Dr. G. Sreekumar

S. No	Title of the paper	Journal	Month, Year	ISSN	Issue	Page No.	SCI & Impact factor	Year
1	Collagen as a potential biomaterial in biomedical applications	Reviews on Advanced materials Science	2018	1605-8127	53	29-39	2.5	2017-2018
2	Cytotoxic activity of probiotic Bacillus subtilis SK09 against human colon cancer cell ine (HT-29)	International Research Journal Of Pharmacy	Apr-17	2230 – 8407	4	105-109	0.13	2016-2017
3	Biopreservation of Value added marine fishes under different storage conditions using bacteriocin from lactobacillus sp (AMETLAB27).	Institute of Integrative Omics and Applied Biotechnology Journal,	April, 2016	0976-3104	7	1-14	0.12	2015-2016
4	Studies on Isolation, Characterization, Antimicrobial susceptibility and effect of Over-the-Counter drugs on Lactobacillus acidophilus.	International Journal of Applied Bio Engineering	July 2010	2042-4876	5	246-249	1.7	2010-2011
5	Enhanced Biomass Production Study on Probiotic <i>Bacillus subtilis SK09</i> by Medium Optimization using Response Surface Methodology	African Journal of Biotechnology	November 2010	1684–5315	9	8078-8084	0.573	2010-2011
6	Optimization Study on Curdling of Milk using Probiotic Starter Culture <i>Bacillus Subtilis SK09</i>	International Journal of Biotechnology and Bioengineering Research	2010	2231-1238	1	125-130	0.11	2010-2011
7	Isolation and characterization of probiotic Bacillus subtilis SK09 from dairy effluent	Indian Journal of Science and Technology	Aug 2010	0974- 6846	8	863-866	0.16	2010-2011
8	Comparative Study on the Antimicrobial Activity of Probiotic <i>Bacillus Subtilis SK09</i> against Microbial Isolates from Dairy Effluent	Journal of Advanced Biotechnology	2010	0976-2612	5	32-34	-	2010-2011

Dr. S. Justin Packia Jacob

S. No	Title of the paper	Journal	Month, Year	ISSN	Issue	Page No.	SCI & Impact factor	Year
1.	Synthesis and in vitro characteristics of biogenic-derived hydroxyapatite for bone remodeling applications	Bioprocess and Biosystems Engineering	Nov - 2023	-	335	125260	4.11	2022-2023
2.	The synergic impact of lignin and Lactobacillus plantarum on DSS-induced colitis model via regulating CD44 and miR 199a alliance	World Journal of Microbiology &Biotechnology	Oct-2022	-	38	-	-	2022-2023
3.	A flavone derivative from <i>Andrographis echioides</i> leaf extract positively alters the molecular targets of insulin signaling pathway	South African Journal Of Botany	May-2022	-	146	760-770	ı	2021-2022
4.	Evaluation of Dietary Supplementation of Probiotic on Growth and Survival of <i>Cyprinus carpio</i> Fingerlings	Animal Nutrition And Feed Technology	Oct-2021	-	21	363-372	-	2021-2022
5.	Grape (Vitis vinifera l.) peel extract: the study of antidiabetic, antibacterial activities and GC-MS analysis	International J Biology Pharmacy And Allied Sciences	Oct-2021	-	10 (10)	3419-3427	-	2021-2022
0.	Haematological parameters of Cyprinus carpio with reference to probiotic feed: A machine learning approach		June 2021	-	73	-	-	2021-2022
/.	Evaluation of probiotic properties of <i>Lysinibacillus macroides</i> under in vitro conditions and culture of Cyprinus carpio on growth parameters		June 2021	-	203	4705–4714	-	2021-2022
8.	Antidiabetic potential of Andrographis echioides Nees leaf extract on high fat diet –fed C57BL/6J Diabetic mice	Pak. J. Pharm. Sci	2020	44075	33 (5)	2347-2350	-	2019-2020
9.	In-Vitro Antidiabetic and Anticancer study of Zinc Oxide Nanoparticle using Triphala- An Ayurvedic Drug	International Journal Of Current Research In Life Sciences	Jun-18	2319-9490	7 Iss 06	2277-2280	-	2018-2019
10.	Green Synthesis of Zinc oxide nanoparticle using Pentatropis capensis and its anti-proliferative activity	Indian Journal of natural products and resources	Dec-17	0976-0504	8	316-321	-	2017-2018

11.	Biosynthesis of nanoparticles using dried fruit extract of Ficus Carica-screening for its anticancer activity and toxicity in animal models.	Food and Chemical Toxicology	Apr-17	-	-	951-956	3.977	2016-2017
12.	Biosynthesis of silver nanoparticles using Diospyros ferrea (willd). Bakh. Leaves and Evaluation of its antioxidant, anti-inflammatory, anti-microbial and Anticancer activity.	Journal of Bionanoscience	Feb-17	1557-7910	11(1): 24-33	24-33	-	2016-2017
13.	A Green Nano-Biotechnological Approach for the Synthesis of Silver Nanoparticles Using the Seed Coat of TamarindusIndica, Study of its Antibacterial and Anticancer Activity.	International Journal of Pharmacy and Pharmaceutical Sciences	Sep, 2015	0975 - 1491	7(1)	192-194	-	2015-2016
14.	Study on plant extract mediated synthesis of Silver nanoparticles using Pentatropiscapensisfor its Antimicrobial and anticancer applications	International Journal of Research in Science & Engineering	2015	2394-8280	2(1)	01-Aug	-	2015-2016
15.	A green and facile approach for the synthesis of Silver Nanoparticles using aqueous extract of Ailanthus excels leaves, evaluation of its Antibacterial and Anticancer Efficacy	Bulletin of Material Science	June, 2015	0250-4707	38(3)	625-628	0.895	2015-2016
16.	Synthesis, characterization, antibacterial and Cytotoxic studies of Silver Nanoparticles using aqueous extracts of Crataevanurvalaleaves - A green Nano-Biotechnological approach.	World Journal of Pharmaceutical Research	Dec, 2014	2207-7105	4(2)	953-962	-	2014-2015
17.	Molecular docking analysis of bioflavonoids against Mycobacterium tuberculosisdrugtarget Beta-Ketoacyl-ACPsynthaseIII	International Journal of Pharmaceutical Research and Development	-	0974-9446	6(7)	48-52	-	2014-2015
18.	Green Synthesis of Silver Nanorods using Aqueous Seed Extract of Nigella Sativa and Study of its Antidiabetic Activity	Australian Journal of Basic and Applied Sciences	May-15	19918178	9(10)	295-298	-	2014-2015
19.	Nanoparticle analysis for various medicinal drugs and human body saliva at macromolecular level.	Applied Nanosciences	August, 2014	2190-5517	-		-	2014-2015
20.	Synthesis of Silver nanoparticles using Plumeriarubra extracts and to study its antibacterial properties	World Journal of Pharmaceutical Research	Sep, 2014	2207-7105	3(7)	792-797	-	2014-2015

21.	Aspergillus Niger Mediated Synthesis Of ZnO Nanoparticles And Their Antimicrobial and InvitroAnticancerous Activity	World Journal Of Pharmaceutical Research	Feb, 2014	2277-7105.	3(2)	3044-3054	-	2013-2014
22.	Phytochemical Evaluation and Antioxidant Activity of Glycosmismauritiana (lam.) Tanaka Leaf Extract	International Journal-of Pharma Research & Review	Sep, 2013	2278-6074	2(9)	16-23	-	2013-2014
23.	Green synthesis of silver nanoparticles using Piper nigram leaf extracts and its cytotoxic activity against Hep-2 cell line	World Journal of Pharmaceutical Research	Aug, 2013	2277-7105	2 (5)	1607-1616	-	2013-2014
24.	Investigations on the Availability of Bioactive Compounds in Glycosmismauritiana (Lam.) Tanaka	The Pharma Innovation – J.,	2013	2349-8242	2(6)	49-53	-	2013-2014

Dr. G. Baskar

S. No	Title of the paper	Journal	Month, Year	ISSN	Issue	Page No.	SCI & Impact factor	Year
1	Process design, kinetics, simulation, and techno- economic analysis of biodiesel production from Pongamia pinnata seed oil using a magnetically recyclable acidic ionic liquid catalyst	Energy Conversion and Management	Feb 2024	https://doi.or g/10.1016/j.e nconman.202 3.118040	301	118040	10.4	2024
2	Economic analysis and TOPSIS approach to optimize the CI engine characteristics using span 80 mixed carbon nanotubes emulsified Sapindus trifoliatus (soapnut) biodiesel by artificial neural network prediction model	Applied Energy	Feb 2024	https://doi.or g/10.1016/j.a penergy.2023 .122309	355	122309	11.2	2024
3	Technoeconomic and carbon footprint analysis of simulated industrial scale biodiesel production process from mixed macroalgal and non-edible seed oil using sulphonated zinc doped recyclable biochar catalyst	Bioresource Technology	Mar 2024	https://doi.or g/10.1016/j.b iortech.2024. 130351	395	130351	11.4	2024
4	Fabrication of novel magnetic graphene oxide nanoadsorbent from Strychnous potatorum seeds for enhanced removal of chromium from wastewater	Indian Journal of Chemical Technology	Jan 2024	-	31	-	0.57	2024
5	Microwave assisted synthesis, characterization and bioactivity evaluation of a cobalt (II) complex with a novel Schiff base ligand derived from phenylacetyl urea and salicylaldehyde		Jan 2024	https://doi.or g/10.1016/j. molstruc.202 3.136650	1295	136650	3.8	2024
6	Synthesis and characterisation of magnesium- wrapped hydroxyapatite nanomaterials for biomedical applications	Surfaces and Interfaces	Jan 2024	https://doi.or g/10.1016/j.s urfin.2023.10 3779	44	103779	6.2	2024
7	Green ammonia as peerless entity for realm of clean-energy carrier toward zero carbon emission: Purviews, neoteric tendencies, potentialities and downsides	Fuel	May 2024	https://doi.or g/10.1016/j.f uel.2024.131 118	365	131118	7.4	2024
_	Terminalia arjuna bark – A highly efficient renewable heterogeneous base catalyst for biodiesel production.	Renewable Energy	Aug 2023	https://doi.or g/10.1016/j.r enene.2023.0 5.066	212	185-196	8.7	2023
9	Comprehensive assessment of biorefinery potential for biofuels production from macroalgal biomass: Towards a sustainable circular	Chemosphere	Oct 2023	https://doi.or g/10.1016/j.c hemosphere.2	339	139724	8.8	2023

	bioeconomy and greener future			023.139724				
10	Comprehensive review on lignocellulosic biomass derived biochar production, characterization, utilization and applications	Chemosphere	Dec 2023	https://doi.o rg/10.1016/j .chemospher e.2023.1405	345	140515	8.8	2023
11	Comparative Analysis of Cellulosic Ethanol Production from Lignocellulosic Substrate Moringa oleifera Using Kluyveromyces marxianus and Zymomonas mobilis	Fermentation	Aug 2023	https://doi.o rg/10.3390/f ermentation 9090840	9(9)	840	3.7	2023
12	Seasonal dynamics of body size in calanoid copepods (Calanoida: Copepoda) from the stressed tropical coast of India, Chennai, Bay of Bengal	Aquatic Ecology	Nov 2023	https://doi.o rg/10.1007/s 10452-023- 10075-1	-	-	1.8	2023
13	Experimental investigations and kinetic modeling of removal of acrylonitrile using hybrid membrane bioreactor	Biomass Conversion and Biorefinery	Nov 2023	https://doi.o rg/10.1007/s 13399-023- 04968-2	-	1	4	2023
14	Biodiesel production by transesterification of low- cost feedstock (waste cooking oil) using mesoporous cubic-MgO nanocatalyst: Optimization using response surface methodology	Energy and Environment	Sep 2023	https://doi.o rg/10.1177/ 0958305X2 31199242	-	-	4.2	2023
15	Maximizing the value of biodiesel industry waste: Exploring recover, recycle, and reuse for sustainable environment	Environmental Technology and Innovation	Nov 2023	http://dx.doi .org/10.1016 /j.eti.2023.1 03447	32	103447	7.1	2023
16	Phylogenetic Relationship of Marine Calanoid Copepods (Crustacea: Maxillopoda) Based on Morphological and Molecular Datasets from the Chennai Coast, Bay of Bengal	Thalassas	Nov 2023	https://doi.o rg/10.1007/s 41208-023- 00645-3	-	-	0.7	
17	Enrichment of Dioithonarigida (Giesberch, 1896) with different microalgal diets and its effect on survival and growth of Latescalcarifer (Bloch, 1790) larvae;	Iranian Journal of Ichthyology	Nov 2023	-	10(1)	41-48	0.833	2023
18	Technoeconomic assessment and optimization of algal oil extraction from marine macroalgae Dictyota bartayresiana biomass	Algal Research	Niv 2023	https://doi.o rg/10.1016/j .algal.2023. 103319	76	103319	5.1	2023

19	Green synthesis of CaO nanocatalyst using watermelon peels for biodiesel production	Molecular Catalysis	Aug 2023	https://doi.o rg/10.1016/j .mcat.2023. 113342	547	113342	4.6	2023
20	Recent Advances in Conversion of Glycerol: A Byproduct of Biodiesel Production to Glycerol Carbonate	Journal of Chemistry	Jul 2023	https://doi.or g/10.1155/20 23/8730221	2023	1-36	3	2023
21	ANN model prediction for optimized operating conditions	Fuel	Oct 2023	https://doi.or g/10.1016/j.f uel.2023.128 838	350	128838	7.4	2023
22	Conversion of solid wastes and natural biomass for deciphering the valorization of biochar in pollution abatement: A review on the thermo-chemical processes	Chemosphere	Oct 2023	https://doi.or g/10.1016/j.c hemosphere.2 023.139760	339	139760	8.8	2023
23	Chlorella biomass as a potential source of algal oil: Investigations on optimization of ultrasonic assisted extraction, kinetics and characterization of algal oil	Indian Journal of Chemical Technology	Oct 2023	https://doi.or g/10.56042/ij ct.v30i4.7168 8	30 (4)	430-434	0.57	2023
24	Utilization of zinc doped biochar catalyst for biodiesel production from waste	Biofuels	Jan 2023	https://doi.or g/10.1080/17 597269.2023. 2215629	15 (1)	25-31	6.3	2023
25	· · · · · · · · · · · · · · · · · · ·	Energy Conversion and Management	Sep 2023	https://doi.or g/10.1016/j.e nconman.202 3.117418	292	117418	10.4	2023
26	Development of bio-based adhesive using tannery shaving dust: Process optimization using statistical and artificial intelligence techniques	Bioresource Technology Reports	Jun 2023	https://doi.or g/10.1016/j.b iteb.2023.101 413	22	101413	5.06	2023
27	recovery. Note of artificial interingence, economic	Bioresource Technology	Jul 2023	https://doi.or g/10.1016/j.b iortech.2023. 129044	379	129044	11.4	2023
28	as lighteenthosic blomass recustock's waste	Science of the Total Environment	Jun 2023	https://doi.or g/10.1016/j.s citotenv.2023 .163158	879	163158	9.8	2023

29	A comprehensive outlook on topical processing methods for biofuel production and its thermal applications: Current advances, sustainability and challenges	Fuel	Oct 2023	https://doi.or g/10.1016/j.f uel.2023.128 690	349	128690	7.4	2023
30	Insecticidal Potential of Matricaria chamomilla's Essential Oil and Its Components (E)-β-Farnesene, Germacrene D, and α-Bisabolol Oxide A against Agricultural Pests, Malaria, and Zika Virus Vectors	Agriculture (Switzerland)	Mar 2023	http://dx.doi. org/10.3390/a griculture130 40779	13(4)	vol. 13(4), pages 1-14	7.3	2023
31	Esterification of oleic acid to biodiesel using biowaste-based solid acid catalyst under microwave irradiation	Environmental Progress and Sustainable Energy	May 2023	https://doi.or g/10.1002/ep .14170				2023
32	Process optimization and technoeconomic assessment of biodiesel production by one-pot transesterification of Ricinus communis seed oil	Bioresource Technology	May 2023		376	128880, 0960-8524		2023
33	Extraction, characterization and kinetics of ultrasonic assisted extraction of biooil from Annona squamosa seeds	Indian Journal of ChemicalTechnology	May 2023			Vol. 30 No. 2		2023
34	Optimization and kinetics modelling for enhancing the bioethanol production from banana peduncle using Trichoderma reesei and Kluveromyces marxianus by Co-Pretreatment methods	Sustainable Energy Technologies and Assessments	Mar 2023		56	103129, 2213-1388		2022-2023
35	Diversity rhythm in pontellid copepods (Pontellidae: Copepoda) from the Covelong coast pre-and post-COVID-19 lockdown, Bay of Bengal	Turkish Journal of Zoology	Mar 2023		47	No. 2		2022-2023
36	Identification of novel inhibitor against human phosphoethanolamine cytidylyltransferase from phytochemicals of Citrus sinensis peel extract by in vitro and in silico approach	Biotechnology and Applied Biochemistry	Feb 2023	10.1002/bab. 2453				2022-2023
37	Synthesize and characterization of CaOx crystals against various citrus waste peel extracts: an in vitro study	Preparative Biochemistry and Biotechnology	Jun 2022			53(4)		2022- 2023
	Dual strategy for bioconversion of elephant grass biomass into fermentable sugars using Trichoderma reesei towards bioethanol production	Bioresource Technology	Feb-2023			128804		2022- 2023

39	Investigations on evaluation of marine macroalgae Dictyota bartayresiana oil for industrial scale production of biodiesel through technoeconomic analysis	Bioresource Technology	Feb-2023			128769		2022- 2023
40	Techno-economic process parameter studies for hydrogel composite production from corncob biomass and its application as fertilizer releasing agent	Chemical Papers	Feb-2023			1-11		2022- 2023
41	1 · · · · · · · · · · · · · · · · · · ·	Science of The TotalEnvironment	Jan- 2023			161661		2022- 2023
42	and the insight of molecular recognition of trastuzumab towards its antigen HER2	Journal of Biomolecular Structure and Dynamics	Dec-2022		22	11638- 11652		2022- 2023
43	Promising strategies of circular bioeconomy using heavy metal phytoremediated plants - A critical review	Chemosphere	Feb - 2023		313			2022- 2023
44	using Mg doped CaO Heterogeneous Nanocatalyst	Energy Sources, Part A: Recovery, Utilization And Environmental Effects	July 2022		44			2022- 2023
45	Surface Methodology, Extraction Kinetics and	Energy Sources Part A: Recovery, Utilization, andEnvironmental Effects	2020	1556-7036			1.184	2019- 2020
46	Process optimization, green chemistry balance and technoeconomic analysis of biodiesel production from castor oil using heterogeneous nanocatalyst	Technology	2020	0960-8524	320		7.539	2019- 2020
47	Synergism of Clay with Zinc oxide as nano particle for the production of biodiesel from marine algae Ulva Lactuca		Feb-19	-	Vol. 271	345-352	5.807	2018 - 2019
48	Bioethanol Production from Palm wood using Trichoderma reesei and Kluveromyces marxianus	Bioresource Technology	2019	-	Vol. 271	345-352	5.807	2018 - 2019

49	Overview in Mitigation of acrylamide in starchyfried and baked foods	Journal of the Science of Food and Agriculture	2018	4385– 4394	Vol. 98	-	2.379	2018 - 2019
50	Synthesis, Characterization and synergistic of Cerium-Selenium Nanobiocomposite of fungal L-Asparaginase for Curbing Lung Cancer	Materials Science and Engineering C: Materials for Biological Applications	2018	-	Vol. 93	809–815	5.08	2018 - 2019
51	Ultrasonic assisted Green synthesis of Fe and Fe/Zn bimetallic nanoparticles for invitro cytotoxicity study against Hela cancer cell line	Molecular Biology Report	2018	1397-1404	Vol. 45	-	1.889	2018 - 2019
52	Optimization and kinetics of Biooil Extractionfrom <i>Madhuca indica</i> seeds	Industrial Crops and Products	2018	-	Vol. 124	954-959	3.849	2018 - 2019
53	Malic acid production from biodiesel derived crude glycerol using morphologically controlled Aspergillus niger in batch fermentation	Bioresource Technology	2018	-	Vol. 269	393-399	5.807	2018 - 2019
54	Green synthesized iron and iron based nanoparticle in Environmental and Biomedical application-A Review	IET Nanobiotechnology	2018	-	-	-	2.059	2018 - 2019
55	Evaluation of catharanthus roseus biodiesel as analternative fuel to stud the performance and emission characteristics via 4-S internalcombustion engine	International Journal of Industrial Engineering	2018	2456-8449	Vol 2 Iss 7	160-166	0.537	2018 - 2019
56	Microbial production of L-asparaginase and its immobilization on chitosan for the mitigation of acrylamide in heat processed carrot slices	Indian Journal of Experimental Biology	Jul-18		Vol 56	504-510	1.475	2018 - 2019
57	Removal of methylene blue usingPolyacrylonitrile yarn waste / Carboxylic group Functionalized Multiwall Carbon nanotubeNanofibrous composite	Desalination and Water Treatment	May-18		Vol. 113	244-253	1.631	2017-2018
58	A Novel approach for extraction of algal oil frommarine macroalgae Ulva fasciata	Renewable Energy	Dec-17		127	64-73	4.357	2017-2018
59	Acrylamide mitigation in fried Kochchi kesel chips using free and immobilized fungal asparaginase	Food Technology and Biotechnology	2018		56 Is. 1	49-55	0.891	2017-2018
60	Significant Contribution In Biotechnology By The Indian Scientist Professor Ashok Pandey-An Scientometric Analysis.	International Journal of Recent Scientific Research	2018		Vol. 9, No. 2	23774- 23780.		2017-2018

61	Production of malic acid by chemically induced Aspergillus niger MTCC 281 mutant from crude glycerol without pretreatment	Bioresource Technology	2018		251	264-267	5.651	2017-2018
62	Biodiesel production from castor oil using heterogeneous Ni doped ZnO nanocatalyst	Bioresource Technology	2018		250	793-798	5.651	2017-2018
63	Production of biodiesel from waste cooking oil using MgMoO4-supported TiO2 as a heterogeneous catalyst	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2017		Vol. 39, No. 16	2053- 2059	0.527	2017-2018
64	Gold nanoparticle mediated delivery of fungal asparaginase against cancer cells	Journal of Drug Delivery Science and Technology	Feb-18		Vol. 44	498-504	Yes 1.194	2017-2018
65	Immobilization of Cellulase on Cobalt Oxide Nanoparticles for Efficient Bioethanol Production by Simultaneous Saccharification and Fermentation	International Journal of Modern Science and Technology	Dec-17	2456-0235	Vol. 2, IssueNo.	397-403		2017-2018
66	Extraction of non-edible oil from Catharanthus roseus seeds and kinetics on oil extraction	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	Sep-17		Vol.39 Iss 16	1746- 1743	0.527	2017-2018
67	Enzymatic Mitigation of Acrylamide in fried Potato chips using Asparaginase from Aspergillus terreus	International Journal of Food Science and Technology, 2017	Aug-17			491-498	1.64	2017-2018
68	Simultaneous Saccharification and Fermentation of woody stem Prosopis juliflora by Zymomonas mobilis for the production of cellulosic ethanol	International Journal of Materials and Product Technology	2017		Vol-55, 236-253	236-253	0.365	2017-2018
69	Dehydration kinetics of Musa acuminata in osmotics and microwave drying	International Journal of Materials and Product Technology	2017		Vo 88; 173-187	173-187	0.365	2017-2018
70	Ultrasound assisted phytosynthesis of iron oxide nanoparticle	Ultrasonics- Sonochemistry	2017		Vol.39; 446-451	446-451	4.556	2017-2018
71	Mineralization of aromatic amines liberated during the degradation of a sulfonated textile colorant using Klebsiella pneumoniae strain AHM	Process Biochemistry	2017		Vol 57; 181-189	777-780	2.529	2017-2018
72	Optimization and kinetics of biodiesel production from mahua oil using manganese doped zinc oxide nanocatalyst	Renewable Energy	Oct-16		Vol 103; 641-646	641-646	3.476	2016-2017

73	Conjugation, labeling and characterization of asparaginase bound silver nanoparticles for anticancer applications	Indian Journal of Experimental Biology	Mar-17		Vol. 55, (2017) 421-426	421-426	1.165	2016-2017
74	Synthesis and Characterization of Asparaginase Bound Silver Nanocomposite Against Ovarian Cancer Cell Line A2780 and Lung Cancer Cell Line A549	Journal of Inorganic and organometallic polymers and materials	Sep, 2016	1574-1443	26(5): 921- 1106	87-94	1.16	2016-2017
75	Production of biodiesel from castor oil using iron (II) doped zinc oxide nanocatalyst	Renewable Energy, Published online	Feb, 2016	0960-1481		01-Jul	3.404	2015-2016
76	Optimization and kinetics of biosorption of coomasive brilliant blue G250 dye from synthetic effluent using Pennisetumpurpureum	International Journal of Environment and Sustainable Development, Published online	2016	1478-7466	15(3)	241-253	1.609	2015-2016
77	Trends in catalytic production of biodiesel production	Renewable and Sustainable Energy Reviews	Dec, 2015	1364-0321	57	496-504	6.798	2015-2016
78	Effective extraction of total phenolic compounds bearing anti-obesity activity from Eucalyptus globulus	Journal of Chemical and Pharmaceutical Sciences	Jan, 2016	0974-2115	9(1)	250-255	-	2015-2016
79	In-vitro cytotoxicity of copper oxide nanobiocomposites synthesized by Catharanthusroseus flower extract against breast cancer cell line	Journal of Chemical and Pharmaceutical Sciences	Jan, 2016	0974-2115	9(1)	211-214	-	2015-2016
80	Production and optimization of cellulase from agricultural waste and its application in bioethanol by simultaneous sacchrification and fermentation	Management of Environmental Quality: An International Journal	August, 2015	1477-7835	27	22-35	-	2015-2016
81	Magnetic nanocomposite of activated charcoal for removal of congo red dye: Equilibrium and kinetic modeling	Management of Environmental Quality: An International Journal	Jun-15	1477-7835	27	45-58	-	2015-2016
82	Mycological synthesis and characterization of silver nanoparticles by Aspergillusspecies	Journal of Chemical and Pharmaceutical Research	2015	0974-2115	7(7)	300-306	-	2015-2016

83	Fabrication of chitosan coated magnetic nanobiocatalyst for starch hydrolysis	Chemical Engineering and Technology, Published online	May-15	0930-7516	38	01-Sep	2.385	2014-2015
84	Process optimization and kinetics of biodiesel production from neem oil using heterogeneous nanocatalyst	BioresourceTechnology	April, 2015	0960-8524	190	424-428	4.917	2014-2015
85	Biodegradation of toluene vapor in coir based upflow packed bed reactor byTrichodermaasperellumisolate	Environmental Science and Pollution Research, Published online,	Apr-15	0944-1344	-		2.76	2014-2015
86	Optimized Production of Cellulase using Fruit waste and its application in Bioethanol Production	International Journal of Pharma and BioSciences,	April, 2015	0975-6299	6(2)	1005- 1013	-	2014-2015
87	Magnetic immobilization and characterization of α -Amylase as nanobiocatalyst for hydrolysis of sweet potato starch	Biochemical Engineering Journal.	Feb, 2015	1369- 703X	102	18-23	2.463	2014-2015
88	Anticancer activity of fungal L-asparaginase conjugated with zinc oxide nanoparticles	Journal of Materials Science -Materials in Medicine	Jan, 2015	0957-4530	26	01-Jul	2.272	2014-2015
89	Biodiesel production from waste cooking oil using copper doped zinc oxide nanocomposite as heterogeneous catalyst	Bioresource Technology,	Jan, 2015	0960-8524	188	124-127	4.917	2014-2015
90	Nanocatalyst for transesterification of fatty acids into biodiesel	International Journal of Nanobiotechnology	2015	2456-0111	1(1)	01-Apr	-	2014-2015
91	Nanocomposites in Cancer Diagnosis and Treatment	Austin Journal of Nanomedicine and Nanotechnology	Oct, 2014	2381-8956	2(7)	2	-	2014-2015
92	Simultaneous saccharification and fermentation of bioethanol from softwood Moringaoleifera using thermo-tolerant yeast Kluyveromycesmarxianus MTCC 1388	International Journal of ChemTech Research	Oct, 2014	0974-4290	6(12)	5064- 5070	-	2014-2015
93	Carbon nanoparticle from a natural source fabricated for folate receptor targeting, imaging and drug delivery application in A549 lung cancer cells	European Journal of Pharmaceutics and Biopharmaceutics,	Oct, 2014	0939-6411	88(3)	730–736	3.975	2014-2015

94	Characterization of intracellular gold nanoparticles synthesized by biomass of Aspergillusterreus	Acta Metallurgica Sinica (English Letters),	July, 2014	0.426	27	569-572	-	2014-2015
95	Osmotic dehydration of fruits – An integrated approach	International Journal of Food and Nutritional	April, 2014	2320-7876	3(3)	18-23	-	2014-2015
		Sciences						
96	Biosynthesis of Zinc Oxide nanoparticles using Aspergillusfumigatus JCF and its antibacterial	International Journal of Modern Science and	May, 2016	2456-0235	1(2):	52-57	-	2014-2015
	activity	Technology						
97	Immobilizations of cellulose onto MnO2 nanoparticles for bioethanol production by	Chinese Journal of	August,	0253-9837		1223-		
	enhanced hydrolysis of agricultural waste	Catalysis	2015	0200 7007	36	1229	2.628	2014-2015
98	Isolation of fungal species and optimization of	Journal of Enzymology						
	substrate and carbon source for milk clotting enzyme production	and Metabolism	2014	2455-4774	1(1)	102	-	2014-2015
99	Effect of Various Pretreatment Methods on Osmotic Dehydration of Fruits for Qualitative	International Journal of	April,	0974-4290		4995-		
	and Quantitative Advantages	ChemTech Research	2014	0)14 42)0	6(12)	5001	-	2013-2014
100	Osmotic dehydration studies on Banana (Musa acuminata) using palm sugar solution	International journal of Technology and		2319-8613	2310 8613	1430-		
	acummata) using pann sugar solution	Engineering science.	Jan-14	2019 0010	2(1)	1439	-	2013-2014
101	Biological synthesis and characterization of intracellular gold nanoparticles using biomass of	Bulletin of Materials	Decemb	0250 4707		1201-		
	Aspergillusfumigates	Science	er, 2013	0250-4707	36(7)	1205	0.895	2013-2014
102	Mycological synthesis, characterization and antifungal activity of zinc oxide	Asian journal of Pharm.	October,	2231-5713	1 3(4)	142-146	-	2013-2014
	nanoparticles	Tech.	2013					

Dr. L. F. A. Anandraj

S. No	Title of the paper	Journal	Month, Year	ISSN	Issue	Page No.	SCI & Impact factor	Year
	Synthesis and characterization of zinc oxide nanoparticles using aqueous extract of <i>Illicium</i> verum and its antimicrobial application		Dec- 2022		43(24)	476-483		2022-2023
2	Biosynthesis of cellulose microfibre from peanut shell for the preparation of bio-nanocomposite films for food packaging application.	Bulletin of Material Science	2019	0250-4707	Vol 42, Issue 2	1-9	0.925	2018-2019
3	Catalytic Degradation of Organic Dye Using Organobentonite Gelatin Nanohybrid Film	Materials Today: Proceedings	2019	2214-7853	Vol 8, Part 1	315-322	0.825	2018-2019
4	Synthesis of bentonite nanoclay and incorporation of cassia fistula leaf extract to form organobentonite: characterization and its biomedical applications	Asian Journal of pharmaceutical and clinical research	Sep-18	0974-2441	Vol 11, Iss 9	381-384	0.58	2018-2019
5	Preparation and characterization of BSA and chitosan nanoparticles for the sustainable delivery system for quercetin	Journal of Applied Pharmaceutical Science	July, 2015	2231-3354	5(7)	001-005	0.533	2015-2016
6	A Biogenic approach for the synthesis and characterization of zinc oxide nanoparticles produced by Tinosporacordifolia	International Journal of Pharmacy and Pharmaceutical sciences	June, 2015	0975 - 1491	7(8)	384-386	0.803	2015-2016
7	Optimal synthesis of biocompatible bovin serum nanoparticles-Incorporated quercetin (BSA-NPS-GT) nano drug conjugate for the controlled release and improved antioxidative activity	Research Journal of Pharmaceutical, Biological and Chemical Sciences	May, 2014	0975-8585	5(3)	478-487	0.16	2014-2015
8	Biosynthesis and Characterization of Zinc Oxide Nanoparticles using Root Extract of Zingiberofficinale	Oriental Journal of Chemistry	Dec, 2013	2231-5039	31(1)	51-56	0.37	2014-2015
9	Effect Of Zinc Oxide Nanoparticle Produced By Zingiber Officinale Against Pathogenic Bacteria	Journal of Chemical and Pharmaceutical Sciences	Mar 2013	2349-8552	Vol 8, Issue 1	124-127	0.15	2014-2015
10	Preparation and characterization of BSA and chitosan nanopartices for sustainable delivery system for quercetin	Journal of Applied Pharmaceutical Science	July 2015	2231-3354	Vol 5, Issue 7	1-5	0.49	2015-2016

Dr. M. Chamundeeswari

S. No	Title of the paper	Journal	Month, Year	ISSN	Issue	Page No.	SCI & Impact factor	Year
1	Chemical-free natural dots as photocatalysts: A novel and cost-effective approach for dye degradation	International journal of Environmental Science and Technology	Aug 2023	-	20	5557–5570	4.02	2023
2	Development and characterization of DGEBA-APTES-ZrO2 nanocomposite coatings for anti-corrosion and anti-fouling	International Journal of Polymer Analysis and Characterization	Sep 2023	https://doi.or g/10.1080/1 023666X.20 23.2254034	28(6)	564-580	2.06	2023
3	An in-vitro study on post-surgical breast wound healing activity by zinc oxide dots and its optimization using Box Behnken design	Journal of Drug Delivery Science and Technology	Dec 2024	https://doi.or g/10.1016/j.j ddst.2023.10 5094	90	105094	5	2023
4	Optimization and chemical free fabrication of green synthesized iron nanoparticles as potential MRI contrast agent	Biotechnology and Applied Biochemistry	Feb 2024	https://doi.or g/10.1002/b ab.2561	-	-	2.8	2024
	Optimization of hematite nanoparticles from natural ore as novel imaging agents: A Green Chemistry approach	Biotechnology and Applied Biochemistry	Mar 2024	https://doi.or g/10.1002/b ab.2577	-	-	2.8	2024
6	Acute toxicology study of organic dyes-degraded water on adult zebrafish as human model for direct utility	Environment, Development and Sustainability	Mar 2024	-	-	-	4.9	2024
7	Sunlight driven antibacterial activity using a novel bionanocomposite and its optimization using Box-Behnken design - A medicament for communicable disease protective wearable	Biotechnology and Applied Biochemistry	Feb 2023		70(1)	221-237		2022-2023
8	Optimization of photo:active carbon dots for reactive dyes degradation by response surface methodology - an industrial approach		Mar 2023			10.1007/s1 3738-023- 02776-z		2022-2023

9	Spirulina carbon dots: a promising biomaterial for photocatalytic textile industry Reactive Red M8B dye degradation	Environmeniai	Feb 2023		30(18)	52073- 52086		2022-2023
10	Photocatalytic treatment of textile effluents by biosynthesized photo-smart catalyst: an ecofriendly and cost-effective approach	EIIVIIOIIIIEIIL.	Mar 2023			10.1007/s1 0668-023- 03172-6		2022-2023
11	Photocatalytic degradation of reactive dyes using natural photo-smart pigment—A novel approach for waste water re-usability'	CHVIIOHHEIIIAI	May 2023		30(26)	1-12		2022-2023
12	Multimodality: phantom imaging for superparamagnetic graphene composites using green technology for theranostic nanosystems	Applied Physics A: Materials Science AndProcessing	Dec- 2022		129			2022-2023
13	Optimization of reduced Graphene oxide synthesis using central composite design analysis-A waste to value approach	Environmental Science AndPollution Research	Nov- 2022					2022-2023
14	Optimization of reduced graphene oxide production using central composite design from <i>Pennisetum glaucum</i> for biomedical applications		Jul- 2022			1-17		2022-2023
15	A novel and an ecofriendly approach for organic dyes degradation using Spirulina platensis cultivated water	Catalysis Today	Nov-18	-	-	-	4.665	2018 - 2019
16	Nanocarriers for drug delivery applications	Environmental Chemistry Letters	Nov-18	-	-	-	3.126	2018 - 2019
17	Morphological Modification of carbon nanoparticles after interacting with methotrexate as a potential anticancer angent	Pharma Research	Jul-18	-	Vol 35, Iss 184	01-Oct	3.42	2018 - 2019
18	Fabrication of grapheme oxide using phycocyanin – a novel approach for antibacterial and anticancer studies	Int. Journal of Current Research in Life Science	Jun-18	2319-9490	Vol 7 Iss. 06	29-39	-	2018 - 2019
19	Gold nanoparticle mediated delivery of fungal asparaginase against cancer cells	Journal of Drug Delivery Science and Technology	Feb-18	-	Vol 44	498-504	Yes 1.194	2017-2018
20	Collagen as a potential biomaterial in biomedical applicatios	Reviews on Advanced materials Science	2018	-	53	29-39	Yes 2.5	2017-2018

21	Bucky Balls: A introduction, discovery and overview of their properties and applications	International journal of engineering research and reviews	Sep-17	2348- 697X	Vol 5. Issue-III : 37-45	37-45	-	2017-2018
22	Cytotoxic activity of probiotic Bacillus subtilis SK09 against human colon cancer cell ine (HT-29)	International Research Journal Of Pharmacy	Apr-17	2230 - 8407	4	105-109	-	2016-2017
23	Conjugation, labeling and characterization of asparaginase bound silver nanoparticles for anticancer applications	Indian Journal of Experimental Biology	Mar-17	-	Vol. 55, (2017) 421-426	421-426	1.165	2016-2017
24	Synthesis and Characterization of Asparaginase Bound Silver Nanocomposite Against Ovarian Cancer Cell Line A2780 and Lung Cancer Cell Line A549	Journal of Inorganic and organometallic polymers and materials	Sep, 2016	1574-1443	26(5): 921- 1106	87-94	1.16	2016-2017
25	Anticancer activity of fungal L-asparaginase conjugated with zinc oxide nanoparticles	Journal of Materials Science -Materials in Medicine	Jan, 2015	0957-4530	26	01-Jul	2.272	2015-2016
26	Carbon nanoparticle from a natural source fabricated for folate receptor targeting, imaging and drug delivery application in A549 lung cancer cells	European Journal of Pharmaceutics and Biopharmaceutics	-	0939-6411	88(3)	730-736	3.975	2014-2015
27	Biological synthesis and characterization of intracellular gold nanoparticles using biomass of Aspergillusfumigates	Bulletin of Materials Science	2013	0250-4707	36(7)	1201- 1205	0.895	2013-2014
28	Iron nanoparticles from blood coated with collagen as a matrix for the synthesis of nanohydroxyapatite	Bulletin of Materials Science	Dec, 2013	0250-4707	36(7)	1165– 1170	0.895	2013-2014
29	Bio-modified carbon nanoparticles loaded with methotrexate Possible carrier for anticancer drug delivery	Materials Science and Engineering: C	-	0928-4931	36	14-19	3.42	2013-2014

Ms. S. Yuwvaranni

S. No	Title of the paper	Journal	Month, Year	ISSN	Issue	Page No.	SCI & Impact factor	Year
1	Banana Blossom based green synthesis and Characterization of Copper oxide nanoparticle	Applied Physics A materials science &processing	May 2023	-	129:448	1-7	-	2022-2023
2	Mental Health Challenges Faced During Covid- 19 Pandemic: A Review	The International Journalof Indian Psychology	Aug- 2021	-	9,(3),	1252-1263	-	2021-2022
3	Review on the efficacy of Hydroxychloroquine on novel Coronavirus and its side effects	International Journal of Research and Analytical Reviews	Jun- 2021	-	-	891-909	-	2021-2022
4	Effect of Vitexnegundo and Daturametelaqueous extracts on common pathogen and its preliminary phytochemical screening	Journal of Chemical and Pharmaceutical Research	March, 2014	0974-2115	6(10)	759-761	-	2014-2015
5	Biohydrogen production by potent cellulose degrading Bacillus subtilis AuChE413 using sugarcane bagasse waste		Nov, 2013	2165-8951	7(3)	156-167	-	2013-2014
6	Preliminary Phytochemical Screening and Antibacterial Activity of DaturaMetel and VitexNegundo against Bacterial cold water disease causing organism	International Journal of Pharmacy and Pharmaceutical Sciences	March, 2014	0975-1491	6(5)	230-233	-	2013-2014

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S. No	Title of the paper	Journal	Month, Year	ISSN	Issue	Page No.	SCI & Impact factor	Year
1	Multimodality: phantom imaging for superparamagnetic graphene composites using green technology for theranostic nanosystems	Applied Physics A:	Dec- 2022		129			2022-2023
	Optimization of hematite nanoparticles from natural ore as novel imaging agents: A Green Chemistry approach	To 1 1 1 1	Mar 2024	https://doi.or g/10.1002/b ab.2577			2.8	2024
3	Optimization of reduced Graphene oxide synthesis using central composite design analysis-A waste to value approach		Nov- 2022					2022-2023
4	Optimization of reduced graphene oxide production using central composite design from <i>Pennisetum glaucum</i> for biomedical applications		Jul- 2022			1-17		2022-2023
5	Phytosynthesis of silver nanoparticles using Calotropis gigantea flower extract and its antibacterial activity		2019			53-60		2019-2020