Harsukh Gajera

List of Publications by Year
in descending order

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		516561	610775
49	702	16	24
papers	citations	h-index	g-index

50	50	50	804
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antidiabetic and antioxidant functionality associated with phenolic constituents from fruit parts of indigenous black jamun (Syzygium cumini L.) landraces. Journal of Food Science and Technology, 2017, 54, 3180-3191.	1.4	49
2	Production of lytic enzymes by Trichoderma isolates during in vitro antagonism with Aspergillus niger, the causal agent of collar rot of peanut. Brazilian Journal of Microbiology, 2012, 43, 43-52.	0.8	43
3	Bacterial membrane destabilization with cationic particles of nano-silver to combat efflux-mediated antibiotic resistance in Gram-negative bacteria. Life Sciences, 2019, 230, 178-187.	2.0	37
4	Molecular and biochemical characterization of Trichoderma isolates inhibiting a phytopathogenic fungi Aspergillus niger Van Tieghem. Physiological and Molecular Plant Pathology, 2010, 74, 274-282.	1.3	36
5	Molecular identification and characterization of novel Hypocrea koningii associated with azo dyes decolorization and biodegradation of textile dye effluents. Chemical Engineering Research and Design, 2015, 98, 406-416.	2.7	36
6	Green synthesis and antifungal mechanism of silver nanoparticles derived from chitinâ€•induced exometabolites ofTrichodermainterfusant. Applied Organometallic Chemistry, 2020, 34, e5407.	1.7	36
7	Interruption in membrane permeability of drug-resistant Staphylococcus aureus with cationic particles of nanoâ€˜silver. European Journal of Pharmaceutical Sciences, 2019, 127, 208-216.	1.9	32
8	Molecular characterization and genetic variability studies associated with fruit quality of indigenous mango (Mangifera indica L.) cultivars. Plant Systematics and Evolution, 2014, 300, 1011-1020.	0.3	30
9	Bactericidal assessment of nano-silver on emerging and re-emerging human pathogens. Journal of Trace Elements in Medicine and Biology, 2019, 51, 219-225.	1.5	28
10	Molecular evolution and phylogenetic analysis of biocontrol genes acquired from SCoT polymorphism of mycoparasitic Trichoderma koningii inhibiting phytopathogen Rhizoctonia solani Kuhn. Infection, Genetics and Evolution, 2016, 45, 383-392.	1.0	27
11	Metabolomics of groundnut (Arachis hypogaea L.) genotypes under varying temperature regimes. Plant Growth Regulation, 2018, 84, 493-505.	1.8	27
12	Antipathy of <i>Trichoderma</i> against <i>Sclerotium rolfsii </i>Sacc.: Evaluation of Cell Wall-Degrading Enzymatic Activities and Molecular Diversity Analysis of Antagonists. Journal of Molecular Microbiology and Biotechnology, 2017, 27, 22-28.	1.0	26
13	Trichoderma viride induces pathogenesis related defense response against rot pathogen infection in groundnut (Arachis hypogaea L.). Infection, Genetics and Evolution, 2015, 34, 314-325.	1.0	22
14	Antioxidant defense response induced by Trichoderma viride against Aspergillus niger Van Tieghem causing collar rot in groundnut (Arachis hypogaea L.). Microbial Pathogenesis, 2016, 91, 26-34.	1.3	22
15	The SRAP based molecular diversity related to antifungal and antioxidant bioactive constituents for biocontrol potentials of Trichoderma against Sclerotium rolfsii Scc.. Current Genetics, 2016, 62, 619-641.	0.8	18
16	Application of peanut butter to improve fatty acid composition of biscuits. Journal of Food Science and Technology, 2010, 47, 285-289.	1.4	17
17	Comparison of RAPD and ISSR markers for genetic diversity analysis among different endangered Mangifera indica genotypes of Indian Gir forest region. Journal of Plant Biochemistry and Biotechnology, 2011, 20, 217-223.	0.9	16
18	Nutritional profile and molecular fingerprints of indigenous black jamun (Syzygium cumini L.) landraces. Journal of Food Science and Technology, 2018, 55, 730-739.	1.4	16

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19	Inhibition coefficient and molecular diversity of multi stress tolerant Trichoderma as potential biocontrol agent against Sclerotium rolfsii Sacc.. Infection, Genetics and Evolution, 2017, 55, 75-92.	1.0	14
20	Molecular insights into development of Trichoderma interfusants for multistress tolerance enhancing antagonism against Sclerotium rolfsii Sacc. Journal of Cellular Physiology, 2019, 234, 7368-7383.	2.0	13
21	Identification of novel QTLs for late leaf spot resistance and validation of a major rust QTL in peanut (Arachis hypogaea L.). 3 Biotech, 2020, 10, 458.	1.1	13
22	Bioefficacy of Trichoderma Isolates Against Aspergillus Niger Van Tieghem Inciting Collar Rot in Groundnut (Arachis Hypogaea L.). Journal of Plant Protection Research, 2011, 51, .	1.0	12
23	Molecular heterozygosity and genetic exploitations of Trichoderma inter-fusants enhancing tolerance to fungicides and mycoparasitism against Sclerotium rolfsii Sacc.. Infection, Genetics and Evolution, 2018, 66, 26-36.	1.0	12
24	Appraisal of RAPD and ISSR markers for genetic diversity analysis among cowpea (Vigna unguiculata L.) genotypes. Journal of Crop Science and Biotechnology, 2014, 17, 79-88.	0.7	11
25	The impact of bacterial size on their survival in the presence of cationic particles of nano-silver. Journal of Trace Elements in Medicine and Biology, 2020, 61, 126517.	1.5	9
26	Molecular diversity and fingerprints of Trichoderma associated with antagonistic potentials against Sclerotium rolfsii Sacc.. Journal of Plant Diseases and Protection, 2017, 124, 31-40.	1.6	8
27	Preparation, characterization, and xenotransplantation of the caprine acellular dermal matrix. Xenotransplantation, 2020, 27, e12572.	1.6	8
28	Extracellular metabolomics of Trichoderma biocontroller for antifungal action to restrain Rhizoctonia solani Kuhn in cotton. Physiological and Molecular Plant Pathology, 2020, 112, 101547.	1.3	8
29	Lipoxygenase-related defense response induced by Trichoderma viride against Aspergillus niger Van Tieghem, inciting collar rot in groundnut (Arachis hypogaea L.). Phytoparasitica, 2015, 43, 229-240.	0.6	6
30	Biocontrol Mechanism of Bacillus for Fusarium Wilt Management in Cumin (Cuminum cyminum L.). Fungal Biology, 2016, , 29-47.	0.3	6
31	Bubaline Aortic Matrix: Histologic, Imaging, Fourier Transform Infrared Spectroscopic Characterization and Application into Cattle Abdominal Hernia Repair. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 161-170.	0.4	6
32	Metabolomics of extracellular compounds and parasitic enzymes of Beauveria bassiana associated with biological control of whiteflies (Bemisia tabaci). Pesticide Biochemistry and Physiology, 2021, 176, 104877.	1.6	6
33	Application of Peanut Butter to Improve the Nutritional Quality of Cookies. Current Research in Nutrition and Food Science, 2017, 5, 398-405.	0.3	6
34	Bubaline Diaphragm Matrix: Development and Clinical Assessment into Cattle Abdominal Hernia Repair. Brazilian Archives of Biology and Technology, 0, 62, .	0.5	6
35	Characterization and bioefficacy of green nanosilver particles derived from fungicide-tolerant Tricho-fusant for efficient biocontrol of stem rot (Sclerotium rolfsii Sacc.) in groundnut (Arachis) Tj ETQq1 1 0.784314 rgBT /Overlock		
36	Green synthesis and characterization of nanosilver derived from extracellular metabolites of potent Bacillus subtilis for antifungal and eco-friendly action against phytopathogen. BioMetals, 2022, 35, 479-497.	1.8	6

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37	Trichoderma viride induces phenolics in groundnut (Arachis hypogaea L.) seedlings challenged with rot pathogen (Aspergillus niger Van Tieghem). Phytoparasitica, 2014, 42, 703-712.	0.6	5
38	Characterization and bio-efficacy of entomopathogenic Beauveria associated with cuticle-degrading enzymes to restrain sucking pest Bemisia tabaci. Parasitology Research, 2022, 121, 2019-2031.	0.6	5
39	Biosynthesis and characterization of extracellular metabolites-based nanoparticles to control the whitefly. Archives of Microbiology, 2022, 204, 311.	1.0	4
40	Biochemical indices and RAPD markers for salt tolerance in wheat genotypes. Indian Journal of Plant Physiology, 2016, 21, 143-150.	0.8	3
41	Evaluation of heat tolerance indices in bread wheat (Triticum aestivum L.) genotypes based on physiological, biochemical and molecular markers. Indian Journal of Plant Physiology, 2016, 21, 197-207.	0.8	3
42	Microscopic and spectroscopic characterization of an extraskeletal intranasal osteoma in a Gir cow. Microscopy Research and Technique, 2021, 84, 555-562.	1.2	3
43	Microsatellite Markers Based Genetic Diversity Analysis for Salt Tolerance in Wheat Genotypes. Indian Journal of Agricultural Biochemistry, 2016, 29, 140.	0.1	2
44	Possible Association Between Nickel and Multiple Osteomas of the Mandible in a Gir Bullock. Biological Trace Element Research, 2021, 199, 4805-4810.	1.9	1
45	Physiological, Qualitative and Molecular Markers Based Evaluation of Mango Cultivars. Indian Journal of Agricultural Biochemistry, 2016, 29, 80.	0.1	1
46	LC-QTOF based Untargeted Metabolites, Bioactive Constituents and Elemental Analysis Associated with Antioxidant Activity in Ficus racemosa L.. Indian Journal of Agricultural Biochemistry, 2018, 31, 39.	0.1	1
47	Biochemical Characterization of Ridge Gourd and Sponge Gourd Genotypes. Indian Journal of Agricultural Biochemistry, 2015, 28, 128.	0.1	0
48	Biochemical Characterization and Molecular Identification of Pseudomonas Antagonists Inhibiting Fusarium oxysporum f. sp. ciceri and Sclerotium rolfsii Sacc.. Indian Journal of Agricultural Biochemistry, 2016, 29, 175.	0.1	0
49	Biochemical Characterization and Molecular Variability Associated with Drought Tolerance in Cotton. Indian Journal of Agricultural Biochemistry, 2018, 31, 9.	0.1	0