ doping and HPA incorporation and its application in the degradation of ceftriaxone sodium	https://www.tandfonline.com/toc/geac20/current
26	2022	Sujarani Mathew	Journal of English Language Teaching	Implications of Intercultural Communicative Competence in English Language Teaching/Learning in the 21st Century	https://journals.eltai.in/index.php/jelt/issue/view/68
27	2022	Midhila Baby and Mathews T Thelly	Indian Journal of Natural Sciences	HPTLC finger printing of Sec.metabolites in the aqueous extract of stem bark of Ziziphus rugosa	https://tnsroindia.org.in/journals.html
28	2021	Sujarani Mathew	Psychology and Education	Education and Cultural Capital as Criteria of Social Mobility: A Socio-Psychological Study in Victorian Literature	http://psychologyandeducation.net/pae/index.php/pae/about
29	2021	Aswathy Maheswaran & Sujarani Mathew	Elementary Education Online	Position of Memes in Trolls: A Linguistic Analysis based on Theory of Humour	https://ilkogretim-online.org/index.php/pub
30	2021	Linta Maria Jose, Sunny Kuriakose and Tessymol Mathew	Photodiagnosis and Photodynamic Therapy	Development of Photoresponsive zinc oxide nanoparticle - encapsulated lignin functionalized with 2-[(E)-(2-hydroxy naphthalen-1-yl) diazenyl] benzoic acid: A promising photoactive agent for antimicrobial photodynamic therapy	https://www.sciencedirect.com/journal/photodiagnosis-and-photodynamic-therapy
31	2021	Mareena Eappen & Sujarani Mathew	Kala Sarovar	Trauma among Women in War Torn Nigeria	https://kecollege.ac.in/wp-content/uploads/2024/09/3.3.1-Sujarani-Mathew-TRAUMA-AMONG-WOMEN-IN-WAR-TORN-NIGERIA-111-115.pdf





32	2021	Jacquiline Thankachan, Mitha Babu	Journal of emerging technologies and innovative research (JETIR)	Role of spiritual intelligence on Resilience and Mental health	https://www.jetir.org/P1index.php
33	2021	Anoop Vijayan, V.Chithra, C.Sandhya	International Journal of Cardiology Hypertension	The relationship of lipid peroxidation and antioxidant status to selected modifiable risk factors in coronart artery disease patients	https://www.science-direct.com/journal/international-journal-of-cardiology-hypertension
34	2021	Ajimon George, Prajod Sunny	IIM Kozhikode Society & Management Reveiw	Developing a research model for mobile wallet adoption and usage	https://journals.sagepub.com/home/KSM
35	2020	Anju John, Mekha Susan Rajan, Jesty Thomas	Environmental Science and Pollution Research	Carbon nitride-based photocatalysts for the mitigation of water pollution engendered by pharmaceutical compounds	https://link.springer.com/journal/11356
36	2020	Radhika S, Jesty Thomas	Indian Journal of Advances in Chemical Science	Degradation of Endocrine Disruptors using Modified TiO ₂ Nanorods under Sunlight	https://www.ijacskros.com/
37	2020	Sujarani Mathew	Journal of Literature & Aesthetics	Transcendentalism and East West Intertexts: A Coss-sectional Analysis of Indian and Western Literary Criticism	http://jlaindia.com
38	2020	Sujarani Mathew	LITTCRIT	Lacanian Narcissism in Text: A French Feminist Overview of Kamala Das's Oeuvre	http://www.littcrit.org/about.html
39	2020	Ann Mary Philip, Sunny Joseph Kalayathankal, and Joseph Varghese Kureethara	AIP Conference Proceedings 2236, 060005-1 to 060005-8	On Interval Valued Fuzzy Graphs Associated with a Finite Group	https://pubs.aip.org/aip/acp/pages/about
40	2020	K. S. Ambili, Jesty Thomas	Journal of Porous materials	Synthesis of hybrid materials by immobilizing paraaminobenzoic acid complexes of Eu ³⁺ and Tb ³⁺ in zeolite Y and their luminescent properties	https://link.springer.com/journal/10934





41	2020	Linta Maria Jose, Sunny Kuriakose, Sabu Thomas	BioNanoScience	Fabrication, Characterization and In Vitro Antifungal Property Evaluation of Biocompatible LigninStabilized Zinc Oxide Nanoparticles Against Selected Pathogenic Fungal Strains	https://link.springer.com/journal/12668
42	2020	Divya Joseph, Mathew Jacob	Tathapi	Role of Responsible Tourism in Economic Development: A Systematic Review of Literature	https://kecollege.ac.in/wp-content/uploads/2024/09/3.3.1-Divya-Joseph-Article-Role-of-Responsible-Tourism-in-Economic-Development-A-Systematic-Review-of-Literature.pdf
43	2019	E.M. Suji, Sunny Joseph Kalayathankal	Think India Journal, 22(14) 9341- 9351	Topological Indices: Study of a Chemical Molecular Structure	https://thinkindiaquarterly.org/
44	2019	Sajan Mathew, John T Abraham, Sunny Joseph Kalayathankal	Think India Journal, 22(14) 9380- 9384	Data Mining Applications in Higher Education and Innovation Advancements	https://thinkindiaquarterly.org/
45	2019	Ann Mary Philip, Sunny Joseph Kalayathankal, Joseph Varghese Kureethara	AIP Conference Proceedings, 2095, 030002	Characterization of intervalvalued fuzzy bridges and cutnodes	https://pubs.aip.org/aip/acp/pages/about
46	2019	Ann Mary Philip, Sunny Joseph Kalayathankal, Joseph Varghese Kureethara	Malaya Journal of Matematik 7(2), 309-313	On Different kinds of arcs in interval valued fuzzy graphs	https://www.malayajournal.org/
47	2019	Sunny Joseph Kalayathankal, John T. Abraham, and Joseph Varghese Kureethara	AIP Conference Proceedings 2080, 050004	A fuzzy computing software quality model	https://pubs.aip.org/aip/acp/pages/about





48	2019	Jaiby Joseph	Physical Review C 101, 014616 (2020)	Evaporation-residue-gated spin distribution measurements of the highly fissile compound nucleus Th*224 through O16+Pb208 and O18+Pb206 reactions	https://journals.aps.org/prc/about
49	2019	Janey Mary Mathew, Varughese Philip, Jesty Thomas	Asian Journal of Chemistry	Synthesis, Spectroscopic Characterization, Antibacterial and Short Term in vitro Cytotoxicity Studies of Copper (II) Complexes of Novel Tridentate N,N,S-donor Ligand 2-benzoylpyridine-N(4),N(4)-(N,N-diethyl-N-methylamine-2,2'-diyl) thiosemicarbazone	https://asianpubs.org/index.php/ajchem/about
50	2019	Janey Mary Mathew, Jesty Thomas	International Journal of Research and Analytical Reviews	Short term in vitro cytotoxicity studies of Zn (II) complexes of a tridentate N,N,S-donor thiosemicarbazone ligand, Hbptsc synthesized from 2-benzoylpyridine and Piperazine Base	https://www.ijrar.org/
51	2019	Linta Maria Jose, Sunny Kuriakose	Macromolecular Research	Photochemical studies and Photoinduced Antibacterial Properties of Silver-Nanoparticle Encapsulated Biomacromolecule Bovin Serum Albumin Functionalised with Photoresponsive Chromophoric System 2-[E-3 Hydroxynaphthalen-2-yl] Benzoic Acid	https://link.springer.com/journal/13233
52	2019	Smitha S., G. Rajesh, Baby A. K.	Think India Journal	On Dynamic Cumulative Past Entropy Generating Function	https://thinkindiaquarterly.org/index.php/think-india/index
53	2018	Jesty Thomas, Ambili K.S, Radhika	Catalysis Today	Synthesis of Sm ³⁺ -doped Graphitic Carbon Nitride Nanosheets for the Photocatalytic Degradation of Organic Pollutants under Sunlight	https://www.sciencedirect.com/journal/catalysis-today





54	2018	Jesline Maria Mamen	IAHRW International Journal of Social Sciences Review	Happiness and Performance at Work	https://iahrw.org/our-services/journals/iahrw-international-journal-of-social-sciences-review/
55	2018	Kevin Abraham, A.K. Thomas, Jini Thomas, K.V. Saban	Materials Today: Proceedings	Attractive dielectric responses with doping of Cr ³⁺ and Ti ⁴⁺ in Sm _{1.5} Sr _{0.5} NiO ₄ ceramics	https://www.sciencedirect.com/journal/materials-today-proceedings
56	2018	A.K. Thomas, Kevin Abraham, Jini Thomas, K.V. Saban	IOP Conf. Series: Materials Science and Engineering	Origin of the high dielectric constant in Sm _{2/3} Cu ₃ Ti ₄ O ₁₂ ceramics	https://iopscience.iop.org/journal/1757-899X

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