

Mallappa Kumara Swamy

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

6,607
citations

279701

23
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233338

45
g-index

77
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77
docs citations

77
times ranked

9313
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to cancer and treatment approaches. , 2022, , 1-27.		3
2	Tissue Culture Studies in Sandalwood (<i>Santalum album</i> L.). , 2021, , 209-241.		1
3	Phytochemistry and Pharmacological Properties of <i>Santalum album</i> L.. , 2021, , 67-96.		2
4	Antibacterial and Antifungal Plant Metabolites from the Tropical Medicinal Plants. <i>Advanced Structured Materials</i> , 2021, , 263-285.	0.3	4
5	Camptothecin: Occurrence, Chemistry and Mode of Action. <i>Advanced Structured Materials</i> , 2021, , 311-327.	0.3	1
6	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
7	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
8	Computational Methods Used in Phytocompound-Based Drug Discovery. , 2020, , 549-573.		0
9	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
10	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
11	Bioactive Phytocompounds to Fight Against Antimicrobial Resistance. , 2020, , 335-381.		2
12	Arctium Species Secondary Metabolites Chemodiversity and Bioactivities. <i>Frontiers in Plant Science</i> , 2019, 10, 834.	1.7	38
13	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
14	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
15	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
16	Antibacterial and Antifungal Agents of Higher Plants. , 2019, , 493-508.		3
17	Therapeutic Potential of Plant Polyphenolics and Their Mechanistic Action Against Various Diseases. , 2019, , 313-351.		9
18	Phytochemical Aspects of Medicinal Plants of Northeast India to Improve the Gynaecological Disorders: An Update. , 2019, , 353-367.		3

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19	Myristica fragrans Houtt.: Botanical, Pharmacological, and Toxicological Aspects. , 2019, , 81-106.		5
20	Hairy Root Cultures as an Alternative Source for the Production of High-Value Secondary Metabolites. , 2019, , 237-264.		4
21	Metabolic Engineering Strategies for Enhancing the Production of Bio-active Compounds from Medicinal Plants. , 2019, , 287-316.		12
22	Linking Omics Approaches to Medicinal Plants and Human Health. , 2019, , 31-57.		3
23	Transgenic Plant Cell Cultures: A Promising Approach for Secondary Metabolite Production. , 2019, , 79-122.		6
24	Endophytic Fungi and Bioactive Metabolites Production: An Update. , 2018, , 455-482.		15
25	Microbe-Based Metallic Nanoparticles Synthesis and Biomedical Applications: An Update. , 2018, , 395-434.		3
26	Biogenic Synthesis, Characterization and Evaluation of Silver Nanoparticles from Aspergillus niger JX556221 Against Human Colon Cancer Cell Line HT-29. Journal of Nanoscience and Nanotechnology, 2018, 18, 3673-3681.	0.9	23
27	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
28	The Antineuroinflammatory Effect of Simvastatin on Lipopolysaccharide Activated Microglial Cells. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	0.5	6
29	Nano based drug delivery systems: recent developments and future prospects. Journal of Nanobiotechnology, 2018, 16, 71.	4.2	3,689
30	Anticancer Potential of Mangrove Plants: Neglected Plant Species of the Marine Ecosystem. , 2018, , 303-325.		1
31	Anticancer Plants and Their Conservation Strategies: An Update. , 2018, , 455-483.		4
32	Anticancer Plants: Chemistry, Pharmacology, and Potential Applications. , 2018, , 485-515.		8
33	Micropropagation and Conservation of Selected Endangered Anticancer Medicinal Plants from the Western Ghats of India. , 2018, , 481-505.		2
34	Botany, Chemistry, and Pharmaceutical Significance of Sida cordifolia: A Traditional Medicinal Plant. , 2018, , 517-537.		6
35	Piper betle Linn. in Cancer: Past, Present, and Future. , 2018, , 327-347.		6
36	Optimization of Flavonoid Extraction from Red and Brown Rice Bran and Evaluation of the Antioxidant Properties. Molecules, 2018, 23, 1863.	1.7	22

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37	Usefulness of <i>Ocimum sanctum</i> Linn. in Cancer Prevention: An Update. , 2018, , 415-429.		3
38	Traditional Medicinal Plants and Their Therapeutic Potential Against Major Cancer Types. , 2018, , 383-410.		5
39	Elucidation of Mechanisms of Anticancer Plant Compounds Against the Tumor Cells. , 2018, , 99-130.		2
40	Anticancer potential of rosmarinic acid and its improved production through biotechnological interventions and functional genomics. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7775-7793.	1.7	81
41	Potential applications of engineered nanoparticles in medicine and biology: an update. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 1185-1204.	1.1	118
42	Influence of seed position within the fruit on seedling quality and in vitro shoot tip production of jackfruit. <i>Journal of Horticultural Science and Biotechnology</i> , 2018, 93, 510-518.	0.9	1
43	Identification and characterisation of two novel azo dye degrading microorganisms from contaminated ground water and soil of a textile mill. <i>International Journal of Environmental Technology and Management</i> , 2018, 21, 137.	0.1	1
44	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
45	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
46	Influence of tuber weight and cutting on growth and yield of safed musli (<i>Chlorophytum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 382 T	1.3	3
47	Genomic Data Resources and Data Mining. , 2017, , 267-278.		2
48	Establishment of an efficient in vitro regeneration and <i>Agrobacterium rhizogenes</i> -mediated genetic transformation protocol for safed musli (<i>Chlorophytum borivilianum</i> Santapau & R.R.Fern.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2017, 53, 571-578.	0.9	2
49	<i>Leptadenia reticulata</i> (Retz.) Wight & Arn. (Jivanti): Botanical, Agronomical, Phytochemical, Pharmacological, and Biotechnological Aspects. <i>Molecules</i> , 2017, 22, 1019.	1.7	74
50	Cancer Therapies: Current Scenario, Management, and Safety Aspects. , 2017, , 1-25.		0
51	GC-MS Based Metabolite Profiling, Antioxidant and Antimicrobial Properties of Different Solvent Extracts of Malaysian <i>Plectranthus amboinicus</i> Leaves. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-10.	0.5	95
52	Antimicrobial Properties of Plant Essential Oils against Human Pathogens and Their Mode of Action: An Updated Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-21.	0.5	523
53	Synthesis, Characterization and in Vitro Evaluation of Manganese Ferrite (MnFe ₂ O ₄) Nanoparticles for Their Biocompatibility with Murine Breast Cancer Cells (4T1). <i>Molecules</i> , 2016, 21, 312.	1.7	57
54	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. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 184.	1.3	83

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55	Plectranthus amboinicus (Lour.) Spreng: Botanical, Phytochemical, Pharmacological and Nutritional Significance. <i>Molecules</i> , 2016, 21, 369.	1.7	184
56	Nanoparticles: Alternatives Against Drug-Resistant Pathogenic Microbes. <i>Molecules</i> , 2016, 21, 836.	1.7	392
57	Patchouli (<i>Pogostemon cablin</i> Benth.): Botany, agrotechnology and biotechnological aspects. <i>Industrial Crops and Products</i> , 2016, 87, 161-176.	2.5	143
58	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
59	Root Exudates and Their Molecular Interactions with Rhizospheric Microbes. , 2016, , 59-77.		19
60	Response of PGPR and AM Fungi Toward Growth and Secondary Metabolite Production in Medicinal and Aromatic Plants. , 2016, , 145-168.		20
61	Impact of metal nanoparticles on the morphological and physiological changes in plants: A review. <i>Frontiers in Nanoscience and Nanotechnology</i> , 2016, 2, .	0.3	0
62	A Comprehensive Review on the Phytochemical Constituents and Pharmacological Activities of <i>Pogostemon cablin</i> Benth.: An Aromatic Medicinal Plant of Industrial Importance. <i>Molecules</i> , 2015, 20, 8521-8547.	1.7	245
63	In Vitro Pharmacological Activities and GC-MS Analysis of Different Solvent Extracts of <i>Lantana camara</i> Leaves Collected from Tropical Region of Malaysia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	56
64	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
65	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
66	Biosynthesis and Characterization of Silver Nanoparticles from Methanol Leaf Extract of <i>Cassia didymobotrya</i> and Assessment of Their Antioxidant and Antibacterial Activities. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 9818-9823.	0.9	39
67	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
68	Synthesis and characterization of silver nanoparticles using fruit extract of <i>Momordica cymbalaria</i> and assessment of their <i>in vitro</i> antimicrobial, antioxidant and cytotoxicity activities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 939-944.	2.0	122
69	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
70	The green synthesis, characterization, and evaluation of the biological activities of silver nanoparticles synthesized from <i>Leptadenia reticulata</i> leaf extract. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 73-81.	1.6	115
71	Biocontrol of Plant Parasitic Nematodes by Fungi: Efficacy and Control Strategies. <i>Soil Biology</i> , 2015, , 219-247.	0.6	7
72	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

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73	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
74	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
75	Synthesis and utility of new amine/nucleobase addition products of allenylphosphonates. <i>Tetrahedron</i> , 2006, 62, 10152-10161.	1.0	37