

S.NO	YEAR	AUTHOR	TITLE OF THE PAPER	JOURNAL NAME	JOURNAL DETAILS
1	2021	Dr. A. Anitha	β -Cyclodextrin-folate functionalized poly(lactic-co-glycolide)-superparamagnetic ytterbium ferrite hybrid nanocarrier for targeted delivery of doxorubicin	Materials Science & Engineering C, (I.F – 5.09)	Accepted
2	2021	Dr. A. Anitha	Designed poly(ethylene glycol) conjugate-erbiumdoped magnetic nanoparticle hybrid carrier: enhanced activity of anticancer drug	Journal of Material Science, (I.F – 3.39)	56(5):3925-3934
3	2021	Dr. D. Jini	Two-dimensional Janus monolayers of MoSSe as promising sensor towards selected adulterants compounds	Applied Surface Science	542:148590.
4	2020	Dr. Baby Joseph	Anticancer effect of phytochemicals from cyanthillium cinereum against cancer target matrix metallopeptidase.	<i>International Journal of Advanced Research in Engineering and Technology.</i>	11(3):65-78
5	2020	Dr. Baby Joseph	Antineoplastic effect of phytochemicals from Azadirachta indica in inhibiting anticancer target - matrix metallopeptidases	<i>Research J. Pharm. and Tech</i>	13(3):1100-1106
6	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 Rehabilitation</i>	24(5): 399-417
7	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
8	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 research</i>	11(3):154-159
9	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
10	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
11	2020	Mr. Vijay Samuel G	Membranes Filtration Techniques Suitable for Water & Wastewater Treatment from Tanneries	Water Today - The Magazine	November 2020. www.watertoday.org
12	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.
13	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
14	2020	Mr. Vijay Samuel G	Effluent Treatment Technologies And Cost Research	International Journal of Engineering and Advanced Technology (IJEAT)	9(1),
15	2020	Dr. J. Sakthidasan	Calcium borates incorporated with silver and zinc as promising antibacterial agents	Materials Letters	2410:30:00
16	2020	Dr. J. Sakthidasan	Transcriptomic Prediction of Pig Liver-Enriched Gene 1 Functions in a Liver Cell Line	Genes (Basel)	11(4)
17	2020	Dr.B.Vivekanandhan	Antimicrobial applications of green synthesized zinc oxide nanoparticles	European Journal of Molecular and Clinical Medicine	7(4):1314 - 1321
18	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
19	2020	Dr.B.Vivekanandan	Sensitivity analysis of activated sludge process	Pollution Research	39(3):718–723

20	2020	Dr.A.Anitha	Camptothecin-loaded holmium ferrite nanocarrier. Expanded activity on breast cancer cells	Materials Letters, (I.F- 3.2)	285:129164.
21	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 (scopus)	22(3):383-392.
22	2020	Dr. A. Anitha	Ionic liquids as solvents in biodiesel production	World Review of Science, Technology and Sust. Development, (scopus)	16(2):122–140
23	2020	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
24	2020	Dr. D. Jini	Green synthesis of silver nanoparticles from <i>Allium cepa</i> and its in vitro antidiabetic activity	Materials today: Proceedings	22(3):432-438
25	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-
26	2020	Dr. R. Sivashankar	Industrial Hygiene in the Pharmaceutical Industry-Advances in Industrial Safety	Springer	September 2020. ISBN 978-981-15-
27	2020	Dr. R. Sivashankar	Green soap formulation: an insight into the optimization of preparations and antifungal action	Biomass conversion and Biorefinery	Online
28	2020	Dr. R. Sivashankar	A review on the role of nanomaterials in the removal of organic pollutants from wastewater	Reviews in Environmental Science and Bio/Technology	19:751–778
29	2020	Dr R Sivashankar	Fenalan Yellow G adsorption using surface-functionalized green nanoceria: An insight into mechanism and statistical modelling	Environmental Research	1996:20:00
30	2020	Dr R Sivashankar	INVESTIGATION OF FERMENTATION CONDITION FOR PRODUCTION ENHANCEMENT OF POLYHYDROXYALKANOATE FROM CHEESE WHEY BY PSEUDOMONAS SP.	Journal of Microbiology Biotechnology and Foodsciences	9(5): 890- 898
31	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
32	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.
33	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 Protection	142:212-218
34	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 Technology	2165:15:00
35	2020	Dr.A.Saravanan	Biofiltration – a low cost method for dye removal from wastewater using discarded fruit peels	Seybold Report	15(9): 1- 6
36	2020	Dr.A.Saravanan	SiC/oil nanofluids thermal conductivity at Varying concentration and heat inputs	Seybold Report	15(9):3686
37	2020	Dr.A.Saravanan	Biofuel-Production-from-Marine-Microalgae-Using-Dairy-Industry-Wastewater	Seybold Report	15(9):1531-1536
38	2020	Dr.A.Saravanan	Phycoremediation of paper industry effluent using selected freshwater algae	Seybold Report	15(9): 413-420
39	2019	Dr. Baby Joseph	Experimental human root canal irrigant NaOCl against <i>Enterococcus faecalis</i> and 3T3, and determination of cytotoxicity effect	<i>Biomedical and Pharmacology Journal.</i>	12(2), pp. 965–974
40	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

41	2019	Dr. Baby Joseph	Determining the anti-malarial potential of an unknown endophytic Streptomyces species BJS4 isolated from Kalanchoe pinnata (Lam.) pers.	Research Journal of Pharmacy and Technology.	12(9), pp. 4344–4348
42	2019	Dr. Baby Joseph	Exploring the antineoplastic effect of phytochemicals from Ipomea sepiaria against matrix metalloproteinases – a pharmacoinformatics approach.	International Journal for Computational Biology and Drug Design.	13(3):.255 – 271.
43	2019	Dr. Baby Joseph	Compounds from Ocimum sanctum possesses anticancer activity by inhibiting EGFR – virtual screening and binding energy estimations	Asian Journal of Pharmaceutical and Clinical Research.	12(1): 678-92
44	2019	Mr. Vijay Samuel G	Wastewater Treatment Using Attached Growth Batch Reactor Technology	Water Today - The Magazine	www.watertoday.org February 2019
45	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
46	2019	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
47	2019	Dr. R. Sivashankar	Editorial: Emerging technologies for wastewater treatment and reuse	Water Science and Technology	80(11):1 -5
48	2019	Dr. R. Sivashankar	Influence of Dextranase of Weissella Cibaria Nitsk4 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
49	2019	Dr.A.Saravanan	Biofuel Production from Marine Microalgae Nannochloropsis Salina using Paper mill effluents	International Journal of Mechanical engineering and Technology,	10(01):1471-7
50	2019	Dr.A.Saravanan	Maximize Lipid Productivity of Marine Micro Algae Dunaliella Salina CCAP19 Using <u>Mixotrophic Conditions</u>	International journal of scientific technology research,	8(10):3758-60
51	2019	Dr.A.Anitha	Reduction of Nox and HC emissions in waste cooking oil biodiesel using nanoparticles of CsTPA	IOP publishers	774:22:00
52	2019	Mr.Vijay samuel	Experimental investigation of methane gas generation using textile effluents	International journal of Ambient energy	10:1-4
53	2019	Dr.B.Vivekanandan	Comparison of Control strategies for effluent constraints and Operating Costs in activated Sludge Process	Pollution Research	S16-S68
54	2019	Dr.T.Srinivas	Effluent Treatment Technologies and Cost analysis	IJEAT	9(1):6752
55	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
56	2018	Dr. Baby Joseph	Phytomedicinal chemistry and pharmacognostic value of carica papaya L., Leaf	Journal of Pure and Applied Microbiology.	12(2), pp. 751–756
57	2018	Dr. Baby Joseph	Diverse microRNAs expressed in five prominent cancers worldwide.	Journal of Bioinformatics - Research and Reviews.	5:1-9.
58	2018	Mr. D. Ashok Kumar	Efficient Adsorption Characteristics of Pristine and Silver-Doped Graphene Oxide Towards Contaminants: A Potential Membrane Material for Water Purification?	ChemPhysChem	19(17):2250-7
59	2018	Mr. D. Ashok Kumar	Light metal decorated graphdiyne nanosheets for reversible hydrogen storage	Nanotechnology	29(35):355401.
60	2018	Dr. D. Jini	Plant growth promoting Rizobacteria (PGPR) as an alternative stratify for plant stress tolerance	AS Microbiology	1(11):1-2.
61	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
62	2018	Dr.A.Anitha	Comparative performance and emission characteristics of methyl ester from Waste Cooking Oil and Used Palm Oil using a Solid Acid Catalyst,	Pollution Research (Scopus)	37(4):1084-1092
63	2017	Dr. Baby Joseph	Physiological Mechanism of Salicylic Acid for Alleviation of Salt Stress in Rice	Rice Science	24(2):97-108
64	2017	Dr. Baby Joseph	Impact of Acetamidiprid Toxicity on Electrophoretic Patterns in Liver, Brain and Gill Tissues of the Fish Oreochromis mossambicus	International Journal of Zoological Research.	13: 120-124.

