S. No	Author(s)	Title	Journal	Year
1	Dr. N. Selvamurugan	Antiproliferative and Apoptotic Effects of pH-responsive Veratric acid-loaded Polydopamine Nanoparticles in Human Triple Negative Breast Cancer Cells	Chemistry and Biodiversity	May/2023
2	Dr. N. Selvamurugan	Exosomes in bone remodeling and breast cancer bone metastasis	Progress in Biophysics and Molecular Biology	September/2022
3	Dr. N. Selvamurugan	Chitosan-based scaffolds as drug delivery systems in bone tissue engineering	International Journal of Biological Macromolecules	September/2022
4	Dr. N. Selvamurugan	Regulation of Wnt signaling by non-coding RNAs during osteoblast differentiation	Differentiation	October/2022
5	Dr. N. Selvamurugan	Bioactive Molecule-incorporated Polymeric Electrospun Fibers for Bone Tissue Engineering	Current Stem Cell Research and Therapy	November/2023
6	Dr. N. Selvamurugan	Nanogels for bone tissue engineering - from synthesis to application	Nanoscale	February/2023
7	Dr. N. Selvamurugan	Recent Advancements in Electrospun Chitin and Chitosan Nanofibers for Bone Tissue Engineering Applications	Journal of Functional Biomaterials	May/2023
8	Dr. N. Selvamurugan	MiR-4638-3p regulates transforming growth factor-β1-induced activating transcription factor-3 and cell proliferation, invasion, and apoptosis in human breast cancer cells	International Journal of Biological Macromolecules	October/2022
9	Dr. N. Selvamurugan	Circ_CUX1/miR-130b-5p/p300 axis for parathyroid hormone-stimulation of Runx2 activity in rat osteoblasts: A combined bioinformatic and experimental approach	International Journal of Biological Macromolecules	January/2023
10	Dr. N. Selvamurugan	Chitosan-coated and thymol-loaded polymeric semi-interpenetrating hydrogels: An effective platform for bioactive molecule delivery and bone regeneration in vivo	Biomaterials Advances	January/2023
11	Dr. N. Selvamurugan	Roles of miR-214 in bone physiology and disease	Biocell	March/2023
12	Dr. N. Selvamurugan	Parathyroid hormone-regulation of Runx2 by MiR-290 for matrix Metalloproteinase-13 expression in rat osteoblastic cells	Current Molecular Medicine	July/2022

13	Dr. N. Selvamurugan	Recent advances in one-dimensional nanowire-incorporated bone tissue engineering scaffolds	Materials Today Communications	August/2022
14	Dr. N. Selvamurugan	Chitosan-based scaffolds as drug delivery systems in bone tissue engineering	International Journal of Biological Macromolecules	September/2022
15	Dr. N. Selvamurugan	Exosomes in bone remodeling and breast cancer bone metastasis	Progress in Biophysics and Molecular Biology	September/2022
16	Dr. N. Selvamurugan	Identification and characterization of TGF-β1-responsive Runx2 acetylation sites for matrix Metalloproteinase-13 expression in osteoblastic cells	Biochimie	October/2022
17	Dr. N. Selvamurugan	Regulation of Wnt signaling by non-coding RNAs during osteoblast differentiation	Differentiation	October/2022
18	Dr. Lilly Selena	A review on applications of β-glucosidase in food, brewery, pharmaceutical and cosmetic industries	Carbohydrate Research	May/2023
19	Dr. Lilly M Saleena	Functional metagenomics uncovers nitrile-hydrolysing enzymes in a coal metagenome	Frontiers in Molecular Biosciences	March/2023
20	Dr. Lilly M Saleena	CRISPR detection in metagenome-assembled genomes (MAGs) of coal mine	Functional and Integrative Genomics	December/2023
21	Dr. Lilly M Saleena	Converting the genomic knowledge base to build protein specific machine learning prediction models; a classification study on thermophilic serine protease	Biologia	September/2022
22	Dr. Lilly M Saleena	Use of Graphene and Its Derivatives for the Detection of Dengue Virus	Biosensors	March/2023
23	Dr. K. M. Ramkumar	Histone deacetylase inhibitors as antidiabetic agents: Advances and opportunities	European Journal of Pharmacology	November/2022
24	Dr. K. M. Ramkumar	New Insights into Dietary Pterostilbene: Sources, Metabolism, and Health Promotion Effects	Molecules	September/2022
25	Dr. K. M. Ramkumar	Vitamin D resistant genes - promising therapeutic targets of chronic diseases	Food and Function	August/2022
26	Dr. K. M. Ramkumar	Nrf2 driven macrophage responses in diverse pathophysiological contexts: Disparate pieces from a shared molecular puzzle	Biofactors	May/2022
27	Dr. K. M. Ramkumar	The role of circRNA-miRNA-mRNA interaction network in endothelial dysfunction	Gene	January/2023
28	Dr. K. M. Ramkumar	Dysfunctions, molecular mechanisms, and therapeutic strategies of pancreatic β-cells in diabetes	Apoptosis	June/2023

29	Dr. K. M. Ramkumar	Mangiferin alleviates hyperglycemia-induced endothelial impairment via Nrf2 signaling pathway	European Journal of Pharmacology	December/2022
30	Dr. K. M. Ramkumar	New Frontiers in Three-Dimensional Culture Platforms to Improve Diabetes Research	Pharmaceutics	February/2023
31	Dr. K. M. Ramkumar	The utility of inflammatory and endothelial factors in the prognosis of severe dengue	Immunobiology	September/2022
32	Dr. K. M. Ramkumar	Role of ferroptosis inhibitors in the management of diabetes	Biofactors	December/2022
33	Dr. K. M. Ramkumar	Modulation of transcription factors by small molecules in β-cell development and differentiation	European Journal of Pharmacology	May/2023
34	Dr. K. M. Ramkumar	Serum levels of matrix metalloproteinases as prognostic markers for severe dengue with plasma leakage	Experimental and Molecular Pathology	July/2022
35	Dr. K. M. Ramkumar	Role of Long Non-Coding RNA in Regulating ER Stress Response to the Progression of Diabetic Complications	Current Gene Therapy	August/2022
36	Dr. K. M. Ramkumar	Association of MICA gene Exon-5 polymorphism in oral submucous fibrosis	Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology	September/2022
37	Dr. K. M. Ramkumar	Pterostilbene attenuates hemin-induced dysregulation of macrophage M2 polarization via Nrf2 activation in experimental hyperglycemia	Inflammopharmacology	January/2023
38	Dr. R. A. Nazeer	Extraction of Squilla (Harpiosquilla annandalei) shell derived chitosan and its nanocarrier efficiency for sustained protein delivery	J. Adv. Biotechnol. Exp. Ther.	June/2022
39	Dr. R. A. Nazeer	Crab (Charybdis natator) exoskeleton derived chitosan nanoparticles for the in vivo delivery of poorly water-soluble drug: Ibuprofen	International Journal of Biological Macromolecules	July/2022
40	Dr. R. A. Nazeer	Pulmonary drug delivery applications of natural polysaccharide polymer derived nano/micro-carrier systems: A review	International Journal of Biological Macromolecules	September/2022
41	Dr. R. A. Nazeer	Combined Effects of Defatted Hydrolyzed Collagen from Salmon Skin and Vitamin C on Proliferation and Migration of Human Fibroblast Cell	Fishes	September/2022
42	Dr. R. A. Nazeer	Epidemiological burden, risk factors, and recent therapeutic advances in chronic obstructive pulmonary disease	J. Adv. Biotechnol. Exp. Ther.	October/2022

43	Dr. R. A. Nazeer	Is Marine Waste a Boon or Bane? An Insight on Its Source, Production, Disposal Consequences, and Utilization.	Applied Biotechnology for emerging pollutants remediation and energy conversion	May/2023
44	Dr. R. A. Nazeer	Exploitation of Marine Waste for Value-Added Products Synthesis	Applied Biotechnology for emerging pollutants remediation and energy conversion	May/2023
45	Dr. R. A. Nazeer	Proteome Analysis of the Antiproliferative Activity of the Novel Chitooligosaccharide–Gallic Acid Conjugate against the SW620 Colon Cancer Cell Line	Biomedicines	June/2023
46	Dr. R. A. Nazeer	Alginate-based drug carrier systems to target inflammatory bowel disease: A review	International Journal of Biological Macromolecules	June/2023
47	Dr. R. A. Nazeer	Insights on the mechanism of bleomycin to induce lung injury and associated in vivo models: A review	International Immunopharmacology	June/2023
48	Dr. R. Pachaiappan	Purification, identification and in silico models of alkaloids from Nardostachys jatamansi—bioactive compounds for neurodegenerative diseases	Biomass Conversion and Biorefinery	September/2022
49	Dr. R. Pachaiappan	Effect of incubation period on the glycosylated protein content in germinated and ungerminated seeds of mung bean (Vigna radiata (L.) Wilczek)	International Journal of Biological Macromolecules	September/2022
50	Dr. R. Pachaiappan	Syringol isolated from Eleusine coracana (L.) Gaertn bran suppresses inflammatory response through the down-regulation of cPLA2, COX-2, IκBα, p38 and MPO signaling	Inflammopharmacology	October/2022
51	Dr. R. Pachaiappan	Morin inhibits colon cancer stem cells by inhibiting PUM1 expression in vitro	Medical Oncology	October/2022
52	Dr. R. Pachaiappan	Influence of thermal treatment on extraction and characteristics of phytochemicals from rhizome of Acorus calamus L	Biomass Conversion and Biorefinery	October/2022
53	Dr. R. Pachaiappan	Neuroprotective effect of Biochanin a against Bisphenol A-induced prenatal neurotoxicity in zebrafish by modulating oxidative stress and locomotory defects	Neuroscience Letters	November/2022
54	Dr. R. Pachaiappan	GC-MS analysis of guttation fluids from selected crop plants	Journal of Crop Improvement	January/2022
55	Dr. R. Pachaiappan	Copper sulfate induced toxicological impact on in-vivo zebrafish larval model protected due to acacetin via anti-inflammatory and glutathione redox mechanism	Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology	December/2022

56	Dr. R. Pachaiappan	Profiling secondary metabolites from lichen “Parmotrema perlatum (Huds.) M. Choisy” and antibacterial and antioxidant potentials	Biomass Conversion and Biorefinery	December/2022
57	Dr. R. Pachaiappan	Identification of Potent Inhibitors from Some Medicinally Important Plants for the Treatment Against Various Types of Cancers	Therapeutic Protein Targets for Drug Discovery and Clinical Evaluation,	October/2022
58	Dr. R. Pachaiappan	Peptides as Antiviral Drugs	Therapeutic Protein Targets for Drug Discovery and Clinical Evaluation,	October/2022
59	Dr. R. Pachaiappan	Analysis of the Secondary Metabolites of Indigofera Aspalathoides DC Oil to Control Various Human Ailments	Therapeutic Protein Targets for Drug Discovery and Clinical Evaluation,	October/2022
60	Dr. R. Pachaiappan	The role of prognostic biomarkers and their implications in early detection of preeclampsia: A systematic review	Process Biochemistry	May/2023
61	Dr. R. Pachaiappan	Graphene oxide decorated daidzein as an oral drug to ameliorate the oxidative stress and glucocorticoid-induced osteoporosis in vivo zebrafish model	Journal of Drug Delivery Science and Technology	February/2023
62	Dr. R. Pachaiappan	Syringol, a wildfire residual methoxyphenol causes cytotoxicity and teratogenicity in zebrafish model	Science of The Total Environment	March/2023
63	Dr. R. Pachaiappan	Comparison on extracted metabolites from different regions grown Murraya koenigii and validation by antibacterial, antioxidant, and molecular docking studies	Biomass Conversion and Biorefinery	March/2023
64	Dr. R. Pachaiappan	Bioactive metabolites from germinated Cajanus cajan (L.) Millsp. seeds after treating with different concentrations of salicylic acid	BioResources	April/2023
65	Dr. R. Pachaiappan	Plausible antioxidant and anticonvulsant potential of brain targeted naringenin-conjugated graphene oxide nanoparticles	Biomass Conversion and Biorefinery	May/2023
66	Dr. R. Pachaiappan	Luteolin, a promising quorum quencher mitigates virulence factors production in Pseudomonas aeruginosa-In vitro and In vivoapproach	Microbial Pathogenesis	June/2023
67	Dr. R. Pachaiappan	Daidzein normalized gentamicin-induced nephrotoxicity and associated pro-inflammatory cytokines in MDCK and zebrafish: possible mechanism of nephroprotection	Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology	August/2022
68	Dr. R. Pachaiappan	The updated review on plant peptides and their applications in human health	Int J Pept Res Ther	July/2022

69	Dr. R. Pachaiappan	Copper sulfate induced toxicological impact on in-vivo zebrafish larval model protected due to acacetin via anti-inflammatory and glutathione redox mechanism	Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology	September/2022
70	Dr. R. Pachaiappan	Complete genome sequencing of Bacillus subtilis (CWTS 5), a siderophore-producing bacterium triggers antagonistic potential against Ralstonia solanacearum	Journal of Applied Microbiology	March/2023
71	Dr. K. Ramani	Supramolecular bioamphiphile facilitated bioemulsification and concomitant treatment of recalcitrant hydrocarbons in petroleum refining industry oily waste ☆	Environmental Pollution	September/2022
72	Dr. K. Ramani	A real time integrated approach for the treatment of petroleum industry oily waste through ancillary carbon metabolism and biocatalytic cascade induction	Process Safety and Environmental Protection	December/2022
73	Dr. K. Ramani	High-throughput bioamphiphile production by ethyl methane sulphonate induced mutant of hydrocarbonoclastic Enterobacter xiangfangensis STP-3: In depth structural elucidation and application to petroleum refinery oil sludge bioremediation	Journal of Hazardous Materials	June/2023
74	Dr. K. Ramani	Principles and Methods for the Removal of Microplastics in Wastewater	Applied Biotechnology for emerging pollutants remediation and energy conversion	May/2023
75	Dr. K. Ramani	Emergence of Antimicrobial Resistance among Microbiome in Wastewater Treatment Plant and Strategies to Tackle their Effects in Environment	Applied Biotechnology for emerging pollutants remediation and energy conversion	May/2023
76	Dr. K. Ramani	The Role of Wastewater Treatment Technologies in Municipal Landfill Leachate Treatment	Applied Biotechnology for emerging pollutants remediation and energy conversion	May/2023
77	Dr. K. Ramani	Microbial Biosurfactant in the Removal of Hydrophobic (Oily) Pollutants Laden Industrial Wastes	Applied Biotechnology for emerging pollutants remediation and energy conversion	May/2023
78	Dr. Richard Thilagaraj	Compartive Study of Antibacterial Activity between Selected International and Indian Essential Oils against Pathogenic Bacteria	Journal of Applied Pharmaceutical Science	July/1905

79	Dr. Richard Thilagaraj	A comparative analysis of Ethanol versus Tea Tree oil blended fuels and its engine performances and combustion characteristics in CI engine including environmental assessment and economic analysis.	Fuel	July/1905
80	Dr. Richard Thilagaraj	Energy Exergy Analysis of the Hydrous Ethanol Addition on Diesel Engine and its Characterisitcs.	Fuel	July/1905
81	Dr. Richard Thilagaraj	Role of microRNAs in regulation of insulin secretion and insulin signaling involved in type 2 diabetes mellitus	Journal of Biosciences	September/2022
82	Dr. S. Rupachandra	Insights into current directions of protein and peptide based hydrogel drug delivery systems for inflammation	Polymer Bulletin	October/2022
83	Dr. S. Rupachandra	A comprehensive review on RNA interference mediated targeting of interleukins and its potential therapeutic implications in colon cancer	3 Biotech	December/2022
84	Dr. S. Rupachandra	Assessment of antiproliferative and toxic effects of a peptide from Momordica dioica using in vitro and in vivo studies	Journal of Advanced Biotechnology and Experimental Therapeutics	January/2023
85	Dr. S. Sahabudeen	Influence of probiotics, synbiotics, and heat-killed Lactobacillus fermentum on ageing using Drosophila model–A preliminary study	Journal of Applied Pharmaceutical Science	March/2023
86	Dr. S. Sahabudeen	Significance of microbial genome in environmental remediation	Microbiological Research	June/2023
87	Dr. S. Sujatha	Effect of growth factors present in serum on insulin resistance and endothelial dysfunction in EA.hy926 cells	Journal of Advanced Biotechnology & Experimental Therapeutics	September/2022
88	Dr. V. Vinoth Kumar	Synthesis of magnetically recyclable porous cross-linked aggregates of Tramates versicolor MTCC 138 laccase for the efficient removal of pentachlorophenol from aqueous solution	Environmental Research	April/2023
89	Dr. V. Vinoth Kumar	Advances in enzymatic conversion of biomass derived furfural and 5-hydroxymethylfurfural to value-added chemicals and solvents	Bioresource Technology	March/2023
90	Dr. V. Vinoth Kumar	Microwave-assisted alkali pre-treatment medium for fractionation of rice straw and catalytic conversion to value-added 5-hydroxymethyl furfural and lignin production	International Journal of Biological Macromolecules	March/2023

91	Dr. V. Vinoth Kumar	Cost-effective, scalable production of glucose oxidase using Casuarina equisetifolia biomass and its application in the bio-Fenton oxidation process for the removal of trace organic contaminants from wastewater	Bioresource Technology	March/2023
92	Dr. V. Vinoth Kumar	Acetylcholinesterase biosensors for electrochemical detection of neurotoxic pesticides and acetylcholine neurotransmitter: A literature review	Environmental Research	March/2023
93	Dr. V. Vinoth Kumar	Polymeric membranes customized with super paramagnetic iron oxide nanoparticles for effective separation of pentachlorophenol and proteins in aqueous solution	Journal of Molecular Structure	March/2023
94	Dr. V. Vinoth Kumar	A systematic review on selection characterization and implementation of probiotics in human health	Food Science and Biotechnology	January/2023
95	Dr. V. Vinoth Kumar	Designing a novel poly (methyl vinyl ether maleic anhydride) based polymeric membrane with enhanced antifouling performance for removal of pentachlorophenol from aqueous solution	Environmental Research	February/2023
96	Dr. V. Vinoth Kumar	A Waste-to-Wealth Prospective Through Biotechnological Advancements	Applied Biotechnology for emerging pollutants remediation and energy conversion	May/2023
97	Dr. V. Vinoth Kumar	Fungal Bioremediation of Soils Contaminated by Petroleum Hydrocarbons	Applied Biotechnology for emerging pollutants remediation and energy conversion	May/2023
98	Dr. V. Vinoth Kumar	Development of engineered probiotics with tailored functional properties and their application in food science	Food Science and Biotechnology	February/2023
99	Dr. V. Vinoth Kumar	Biopreservative technologies of food: an alternative to chemical preservation and recent developments	Food Science and Biotechnology	June/2023
100	Dr. V. Vinoth Kumar	A critical review on current status and environmental sustainability of pre-treatment methods for bioethanol production from lignocellulose feedstocks	3 Biotech	June/2023

101	Dr. V. Vinoth Kumar	Laccase-immobilized on superparamagnetic iron oxide nanoparticles incorporated polymeric ultrafiltration membrane for the removal of toxic pentachlorophenol	Chemosphere	April/2023
102	Dr. V. Vinoth Kumar	Removal of pentachlorophenol and phenanthrene from lignocellulosic biorefinery wastewater by a biocatalytic/biosurfactant system comprising cross-linked laccase aggregates and rhamnolipid	Environmental Pollution	April/2023
103	Dr. V. Vinoth Kumar	Efficient decolorization and detoxification of triarylmethane and azo dyes by porous-cross-linked enzyme aggregates of Pleurotus ostreatus laccase	Chemosphere	December/2022
104	Dr. V. Vinoth Kumar	Three-phase partitioning for the separation of proteins, enzymes, biopolymers, oils and pigments: a review	Environmental Chemistry Letters	November/2022
105	Dr. V. Vinoth Kumar	Enhancement of antifouling properties, metal ions and protein separation of poly(ether-ether-sulfone) ultrafiltration membranes by incorporation of poly ethylene glycol and n-ZnO	Environmental Research	October/2022
106	Dr. V. Vinoth Kumar	Evaluating the potential of engineered Trichoderma atroviride and its laccase-mediated system for the efficient bioconversion of 5-hydroxymethylfufural	Chemosphere	September/2022
107	Dr. V. Vinoth Kumar	Utilization of surface-active compounds derived from biosolids to remediate polycyclic aromatic hydrocarbons contaminated sediment soil	Environmental Research	August/2022
108	Dr. V. Vinoth Kumar	Coimmobilized enzymes as versatile biocatalytic tools for biomass valorization and remediation of environmental contaminants - A review	Environmental Research	August/2022

109	Dr. V. Vinoth Kumar	Laccase production by Pleurotus ostreatus using cassava waste and its application in remediation of phenolic and polycyclic aromatic hydrocarbon-contaminated lignocellulosic biorefinery wastewater	Environmental Pollution	July/2022
110	Dr. Koustav Sarkar	T helper cell-mediated epitranscriptomic regulation via m6A RNA methylation bridges link between coronary artery disease and invasive ductal carcinoma	Journal of Cancer Research and Clinical Oncology	July/2022
111	Dr. Koustav Sarkar	Neem Leaf Glycoprotein in immunoregulation of cancer	Human Immunology	August/2022
112	Dr. Koustav Sarkar	Coronary artery disease and cancer: a significant resemblance.	Medical Oncology	September/2022
113	Dr. Koustav Sarkar	Involvement of inflammatory cytokines and epigenetic modification of the mtTFA complex in T-helper cells of patients' suffering from non-small cell lung cancer and	Molecular Immunology	September/2022
114	Dr. Koustav Sarkar	Clinical relevance and therapeutic aspects of professional antigen-presenting cells in lung cancer	Medical Oncology	September/2022
115	Dr. Koustav Sarkar	Role of Diospyros peregrina fruit preparation in suppressing regulatory T (Treg) cells in the tumor microenvironment of breast and lung cancer	Phytomedicine Plus	September/2022
116	Dr. Koustav Sarkar	Neem leaf glycoprotein mediated epigenetic modification in oral squamous cell carcinoma	Phytomedicine Plus	December/2022
117	Dr. Koustav Sarkar	DNA methylation and cancer: transcriptional regulation, prognostic, and therapeutic perspective	Medical Oncology	January/2023
118	Dr. Koustav Sarkar	Immunomodulatory Role of Diospyros peregrina Fruit Preparation in Breast Cancer by Utilizing Macrophage Mediated Antigen Presentation and T Helper Cell (Th) Differentiation	Clinical Breast Cancer	January/2023
119	Dr. Koustav Sarkar	Diospyros malabarica fruit preparation mediates immunotherapeutic modulation and epigenetic regulation to evoke protection against non–small cell lung cancer (NSCLC)	Journal of Ethnopharmacology	May/2023

120	Dr. Koustav Sarkar	Depletion of enhancer zeste homolog 2 (EZH2) directs transcription factors associated with T cell differentiation through epigenetic regulation of Yin Yang 1(YY1) in combating non-small cell lung cancer (NSCLC).	Medical Oncology	May/2023
121	Dr. M. Venkatesh Prabhu	Lipid extraction from freshwater and marine microalgae using confined impinging jet mixer	AIP Conference Proceedings	February/2023
122	Dr. Priya Swaminathan	Isolation and characterization of starch degrading bacteri	Journal of Applied Biology and Biotechnology	July/2022
123	Dr. R. Vasantharekha	Endocrine-Disrupting Chemicals Exposure Alter Neuroendocrine Factors, Disrupt Cardiac Functions and Provokes Hypoxia Conditions in Zebrafish Model.	Archives of Environmental Contamination and Toxicology	September/2022
124	Dr. B. Samuel Jacob	Resource Recycling, Recovery, and Xenobiotic Remediation from E-wastes Through Biofilm Technology: A Review	Applied Biochemistry and Biotechnology	July/2022
125	Dr. B. Samuel Jacob	Role of Biofilms in Waste Water Treatment	Applied Biochemistry and Biotechnology	September/2022
126	Dr. B. Samuel Jacob	A hybrid pretreatment strategy for delignification of Aloe vera processing waste and its effectiveness towards saccharification	Journal of Advanced Biotechnology and Experimental Therapeutics	September/2022
127	Dr. B. Samuel Jacob	Recent Developments in Synthetic Biology and their Role in Uplifting Lignocellulose Bioeconomy	Book Chapter In: Lignocellulose Bioconversion Through White Biotechnology	September/2022
128	Dr. B. Samuel Jacob	Deep Eutectic Solvent Pretreatment of Water Hyacinth for Improved Holocellulosic Saccharification and Fermentative Co-Production of Xylitol and Lipids Using Rhodosporidium toruloides NCIM 3547	Fermentation	October/2022
129	Dr. B. Samuel Jacob	Co-fermentation of lactic acid and acetone-butanol-ethanol (ABE) from the deep eutectic solvent–pretreated Aloe vera leaf rind through sequential valorization of holocellulose	Biomass Conversion and Biorefinery	December/2022
130	Dr. B. Samuel Jacob	Paradigm Shift from Biofuel to Biorefinery: Prospects and Roadmap	Book Chapter In:Prospects and Roadmap, Biofuels: Technologies, Policies, and Opportunities	April/2023

131	Dr. B. Samuel Jacob	The Impacts of Plastics on Environmental Sustainability and Ways to Degrade Microplastics	Book Chapter In: Applied Biotechnology for Emerging Pollutants Remediation and Energy Conversion	May/2023
132	Dr. B. Samuel Jacob	Industrial Perspectives of the Three Major Generations of Liquid and Gaseous-based Biofuel Production	Book Chapter In: Applied Biotechnology for Emerging Pollutants Remediation and Energy Conversion	May/2023
133	Dr. B. Samuel Jacob	Lignocellulose-Derived Arabinose for Energy and Chemicals Synthesis through Microbial Cell Factories: A Review	Processes	May/2023
134	Dr. B. Samuel Jacob	Fermentative valorisation of xylose-rich hemicellulosic hydrolysates from agricultural waste residues for lactic acid production under non-sterile conditions	Waste Management	May/2023
135	Dr. Amala Reddy	Diabetes Mellitus and iPSC-Based Therapy	Book chapter: Advances in Diabetes Research and Management, Springer Nature Singapore	March/2023
136	Dr. Amala Reddy	Signature precursor and mature microRNAs in cervical ripening during gestational diabetes mellitus lead to pre-term labor and other impediments in future	Journal of Diabetes & Metabolic Disorders	February/2023
137	Dr. Amala Reddy	Finding the Principle Leads using GC-MS and Unravelling the Anti-inflammatory Activity of Alkaloid Isolated from Caesalpinia bonducella by in vitro Techniques	Indian Journal of Pharmaceutical Education and Research	June/2023
138	Dr. Amala Reddy	Pharmacological Down Regulation of PRMT1 Exhibits Antagonistic Effect on Cellular Senescence Mediated by DAHP: Computational Modelling and Experimental Validation	International Journal of Pharmaceutical Sciences Review and Research	October/2022
139	Dr. Amala Reddy	ATTENUATION OF INFLAMMATION BY ETHANOLIC EXTRACT OF CAESALPINIA BONDUCELLA USING IN-VITRO INFLAMMATORY MODELS	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	February/2023
140	Dr. Amala Reddy	Cross-talk between insulin resistance and nitrogen species in hypoxia leads to deterioration of tissue and homeostasis	International Immunopharmacology	June/2023
141	Dr. T. Anju	Determining the Effect of Zno Nano Particles against Escherichia coli Strains	Current Overview on Pharmaceutical Science	February/2023

142	Dr. T. Anju	Anti-Urolithiasis Potential of Aerva Lanata Metabolites Investigated in Synthetic Urine and Cell-Free In-Vitro Assays	Asia-Pacific Journal of Science and Technology	
143	Dr. S. Barathi	Comprehending the Role of Endocrine Disruptors in Inducing Epigenetic Toxicity	Endocrine, Metabolic & Immune Disorders-Drug Targets	July/2022
144	Dr. G. Dhanavathy	Stem Cell-Derived Exosomes: A Promising Therapeutic Role in Animal Models with Colorectal Cancer	Book chapter: Handbook of Animal models and its uses in Cancer Research, Springer Nature Singapore	August/2022
145	Dr. G. Dhanavathy	The epigenetic correlation among ovarian cancer, endometriosis and PCOS: A review	Critical reviews in oncology/hematology	January/2022
146	Dr. G. Dhanavathy	Cancer Stem Cells: Reactive Oxygen Species-Induced Drug Resistance in Cancer	Book chapter: Handbook of Animal models and its uses in Cancer Research, Springer Nature Singapore	12/08.2022
147	Dr. D. V. L. Sarada	MYB transcription factors—master regulators of phenylpropanoid biosynthesis and diverse developmental and stress responses	Plant Cell Reports	September/2022
148	Dr. Elden Berla Thangam	Vitex trifolia L. modulates inflammatory mediators via down-regulation of the NF-κB signaling pathway in carrageenan-induced acute inflammation in experimental rats	Journal of Ethnopharmacology	August/2022
149	Dr. Jayabrata Das	Electropotential-Inspired Star-Shaped Gold Nanoconfined Multiwalled Carbon Nanotubes: A Proof-of-Concept Electrosensoring Interface for Lung Metastasis Biomarkers	ACS Applied Bio Materials	December/2022
150	Dr. Jayabrata Das	Foodborne Outbreaks: Sources and Mode of Transmission of Foodborne Pathogenic Microorganisms	Global Food Safety	January/2023
151	Dr. K. Venkatesan	Advancement of lipid-polymer hybrid nanoparticles in targeted drug delivery in cancer therapy	Research Journal of Biotechnology	March/2023
152	Dr. P. Radha	Chicken tallow, a low-cost feedstock for the two-step lipase-catalysed synthesis of biolubricant	Biocatalysis and Biotransformation	February/2023
153	Dr. P. Radha	Insight into Nano-Fillers and Their Reinforcement onto Polylactic Acid	Journal of Inorganic and Organometallic Polymers and Materials	March/2023
154	Dr. R. Muthukumar	Bisphenol A contamination in processed food samples: an overview	International Journal of Environmental Science and Technology	February/2023