

Mohammadreza Zamani

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

289
citations

933447

10
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940533

16
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22
all docs

22
docs citations

22
times ranked

385
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Engineering of Chit42 Towards Improvement of Chitinase and Antifungal Activities. <i>Current Microbiology</i> , 2014, 68, 495-502.	2.2	35
2	Enhanced resistance to <i>Sclerotinia sclerotiorum</i> in <i>Brassica napus</i> by co-expression of defensin and chimeric chitinase genes. <i>Journal of Applied Genetics</i> , 2016, 57, 417-425.	1.9	33
3	Characterization and High Level Expression of Acidic Endoglucanase in <i>Pichia pastoris</i> . <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 2253-2265.	2.9	32
4	Designing a new chitinase with more chitin binding and antifungal activity. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 1517-1523.	3.6	24
5	Disulfide bonds elimination of endoglucanase II from <i>Trichoderma reesei</i> by site-directed mutagenesis to improve enzyme activity and thermal stability: An experimental and theoretical approach. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1572-1580.	7.5	23
6	Influence of recombinant <i>Trichoderma</i> strains on growth of bean (<i>Phaseolus vulgaris</i> L) by increased root colonization and induction of root growth related genes. <i>Scientia Horticulturae</i> , 2020, 261, 108932.	3.6	17
7	Efficient and Versatile Application of Fluorescence DNA-Conjugated CdTe Quantum Dots Nanoprobe for Detection of a Specific Target DNA of SARS Cov-2 Virus. <i>Langmuir</i> , 2021, 37, 10223-10232.	3.5	17
8	Capability of novel fluorescence DNA-conjugated CdTe/ZnS quantum dots nanoprobe for COVID-19 sensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120702.	3.9	16
9	Co-transformation of canola by chimeric chitinase and tlp genes towards improving resistance to <i>Sclerotinia sclerotiorum</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 144.	3.6	13
10	Significant increase in cyanide degradation by <i>Bacillus</i> sp. M01 PTCC 1908 with response surface methodology optimization. <i>AMB Express</i> , 2017, 7, 200.	3.0	13
11	Cloning, Overexpression and in vitro Antifungal Activity of Zea Mays PR10 Protein. <i>Iranian Journal of Biotechnology</i> , 2017, 15, 42-49.	0.3	12
12	Agrobacterium-Mediated Transformation of the <i>Oryza sativa</i> Thaumatin-Like Protein to Canola (R Line) Tj ETQq0 0 0 rgBT /Overlock 10 T 2017, 15, 201-207.	0.3	10
13	Production of pectic enzymes by barepatch isolates of <i>Rhizoctonia solani</i> AG 8. <i>Australasian Plant Pathology</i> , 2003, 32, 65.	1.0	8
14	Physicochemical study of a novel chimeric chitinase with enhanced binding ability. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 845-856.	2.0	7
15	Efficient seed-specifically regulated autoexcision of marker gene (nptII) with inducible expression of interest gene in transgenic <i>Nicotiana tabacum</i> . <i>Turkish Journal of Biology</i> , 2016, 40, 1-11.	0.8	6
16	Generation of transgenic sugar beet (<i>Beta vulgaris</i> L.) overexpressing the polygalacturonase inhibiting protein 1 of <i>Phaseolus vulgaris</i> (PvPGIP1) through Agrobacterium-mediated transformation. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2015, 39, 429-438.	2.1	5
17	Increased antifungal activity of Chit42 from <i>Trichoderma atroviride</i> by addition of a chitin binding domain. <i>Tropical Plant Pathology</i> , 2016, 41, 350-356.	1.5	4
18	Preparation of novel fluorescence nanosensor ^{19}C - CdTe/ZnS quantum dots for high accurate detection of Epirubicin. <i>Materials Today Communications</i> , 2021, 26, 101874.	1.9	4

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19	Cyanide Biodegradation by <i>Trichoderma harzianum</i> and Cyanide Hydratase Network Analysis. <i>Molecules</i> , 2022, 27, 3336.	3.8	4
20	Rapid and Highly Sensitive Detection of Target DNA Related to COVID-19 Virus With a Fluorescent Bio-conjugated Probe via a FRET Mechanism. <i>Journal of Fluorescence</i> , 2022, 32, 1959-1967.	2.5	3
21	A comparative study of transgenic canola (<i>Brassica napus</i> L.) harboring either chimeric or native Chit42 genes against phytopathogenic fungi. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2016, 25, 358-366.	1.7	2
22	Sugarcane (NCo310) Transient Transformation Using uidA Reporter Gene. <i>Iranian Journal of Biotechnology</i> , 2013, 11, x-x.	0.3	1