

	YEAR	AUTHOR NAME	TITLE OF THE PAPER	JOURNAL NAME	JOURNAL DETAILS
	2025	Dr. Govindarajan R	Statistical Analysis of Emergency Response Optimization for Hazardous Chemical Processes in Industrial Facilities	Chem. Prod. Process Model	https://doi.org/10.1515/cppm-2025-0083
	2025	Dr.B.Vivekanandan	Degradation of Congo red using nanoparticles	Research Journal of Chemistry and Environment	https://doi.org/10.25303/2912rjce010013
	2025	Dr. Abirami B	An Insilico approach to prioritize emerging contaminants from Indian Sewage Treatment plants	Environmental Monitoring and Assessment	https://doi.org/10.1007/s10661-025-14115-1
	2025	Dr. Abirami B	Conversion of lignocellulosic waste biomass into valuable derivatives and their pretreatment potential: An overview	Environmental Progress & Sustainable Energy	https://doi.org/10.1002/ep.70021
	2025	Dr.J.Sandhya	Application of Green Analytical Chemistry in the Quantification of Anticancer Agents: Eco-Friendly Method Development and Validation	Journal of Applied Bioanalysis	https://doi.org/10.53555/jab.v11i4.406
	2025	Dr.J.Sandhya	A Comprehensive Study on the Need for Potential Alternatives to Antibiotic Growth Promoters: Current Strategies, Mechanisms and Significance	International Research Journal of Multidisciplinary Scope (IRJMS)	https://doi.org/10.47857/irjms.2025.v06i04.06314
	2025	Mr. Vijay Samuel G	Isolation and Characterization of Hexavalent Chromium Reducing Bacteria for Application in Microbial Fuel Cells	Nature Environment and Pollution Technology	https://doi.org/10.46488/NEPT.2025.v24i03.B4265
	2024	Dr. Sakthidasan J	Enriched characteristics of poultry collagen over other sources of collagen and its extraction methods: A review	International Journal of Biological Macromolecules	133004
	2024	Dr. Abirami B	Prioritization of chemicals in personal care products based on persistent, bioaccumulative and toxic (PBT) potential: An Indian perspective	Regulatory Toxicology and Pharmacology	Volume 147 105563
	2023	Mr. Vijay Samuel G	Reduction of hexavalent chromium using sulphonated polyether ether ketone as proton exchange membrane in microbial fuel cells	Environmental Progress & Sustainable Energy	e14158
	2023	Dr. R. Anitha	Comparative Study of 3T3 Fibroblast cells grown in the normal and increased glucose conditions under the influence of Aloe vera and Costus pictus	Research Journal of Pharmacy and Technology	16(11):4271-8
	2022	Dr. Sakthidasan J	Functional relevance of bioactive compounds in purple maize: a contemporary extraction progressions and prospective applications	Cereal Research Communications	1788-9170
	2022	Dr. Sakthidasan J	Establishment of transgenic pigs overexpressing human PKD2-D511V mutant	Frontiers in Genetics	1664-8021
	2022	Dr. A. Anitha	Production of Tobacco (Nicotiana tabacum L.) Seed Oil Methyl Esters Using Tungstophosphoric Acid as Catalyst.	Recent Advances in Recycling Engineering . AIR 2021. Lecture Notes in Civil Engineering,	2366-2557

	2022	Dr. A. Anitha	"In vitro and In silico Studies of Silver Nanoparticles (AgNPs) from Allium sativum against Diabetes"	Scientific Reports	2045-2322	
	2022	Dr R Sivashankar	Karanja oil transesterification using green synthesized bimetallic oxide catalyst, gCaO-CeO ₂ : Comparitive investigation with the monometallic oxide catalyst on the catalytic efficacy and stability	Fuel	0016-2361	
	2022	Dr. R. Anitha	Cassia auriculata Linn. extracts induce apoptosis and cell cycle arrest of A549 lung cancer cell lines: An in vitro approach	South African Journal of Botany	0254-6299	
	2022	Dr. R. Anitha	Cassia auriculata Linn. extracts induce apoptosis and cell cycle arrest of A549 lung cancer cell lines: An in vitro approach	South African Journal of Botany	0254-6299	
	2022	Dr. R. Anitha	Automated Segregation and Microbial Degradation of Plastic Wastes: A Greener Solution to Waste Management Problems	Global Transitions Proceedings	2666-285X	
	2022	Dr. R. Anitha	An Experimental Study to Recognize and Mitigate the Malevolent Attack in Wireless Sensors Networks	Global Transitions Proceedings	2666-285X	
	2022	Dr.A.Saravanan	Optimized biodiesel production from C. innophyllum bio-oil using Kriging and Ann predicitive models	Thermal Science Journal	2334-7163	
	2022	Dr.A.Saravanan	Optimized Grapeseed biodiesel production and its effects in the CI engines combustion characteristics at variable compression resuluts	International journal of cechicle structures and systems	0975-3060	
	2022	Dr.A.Saravanan	Antimicrobial activity and cytotoxicity effect of the prepared bioactive Ag-NPs using Senna alata leaf extract on MCF-7 cancer cell line and brine shrimp	Journal of Sol-Gel Science and Technology	766-776	
	2022	Dr.A.Saravanan	Insilico phyogenetic analysis and docking studies of hexose transporter in plasmodium falciparum	International Journal of Mechanical Engineering	0974-5823	
	2022	Mr. Vijay Samuel G	Nanomaterials as potential high performing electrode materials for microbial fuel cells.	Applied Nanoscience	2190-5517	
	2022	Mr. Vijay Samuel G	Membranes, Microbial Fuel Cell and Nanomaterials in Water and Wastewater Treatment,	International Journal of Mechanical Engineering	0974-5823	
	2022	Mr. Vijay Samuel G	Nanomaterials as potential high performing electrode materials for microbial fuel cells	Applied Nanoscience	2190-5517	
	2022	Ms. Lakshmi Sundeep	Insilico phyogenetic analysis and docking studies of hexose transporter in plasmodium falciparum	International Journal of Mechanical Engineering	0974-5823	

	2021	Dr R Sivashankar	Editorial : Technologies for Water Quality and Wastewater Management in Developing Countries,	Water Science & Technology,	1996-9732	
	2021	Dr R Sivashankar	Continuous fixed-bed biosorption process: a review	Chemical Engineering Journal Advances	2666-8211	
	2021	Dr R Sivashankar	Editorial "Science, Technology and Innovation for Sustainable Development,	World Review of Science, Technology and Sustainable Development	1741-2234	
	2021	Dr R Sivashankar	Magnetic materials and magnetic separation of dyes from aqueous solutions: a review	Environmental Chemistry Letters	1610-3653	
	2021	Dr. A. Anitha	β -Cyclodextrin-folate functionalized poly(lactic-co-glycolide)-superparamagnetic ytterbium ferrite hybrid nanocarrier for targeted delivery of camptothecin.	Mater Sci Eng C Mater Biol Appl	0928-4931	
	2021	Dr. A. Anitha	Camptothecin-loaded holmium ferrite nanocarrier. Expanded activity on breast cancer cells.	Materials Letters	0167-577X	
	2021	Dr. A. Anitha	Designed poly(ethylene glycol) conjugate-erbium-doped magnetic nanoparticle hybrid carrier: enhanced activity of anticancer drug,	Journal of Materials Science	1573-4803	
	2021	Dr. D. Jini	Two-dimensional Janus monolayers of MoSSe as promising sensor towards selected adulterants compounds	Applied Surface Science	0169-4332	
	2021	Dr. Govindarajan R	Investigation of direct and alternating current–electrocoagulation process for the treatment of distillery industrial effluent: Studies on operating parameters.	J Environ Chem Eng	2213-3437	
	2021	Dr. Govindarajan R	Hybrid Sono-Electrocoagulation Process for the Treatment of Landfill Leachate Wastewater: Optimization through a Central Composite Design Approach.	Environ Process	2198-7505	
	2021	Dr. R. Anitha	Cassia auriculata and its role in infection / inflammation: A close look on future drug discovery	Chemosphere	0045-6535	
	2021	Dr.A.Saravanan	Screening of fresh water algae from paper and pulp mill waste waters with the focus on high algal biomass production	Research Journal of Chemistry and Environment	2278-4527	
	2021	Dr.A.Saravanan	Effect of fins and silicon dioxide nanoparticle black paint on the absorber plate for augmenting yield from tubular solar still,Effect of fins and silicon dioxide nanoparticle black paint on the absorber plate for augmenting yield from tubular solar	Environmental Science and Pollution Research	1614-7499	
	2021	Dr.B.Vivekanandan	Efficiency of Watermelon rind towards adsorption of Ce (III) and Pr (III) ions	Materials Today: Proceedings	2214-7853	

	2021	Dr.B.Vivekanandan	Comparative investigations of raw and alkali metal free banana peel as adsorbent for the removal of Hg ²⁺ ions	Materials Today: Proceedings	2214-7853	
	2021	Dr.B.Vivekanandan	Antimicrobial activity and Characterization of Pomegranate peels based Carbon dots synthesis	Journal of Nanomaterials	16874129	
	2020	Dr R Sivashankar	Fenalan Yellow G adsorption using surface-functionalized green nanoceria: An insight into mechanism and statistical modelling	Environmental Research	83.18055556	
	2020	Dr R Sivashankar	INVESTIGATION OF FERMENTATION CONDITION FOR PRODUCTION ENHANCEMENT OF POLYHYDROXYALKANOATE FROM CHEESE WHEY BY PSEUDOMONAS SP.	Journal of Microbiology Biotechnology	9(5): 890- 898	
	2020	Dr. A. Anitha	Synthesis and characterization of reusable heteropoly acid nanoparticles for one step biodiesel production from high acid value waste cooking oil-	Materials today:Proceedings (scope)	22(3):383-392.	
	2020	Dr. A. Anitha	Ionic liquids as solvents in biodiesel production	World Review of Science, Technology	16(2):122–140	
	2020	Dr. Baby Joseph	Anticancer effect of phytochemicals from cyanthillium cinereum against cancer target matrix metalloproteinase.	<i>International Journal of Advanced Research</i>	11(3):65-78	
	2020	Dr. Baby Joseph	Antineoplastic effect of phytochemicals from Azadirachta indica in inhibiting anticancer target - matrix metalloproteinases	<i>Research J. Pharm. and Tech</i>	13(3):1100-1106	
	2020	Dr. Baby Joseph	Comprehensive gene expression analysis and identification of STAT-1 as master regulator in oral squamous cell carcinoma	<i>International Journal of Psychosocial Research</i>	24(5): 399-417	
	2020	Dr. Baby Joseph	Identification of lung cancer master genes triggered by smoking and their key pathways based on gene expression profiling.	<i>Gene Reports</i>	doi.org/10.1016/j.genrep.2020.100812	
	2020	Dr. Baby Joseph	Computational Analysis of Oral Cancer Gene Expression Profile and Identification of mirnas and their Regulatory Hub Genes	<i>Journal of complementary medicine</i>	11(3):154-159	
	2020	Dr. D. Jini	Preparation of herbal curd with Gymnema Sylvestre and its characterization for the treatment of liver cancer	Journal of Food Process Engineering	43(3):e13338	
	2020	Dr. D. Jini	Green synthesis of silver nanoparticles from Allium cepa and its in vitro antidiabetic activity	Materials today: Proceedings	22(3):432-438	
	2020	Dr. Govindarajan R	Investigation of direct and alternating current–electrocoagulation process for the treatment of distillery industrial effluent: Studies on operating parameters	Journal of Environmental Chemical Engineering	22:104811.	

	2020	Dr. Govindarajan R	Enhanced treatment of landfill leachate wastewater using sono(US)-ozone (O ₃)–electrocoagulation(EC) process: role of process parameters on color, COD and electrical energy consumption	Process Safety and Environmental H	142:212-218	
	2020	Dr. Govindarajan R	Removal of color, COD and determination of power consumption from landfill leachate wastewater using an electrochemical advanced oxidation processes	Separation and Purification Technol	90.21875	
	2020	Dr. J. Sakthidasan	Calcium borates incorporated with silver and zinc as promising antibacterial agents	Materials Letters	100.4375	
	2020	Dr. J. Sakthidasan	Transcriptomic Prediction of Pig Liver-Enriched Gene 1 Functions in a Liver Cell Line	Genes (Basel)	11(4)	
	2020	Dr. R. Sivashankar	Phytochemicals as traditional medicine and their ameliorative effects in cancer therapy in the book Agriculture, Food, Biotechnology	ESN publication	September 2020. ISBN 978-93-90188-	
	2020	Dr. R. Sivashankar	Industrial Hygiene in the Pharmaceutical Industry-Advances in Industrial Safety	Springer	September 2020. ISBN 978-981-15-	
	2020	Dr. R. Sivashankar	Green soap formulation: an insight into the optimization of preparations and antifungal action	Biomass conversion and Biorefinery	Online	
	2020	Dr. R. Sivashankar	A review on the role of nanomaterials in the removal of organic pollutants from wastewater	Reviews in Environmental Science a	19:751–778	
	2020	Dr.A.Anitha	Camptothecin-loaded holmium ferrite nanocarrier. Expanded activity on breast cancer cells	Materials Letters	285:129164.	
	2020	Dr.A.Saravanan	Biofiltration – a low cost method for dye removal from wastewater using discarded fruit peels	Seybold Report	15(9): 1- 6	
	2020	Dr.A.Saravanan	SiC/oil nanofluids thermal conductivity at Varying concentration and heat inputs	Seybold Report	15(9):3686	
	2020	Dr.A.Saravanan	Biofuel-Production-from-Marine-Microalgae-Using-Dairy-Industry-Wastewater	Seybold Report	15(9):1531-1536	
	2020	Dr.A.Saravanan	Phycoremediation of paper industry effluent using selected freshwater algae	Seybold Report	15(9): 413-420	
	2020	Dr.B.Vivekanandan	Analysis of external mass transfer on the degradation of reactive black 5 using immobilized Trametes hirsuta in packed bed reactor	Research Journal of Chemistry and Environment	24(9): 94–100	
	2020	Dr.B.Vivekanandan	Sensitivity analysis of activated sludge process	Pollution Research	39(3):718–723	
	2020	Dr.B.Vivekanandhan	Antimicrobial applications of green synthesized zinc oxide nanoparticles	European Journal of Molecular and Clinical Medicine	7(4):1314 - 1321	

	2020	Dr.K.Vijayaraghavan	Calotropis gigantea Flower Extract Induced Biomimetic Synthesis of Silver and Gold Nanoparticles and Its Application in Textile	Journal of Nanoscience and Technology	6(2): 891–893	
	2020	Mr T Ravi	Synthesis and characterization of chicken eggshell powder coated magnetic nano adsorbent by an ultrasonic bath assisted co-precipitation for Cr(VI)	Journal of Environmental Chemical Engineering	8(4):103877	
	2020	Mr. Vijay Samuel G	Membranes Filtration Techniques Suitable for Water & Wastewater Treatment from Tanneries	Water Today - The Magazine	November 2020. www.watertoday.org	
	2020	Mr. Vijay Samuel G	BIOFILTRATION – A LOW COST METHOD FOR DYE REMOVAL FROM WASTEWATER USING DISCARDED FRUIT PEELS.	Journal of Seybold Report	15(9): 3100-3108.	
	2020	Mr. Vijay Samuel G	Batch Experiment Studies on Bio-Sorption of Pb(II) and Cu(II) Metal Ions using Activated Carbon from Prosopis Juliflora Bark and Leaves	Test Engineering & Management	ISSN: 0193-4120 Page No. 6885 – 6891	
	2020	Mr. Vijay Samuel G	Effluent Treatment Technologies And Cost Research	International Journal of Engineering and Advanced Technology (IJEAT)	9(1),	
	2019	Dr R Sivashankar	Sequestration of methylene blue dye from aqueous solution by magnetic biocomposite: Three level Box–Behnken experimental design optimization and kinetic studies	Separation Science and Technology	55(10): 1752-1765	
	2019	Dr. Baby Joseph	Experimental human root canal irrigant NaOCl against Enterococcus faecalis and 3T3, and determination of cytotoxicity effect	<i>Biomedical and Pharmacology Journal.</i>	12(2), pp. 965–974	
	2019	Dr. Baby Joseph	β -Glucan, a dietary fiber in effective prevention of lifestyle diseases – An insight	<i>Bioactive Carbohydrates and Dietary Fibre.</i>	19, 100187	
	2019	Dr. Baby Joseph	Determining the anti-malarial potential of an unknown endophytic Streptomyces species BJS4 isolated from Kalanchoe pinnata (Lam.) pers.	<i>Research Journal of Pharmacy and Technology.</i>	12(9), pp. 4344–4348	
	2019	Dr. Baby Joseph	Exploring the antineoplastic effect of phytochemicals from Ipomea sepiaria against matrix metalloproteinases – a pharmacoinformatics approach.	<i>International Journal for Computational Biology and Drug Design.</i>	13(3):.255 – 271.	
	2019	Dr. Baby Joseph	Compounds from Ocimum sanctum possesses anticancer activity by inhibiting EGFR – virtual screening and binding energy estimations	<i>Asian Journal of Pharmaceutical and Clinical Research.</i>	12(1): 678-92	
	2019	Dr. D. Jini	Use of phytohormones in improving abiotic stress tolerance to rice - Advances in Rice Research for Abiotic Stress Tolerance	Elsevier	633-649	

2019	Dr. D. Jini	Preparation of herbal curd with <i>Gymnema sylvestre</i> and its characterization for the treatment of liver cancer	Journal of Food Process Engineering	43(3):e13338
2019	Dr. R. Sivashankar	Editorial: Emerging technologies for wastewater treatment and reuse	Water Science and Technology	80(11):1 -5
2019	Dr. R. Sivashankar	Influence of Dextranucrase of <i>Weissella Cibaria Nitcsk4</i> on Low Molecular Weight Dextran Yield: a Statistical Approach using Mixed Level Taguchi Design and Artificial Neural Network	International Journal of Innovative Technology and Exploring Engineering	9(2S2): 657-664
2019	Dr.A.Anitha	Reduction of Nox and HC emissions in waste cooking oil biodiesel using nanoparticles of CsTPA	IOP publishers	32.26527778
2019	Dr.A.Saravanan	Biofuel Production from Marine Microalgae <i>Nannochloropsis Salina</i> using Paper mill effluents	International Journal of Mechanical engineering and Technology,	10(01):1471-7
2019	Dr.A.Saravanan	Maximize Lipid Productivity of Marine Micro Algae <i>Dunaliella Salina</i> CCAP19 Using	International journal of scientific technology research,	8(10):3758-60
2019	Dr.B.Vivekanandan	Comparison of Control strategies for effluent constraints and Operating Costs in activated Sludge Process	Pollution Research	S16-S68
2019	Dr.Evy Alice Abigail	Biochar based nanofibers: fabrication ,characteristics and application as 2,4- dichlorophenoxyacetic and nanoformulation for sustained release	3 biotech	9(8):317
2019	Dr.T.Srinivas	Effluent Treatment Technologies and Cost analysis	IJEAT	9(1):6752
2019	Mr. Vijay Samuel G	Wastewater Treatment Using Attached Growth Batch Reactor Technology	Water Today - The Magazine	www.watertoday.org February 2019
2019	Mr.Vijay samuel	Experimental investigation of methane gas generation using textile effluents	International journal of Ambient energy	10:1-4
2018	Dr. Baby Joseph	Phytomedicinal chemistry and pharmacognostic value of carica papaya L., Leaf	<i>Journal of Pure and Applied Microbiology.</i>	12(2), pp. 751–756
2018	Dr. Baby Joseph	Diverse microRNAs expressed in five prominent cancers worldwide.	<i>Journal of Bioinformatics - Research and Reviews.</i>	5:1-9.
2018	Dr. D. Jini	Plant growth promoting Rizobacteria (PGPR) as an alternative stratify for plant stress tolerance	AS Microbiology	1(11):1-2.
2018	Dr. R. Sivashankar	Green algae as source for polyhydroxyalkanoate synthesis from food processing wastewater	Research Journal of Chemistry and Environment	22(12):66-74
2018	Dr.A.Anitha	Comparative performance and emission characteristics of methl ester from Waste Cooking Oil and Used Palm Oil using a Solid Acid Catalyst,	Pollution Research (Scopus)	37(4):1084-1092

