

# Sathishkumar Ramalingam

## List of Publications by Year in descending order

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28  
papers

913  
citations

759233

12  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1108  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA barcoding detects contamination and substitution in North American herbal products. BMC Medicine, 2013, 11, 222.	5.5	465
2	An agglutinating chitinase with two chitin-binding domains confers fungal protection in transgenic potato. Planta, 2005, 220, 717-730.	3.2	52
3	Antioxidant potentials of skin, pulp, and seed fractions of commercially important tomato cultivars. Food Science and Biotechnology, 2011, 20, 15-21.	2.6	50
4	Cadmium Induced Physio-Biochemical and Molecular Response in <i>Brassica Juncea</i> . International Journal of Phytoremediation, 2013, 15, 206-218.	3.1	39
5	Functional analyses of the chitin-binding domains and the catalytic domain of <i>Brassica juncea</i> chitinase BjCHI1. Plant Molecular Biology, 2004, 56, 285-298.	3.9	31
6	Cadmium Stress and Toxicity in Plants: An Overview. , 2019, , 1-17.		31
7	Influence of Genotypic Variations on Antioxidant Properties in Different Fractions of Tomato. Journal of Food Science, 2012, 77, C1174-8.	3.1	29
8	<i>Brassica juncea</i> chitinase BjCHI1 inhibits growth of fungal phytopathogens and agglutinates Gram-negative bacteria. Journal of Experimental Botany, 2008, 59, 3475-3484.	4.8	28
9	Ectopic expression of DJ-1/Pfpl domain containing <i>Erianthus arundinaceus</i> Glyoxalase III (EaGly III) enhances drought tolerance in sugarcane. Plant Cell Reports, 2020, 39, 1581-1594.	5.6	20
10	Overexpression of Glyoxalase III gene in transgenic sugarcane confers enhanced performance under salinity stress. Journal of Plant Research, 2021, 134, 1083-1094.	2.4	17
11	Evaluation of DNA barcode candidates for the discrimination of the large plant family Apocynaceae. Plant Systematics and Evolution, 2015, 301, 1263-1273.	0.9	16
12	In vitro and in planta nematicidal activity of black pepper ( <i>Piper nigrum</i> L.) leaf extracts. Crop Protection, 2017, 100, 1-7.	2.1	15
13	Effects of cooking on phytochemical and antioxidant properties of pigmented and non-pigmented rare Indian rice landraces. Biocatalysis and Agricultural Biotechnology, 2021, 32, 101928.	3.1	15
14	Influence of exogenous polyamines on somatic embryogenesis and regeneration of fresh and long-term cultures of three elite indica rice cultivars. Cereal Research Communications, 2021, 49, 245-253.	1.6	13
15	Enhanced vitamin E content in an Indica rice cultivar harbouring two transgenes from <i>Arabidopsis thaliana</i> involved in tocopherol biosynthesis pathway. Plant Biotechnology Journal, 2021, 19, 1083-1085.	8.3	12
16	Tissue culture and Agrobacterium-mediated genetic transformation studies in four commercially important indica rice cultivars. Journal of Crop Science and Biotechnology, 2017, 20, 175-183.	1.5	11
17	Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2): An Emerging Zoonotic Respiratory Pathogen in Humans. Journal of Pure and Applied Microbiology, 2020, 14, 931-936.	0.9	11
18	Metabolic Engineering of Isoflavonoid Biosynthesis by Expressing Glycine max Isoflavone Synthase in <i>Allium cepa</i> L. for Genistein Production. Plants, 2021, 10, 52.	3.5	11

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19	Antioxidant capacities of <i>Amaranthus tristis</i> and <i>Alternanthera sessilis</i> : A comparative study. <i>Journal of Medicinal Plants Research</i> , 2013, 7, 2230-2235.	0.4	8
20	Phytonutrients analysis in ten popular traditional Indian rice landraces ( <i>Oryza sativa</i> L.). <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 2598-2606.	3.2	7
21	Physicochemical factors modulate regeneration and <i>Agrobacterium</i> -mediated genetic transformation of recalcitrant indica rice cultivars - ASD16 and IR64. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 24, 101519.	3.1	7
22	Nematicidal potential and specific enzyme activity enhancement potential of neem ( <i>Azadirachta indica</i> ) Tj ETQq0 0,0,rgBT /Oyerlock 10	5.3	6
23	Epidemiology, clinical features and transmission of re-emerging arboviral infection chikungunya. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2019, 9, 135.	1.2	4
24	Emerging mosquito-borne arboviral infection Zika - An epidemiological review. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2020, 10, 193.	1.2	3
25	Production of Genistein in <i>Amaranthus tricolor</i> var. <i>tristis</i> and <i>Spinacia oleracea</i> by Expression of <i>Glycine max</i> Isoflavone Synthase. <i>Plants</i> , 2021, 10, 2311.	3.5	3
26	Growth modulation by nitric oxide donor sodium nitroprusside in in vitro plant tissue cultures " A review. <i>Biologia (Poland)</i> , 0, , 1.	1.5	3
27	Optimizing culture conditions for high frequency somatic embryogenesis and plantlet conversion in <i>Daucus carota</i> L. <i>Biologia (Poland)</i> , 2019, 74, 695-707.	1.5	2
28	Micropropagation and DNA delivery studies in onion cultivars of Bellary, CO3. <i>Journal of Crop Science and Biotechnology</i> , 2015, 18, 37-43.	1.5	1