

Sathishkumar Ramalingam

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

350
citations

9
h-index

17
g-index

43
ext. papers

538
ext. citations

4.6
avg, IF

4.35
L-index

#	Paper	IF	Citations
39	A review on transcriptomic and metabolomic responses of plants to nanopollution.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
38	In-vitro antidiabetic, antioxidant, antimicrobial and cytotoxic activity of <i>Murraya koenigii</i> leaf extract Intercedes ZnO nanoparticles.. <i>Luminescence</i> , 2022 ,	2.5	2
37	Bioactive Compounds in Oxidative Stress-Mediated Diseases: Targeting the NRF2/ARE Signaling Pathway and Epigenetic Regulation.. <i>Antioxidants</i> , 2021 , 10,	7.1	6
36	Recent insights on tea metabolites, their biosynthesis and chemo-preventing effects: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-20	11.5	4
35	Soybean Processing Wastes: Novel Insights on Their Production, Extraction of Isoflavones, and Their Therapeutic Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2021 ,	5.7	3
34	Overview of miRNA biogenesis and applications in plants. <i>Biologia (Poland)</i> , 2021 , 76, 2309-2327	1.5	1
33	Emerging role of nutritional short-chain fatty acids (SCFAs) against cancer via modulation of hematopoiesis. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-18	11.5	2
32	Differential expression of flavonoid biosynthesis genes and biochemical composition in different tissues of pigmented and non-pigmented rice. <i>Journal of Food Science and Technology</i> , 2021 , 58, 884-893 ³	3.3	4
31	ECasomorphin: A complete health perspective. <i>Food Chemistry</i> , 2021 , 337, 127765	8.5	10
30	Comprehensive in silico and gene expression profiles of MnP family genes in <i>Phanerochaete chrysosporium</i> towards lignin biodegradation. <i>International Biodeterioration and Biodegradation</i> , 2021 , 157, 105143	4.8	5
29	Influence of exogenous polyamines on somatic embryogenesis and regeneration of fresh and long-term cultures of three elite indica rice cultivars. <i>Cereal Research Communications</i> , 2021 , 49, 245-253 ^{1.1}		3
28	Molecular characterization of stress tolerance genes associated with <i>D. indicus</i> strain under extreme environment conditions. <i>Environmental Geochemistry and Health</i> , 2021 , 43, 4905-4917	4.7	1
27	Comparison of Cytokine Expression Profile in Chikungunya and Dengue Co-Infected and Mono-Infected PatientsSSamples. <i>Pathogens</i> , 2021 , 10,	4.5	1
26	The effect of abiotic and biotic stresses on the production of bioactive compounds in tea (<i>Camellia sinensis</i> (L.) O. Kuntze). <i>Plant Gene</i> , 2021 , 27, 100316	3.1	4
25	Comparative analysis of metabolic variations, antioxidant potential and cytotoxic effects in different parts of <i>Chelidonium majus</i> L. <i>Food and Chemical Toxicology</i> , 2021 , 156, 112483	4.7	3
24	Organopesticides and fertility: where does the link lead to?. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 6289-6301	5.1	2
23	Inhibition of histone deacetylases is the major pathway mediated by astaxanthin to antagonize LPS-induced inflammatory responses in mammary epithelial cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020 , 34, e22507	3.4	0

22	Resveratrol Nanoparticles: A Promising Therapeutic Advancement over Native Resveratrol. <i>Processes</i> , 2020 , 8, 458	2.9	6
21	Biosimilars: A novel perspective in diabetes therapy. <i>Asian Pacific Journal of Tropical Medicine</i> , 2020 , 13, 288	2.1	
20	Exosomes: Current use and future applications. <i>Clinica Chimica Acta</i> , 2020 , 500, 226-232	6.2	49
19	Up-converting phosphor technology-based lateral flow assay for quantitative detection of Hydroxybutyrate in biological samples. <i>Analytical Biochemistry</i> , 2020 , 591, 113546	3.1	7
18	Sensitive screen-printed electrodes with the colorimetric zone for simultaneous determination of mastitis and ketosis in bovine milk samples. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 203, 111746	6.7	1
17	Insights on the current status and advancement of diabetes mellitus type 2 and to avert complications: An overview. <i>Biotechnology and Applied Biochemistry</i> , 2020 , 67, 920-928	2.8	9
16	Facile Synthesis and Characterization of Quercetin-Loaded Alginate Nanoparticles for Enhanced In Vitro Anticancer Effect Against Human Leukemic Cancer U937 Cells. <i>Journal of Cluster Science</i> , 2020 , 1	3	3
15	Biofilm ClippersS enzyme formulation for bovine mastitic biofilm therapy. <i>Microbial Pathogenesis</i> , 2019 , 137, 103740	3.8	1
14	Effect of Copper Oxide Nanoparticles on the Physiology, Bioactive Molecules, and Transcriptional Changes in Brassica rapa ssp. rapa Seedlings. <i>Water, Air, and Soil Pollution</i> , 2019 , 230, 1	2.6	44
13	Impact of Copper Oxide Nanoparticles on Enhancement of Bioactive Compounds Using Cell Suspension Cultures of Gymnema sylvestre (Retz.) R. Br. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2165	2.6	20
12	Indian pulses: A review on nutritional, functional and biochemical properties with future perspectives. <i>Trends in Food Science and Technology</i> , 2019 , 88, 228-242	15.3	41
11	Optimizing culture conditions for high frequency somatic embryogenesis and plantlet conversion in Daucus carota L. <i>Biologia (Poland)</i> , 2019 , 74, 695-707	1.5	0
10	Nickel oxide nanoparticles cause substantial physiological, phytochemical, and molecular-level changes in Chinese cabbage seedlings. <i>Plant Physiology and Biochemistry</i> , 2019 , 139, 92-101	5.4	24
9	Sodium nitroprusside enhances callus induction and shoot regeneration in high value medicinal plant Canscora diffusa. <i>Plant Cell, Tissue and Organ Culture</i> , 2019 , 139, 65-75	2.7	13
8	Optimized in vitro micro-tuber production for colchicine biosynthesis in Gloriosa superba L. and its anti-microbial activity against Candida albicans. <i>Plant Cell, Tissue and Organ Culture</i> , 2019 , 139, 177-190	2.7	2
7	Methods/Protocols for Determination of Oxidative Stress in Crop Plants 2019 , 421-435		1
6	Alleviation of Mediated Necrotic Stress in the Transgenic Potato (L.) with Enhanced Ascorbic acid Accumulation. <i>Plants</i> , 2019 , 8,	4.5	6
5	Genome-wide analysis of purple acid phosphatase (PAP) family proteins in Jatropha curcas L. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 648-656	7.9	8

4	Flavonoids (Antioxidants Systems) in Higher Plants and Their Response to Stresses 2018 , 253-268		14
3	Assessment of the effects of metal oxide nanoparticles on the growth, physiology and metabolic responses in in vitro grown eggplant (). <i>3 Biotech</i> , 2018 , 8, 362	2.8	32
2	Nematicidal potential and specific enzyme activity enhancement potential of neem (<i>Azadirachta indica</i> A. Juss.) aerial parts. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 4204-4213	5.1	5
1	In vitro and in planta nematicidal activity of black pepper (<i>Piper nigrum</i> L.) leaf extracts. <i>Crop Protection</i> , 2017 , 100, 1-7	2.7	9