

Mallappa Kumara Swamy

List of Publications by Year in descending order

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75
papers

6,607
citations

279701

23
h-index

233338

45
g-index

77
all docs

77
docs citations

77
times ranked

9313
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano based drug delivery systems: recent developments and future prospects. Journal of Nanobiotechnology, 2018, 16, 71.	4.2	3,689
2	Antimicrobial Properties of Plant Essential Oils against Human Pathogens and Their Mode of Action: An Updated Review. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-21.	0.5	523
3	Nanoparticles: Alternatives Against Drug-Resistant Pathogenic Microbes. Molecules, 2016, 21, 836.	1.7	392
4	A Comprehensive Review on the Phytochemical Constituents and Pharmacological Activities of Pogostemon cablin Benth.: An Aromatic Medicinal Plant of Industrial Importance. Molecules, 2015, 20, 8521-8547.	1.7	245
5	Plectranthus amboinicus (Lour.) Spreng: Botanical, Phytochemical, Pharmacological and Nutritional Significance. Molecules, 2016, 21, 369.	1.7	184
6	Patchouli (Pogostemon cablin Benth.): Botany, agrotechnology and biotechnological aspects. Industrial Crops and Products, 2016, 87, 161-176.	2.5	143
7	Synthesis and characterization of silver nanoparticles using fruit extract of Momordica cymbalaria and assessment of their in vitro antimicrobial, antioxidant and cytotoxicity activities. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 939-944.	2.0	122
8	Potential applications of engineered nanoparticles in medicine and biology: an update. Journal of Biological Inorganic Chemistry, 2018, 23, 1185-1204.	1.1	118
9	The green synthesis, characterization, and evaluation of the biological activities of silver nanoparticles synthesized from Leptadenia reticulata leaf extract. Applied Nanoscience (Switzerland), 2015, 5, 73-81.	1.6	115
10	GC-MS Based Metabolite Profiling, Antioxidant and Antimicrobial Properties of Different Solvent Extracts of Malaysian <i>Plectranthus amboinicus</i> Leaves. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-10.	0.5	95
11	Evaluation of Antioxidant and Cytotoxicity Activities of Copper Ferrite (CuFe ₂ O ₄) and Zinc Ferrite (ZnFe ₂ O ₄) Nanoparticles Synthesized by Sol-Gel Self-Combustion Method. Applied Sciences (Switzerland), 2016, 6, 184.	1.3	83
12	Anticancer potential of rosmarinic acid and its improved production through biotechnological interventions and functional genomics. Applied Microbiology and Biotechnology, 2018, 102, 7775-7793.	1.7	81
13	Leptadenia reticulata (Retz.) Wight & Arn. (Jivanti): Botanical, Agronomical, Phytochemical, Pharmacological, and Biotechnological Aspects. Molecules, 2017, 22, 1019.	1.7	74
14	Synthesis, Characterization and in Vitro Evaluation of Manganese Ferrite (MnFe ₂ O ₄) Nanoparticles for Their Biocompatibility with Murine Breast Cancer Cells (4T1). Molecules, 2016, 21, 312.	1.7	57
15	In Vitro Pharmacological Activities and GC-MS Analysis of Different Solvent Extracts of <i>Lantana camara</i> Leaves Collected from Tropical Region of Malaysia. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	56
16	Biosynthesis and Characterization of Silver Nanoparticles from Methanol Leaf Extract of Cassia didymobotrya and Assessment of Their Antioxidant and Antibacterial Activities. Journal of Nanoscience and Nanotechnology, 2015, 15, 9818-9823.	0.9	39
17	Arctium Species Secondary Metabolites Chemodiversity and Bioactivities. Frontiers in Plant Science, 2019, 10, 834.	1.7	38
18	Synthesis and utility of new amine/nucleobase addition products of allenylphosphonates. Tetrahedron, 2006, 62, 10152-10161.	1.0	37

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19	Evaluation of antioxidant, in vitro cytotoxicity of micropropagated and naturally grown plants of <i>Leptadenia reticulata</i> (Retz.) Wight & Arn.-an endangered medicinal plant. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S267-S271.	0.4	36
20	Evaluation of Patchouli (<i>Pogostemon cablin</i> Benth.) Cultivars for Growth, Yield and Quality Parameters. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 826-832.	0.7	32
21	Micropropagation and validation of genetic and biochemical fidelity among regenerants of <i>Nothapodytes nimmoniana</i> (Graham) Mabb. employing ISSR markers and HPLC. <i>3 Biotech</i> , 2016, 6, 171.	1.1	29
22	Phytoconstituents and antioxidant properties among commercial tea (<i>Camellia sinensis</i> L.) clones of Iran. <i>Electronic Journal of Biotechnology</i> , 2015, 18, 433-438.	1.2	27
23	The effect of plant growth regulators and natural supplements on in vitro propagation of <i>Pogostemon cablin</i> Benth.. <i>Journal of Crop Science and Biotechnology</i> , 2014, 17, 71-78.	0.7	23
24	Biogenic Synthesis, Characterization and Evaluation of Silver Nanoparticles from <i>Aspergillus niger</i> JX556221 Against Human Colon Cancer Cell Line HT-29. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3673-3681.	0.9	23
25	Rapid plant regeneration, analysis of genetic fidelity and camptothecin content of micropropagated plants of <i>Ophiorrhiza mungos</i> Linn. a potent anticancer Plant. <i>Journal of Crop Science and Biotechnology</i> , 2015, 18, 1-8.	0.7	22
26	Optimization of microwave-assisted extraction of zerumbone from <i>Zingiber zerumbet</i> L. rhizome and evaluation of antiproliferative activity of optimized extracts. <i>Chemistry Central Journal</i> , 2017, 11, 5.	2.6	22
27	Optimization of Flavonoid Extraction from Red and Brown Rice Bran and Evaluation of the Antioxidant Properties. <i>Molecules</i> , 2018, 23, 1863.	1.7	22
28	Response of PGPR and AM Fungi Toward Growth and Secondary Metabolite Production in Medicinal and Aromatic Plants. , 2016, , 145-168.		20
29	Root Exudates and Their Molecular Interactions with Rhizospheric Microbes. , 2016, , 59-77.		19
30	Safed Musli (<i>Chlorophytum borivilianum</i> L.) Callus-Mediated Biosynthesis of Silver Nanoparticles and Evaluation of their Antimicrobial Activity and Cytotoxicity against Human Colon Cancer Cells. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-8.	1.5	17
31	Biotechnology of camptothecin production in <i>Nothapodytes nimmoniana</i> , <i>Ophiorrhiza</i> sp. and <i>Camptotheca acuminata</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 9089-9102.	1.7	16
32	Endophytic Fungi and Bioactive Metabolites Production: An Update. , 2018, , 455-482.		15
33	Anticancer and Antibacterial Activities of Silver Nanoparticles (AgNPs) Synthesized from <i>Cucumis melo</i> L.. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4143-4151.	0.9	15
34	Micropropagation and essential oil characterization of <i>Plectranthus amboinicus</i> (Lour.) Sprengel, an aromatic medicinal plant. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 491-503.	0.9	14
35	Metabolic Engineering Strategies for Enhancing the Production of Bio-active Compounds from Medicinal Plants. , 2019, , 287-316.		12
36	A novel technique for <i>Musa acuminata</i> Colla "Grand Naine" (AAA) micropropagation through transverse sectioning of the shoot apex. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2017, 53, 226-238.	0.9	11

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37	Analgesic, Anti-inflammatory, Anti-lipoxygenase Activity and Characterization of Three Bioactive Compounds in the Most Active Fraction of <i>Leptadenia reticulata</i> (Retz.) Wight & Arn. - A Valuable Medicinal Plant. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 933-42.	0.3	10
38	Therapeutic Potential of Plant Polyphenolics and Their Mechanistic Action Against Various Diseases. , 2019, , 313-351.		9
39	Anticancer Plants: Chemistry, Pharmacology, and Potential Applications. , 2018, , 485-515.		8
40	Biocontrol of Plant Parasitic Nematodes by Fungi: Efficacy and Control Strategies. <i>Soil Biology</i> , 2015, , 219-247.	0.6	7
41	The Antineuroinflammatory Effect of Simvastatin on Lipopolysaccharide Activated Microglial Cells. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	0.5	6
42	Botany, Chemistry, and Pharmaceutical Significance of <i>Sida cordifolia</i> : A Traditional Medicinal Plant. , 2018, , 517-537.		6
43	<i>Piper betle</i> Linn. in Cancer: Past, Present, and Future. , 2018, , 327-347.		6
44	Encapsulation of in vitro <i>Plectranthus amboinicus</i> (Lour.) Spreng. shoot apices for propagation and conservation. <i>3 Biotech</i> , 2019, 9, 298.	1.1	6
45	Biosynthesis, Characterization and Biological Activities of Silver Nanoparticles from <i>Pogostemon cablin</i> Benth. Methanolic Leaf Extract. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 4109-4115.	0.9	6
46	Transgenic Plant Cell Cultures: A Promising Approach for Secondary Metabolite Production. , 2019, , 79-122.		6
47	Traditional Medicinal Plants and Their Therapeutic Potential Against Major Cancer Types. , 2018, , 383-410.		5
48	Anticancer Properties of Different Solvent Extracts of <i>Cucumis melo</i> L. Seeds and Whole Fruit and Their Metabolite Profiling Using HPLC and GC-MS. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	5
49	<i>Myristica fragrans</i> Houtt.: Botanical, Pharmacological, and Toxicological Aspects. , 2019, , 81-106.		5
50	Anticancer Plants and Their Conservation Strategies: An Update. , 2018, , 455-483.		4
51	Antibacterial and Antifungal Plant Metabolites from the Tropical Medicinal Plants. <i>Advanced Structured Materials</i> , 2021, , 263-285.	0.3	4
52	Hairy Root Cultures as an Alternative Source for the Production of High-Value Secondary Metabolites. , 2019, , 237-264.		4
53	Phytochemical profile and <i>in vitro</i> α -amylase inhibitory potential of different solvent extracts of <i>Lantana camara</i> . <i>Bangladesh Journal of Pharmacology</i> , 2015, 10, 962.	0.1	3
54	Influence of tuber weight and cutting on growth and yield of safed musli (<i>Chlorophytum</i>) Tj ETQq0 0 0 rgBT /Overdlock 10 Jf 50 62 To	1.3	3

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55	Microbe-Based Metallic Nanoparticles Synthesis and Biomedical Applications: An Update. , 2018, , 395-434.		3
56	Usefulness of Ocimum sanctum Linn. in Cancer Prevention: An Update. , 2018, , 415-429.		3
57	Antibacterial and Antifungal Agents of Higher Plants. , 2019, , 493-508.		3
58	Phytochemical Aspects of Medicinal Plants of Northeast India to Improve the Gynaecological Disorders: An Update. , 2019, , 353-367.		3
59	Linking Omics Approaches to Medicinal Plants and Human Health. , 2019, , 31-57.		3
60	Introduction to cancer and treatment approaches. , 2022, , 1-27.		3
61	Genomic Data Resources and Data Mining. , 2017, , 267-278.		2
62	Establishment of an efficient in vitro regeneration and Agrobacterium rhizogenes-mediated genetic transformation protocol for safed musli (Chlorophytum borivilianum Santapau & R.R.Fern.). In Vitro Cellular and Developmental Biology - Plant, 2017, 53, 571-578.	0.9	2
63	Micropropagation and Conservation of Selected Endangered Anticancer Medicinal Plants from the Western Ghats of India. , 2018, , 481-505.		2
64	Elucidation of Mechanisms of Anticancer Plant Compounds Against the Tumor Cells. , 2018, , 99-130.		2
65	Phytochemistry and Pharmacological Properties of Santalum album L.. , 2021, , 67-96.		2
66	Bioactive Phytocompounds to Fight Against Antimicrobial Resistance. , 2020, , 335-381.		2
67	Anticancer Potential of Mangrove Plants: Neglected Plant Species of the Marine Ecosystem. , 2018, , 303-325.		1
68	Tissue Culture Studies in Sandalwood (Santalum album L.). , 2021, , 209-241.		1
69	Influence of seed position within the fruit on seedling quality and in vitro shoot tip production of jackfruit. Journal of Horticultural Science and Biotechnology, 2018, 93, 510-518.	0.9	1
70	Identification and characterisation of two novel azo dye degrading microorganisms from contaminated ground water and soil of a textile mill. International Journal of Environmental Technology and Management, 2018, 21, 137.	0.1	1
71	Camptothecin: Occurrence, Chemistry and Mode of Action. Advanced Structured Materials, 2021, , 311-327.	0.3	1
72	Cancer Therapies: Current Scenario, Management, and Safety Aspects. , 2017, , 1-25.		0

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73	Identification and characterisation of two novel azo dye degrading microorganisms from contaminated ground water and soil of a textile mill. International Journal of Environmental Technology and Management, 2018, 21, 137.	0.1	0
74	Computational Methods Used in Phytocompound-Based Drug Discovery. , 2020, , 549-573.		0
75	Impact of metal nanoparticles on the morphological and physiological changes in plants: A review. Frontiers in Nanoscience and Nanotechnology, 2016, 2, .	0.3	0