Changhe Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5507387/publications.pdf

Version: 2024-02-01

39	764	567281	526287
papers	citations	15 h-index	27 g-index

42	42	42	842
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancement of Tanshinone Production inSalvia miltiorrhizaHairy Root Culture by Ag+Elicitation and Nutrient Feeding. Planta Medica, 2004, 70, 147-151.	1.3	86
2	Title is missing!. Biotechnology Letters, 2000, 22, 1561-1564.	2.2	84
3	Effects of inoculum size and age on biomass growth and paclitaxel production of elicitor-treated Taxus yunnanensis cell cultures. Applied Microbiology and Biotechnology, 2002, 60, 396-402.	3.6	60
4	Ethylene inhibitors enhance elicitor-induced paclitaxel production in suspension cultures of Taxus spp. cells. Enzyme and Microbial Technology, 2003, 32, 71-77.	3.2	56
5	Enhanced paclitaxel productivity and release capacity of Taxus chinensis cell suspension cultures adapted to chitosan. Plant Science, 2007, 172, 158-163.	3.6	52
6	Production of dragon's blood in Dracaena cochinchinensis plants by inoculation of Fusarium proliferatum. Plant Science, 2011, 180, 292-299.	3.6	45
7	ZmHO-1, a maize haem oxygenase-1 gene, plays a role in determining lateral root development. Plant Science, 2012, 184, 63-74.	3.6	39
8	The effect of heat shock on paclitaxel production inTaxus yunnanensis cell suspension cultures: Role of abscisic acid pretreatment. Biotechnology and Bioengineering, 2007, 96, 506-514.	3.3	34
9	Title is missing!. Biotechnology Letters, 2001, 23, 189-193.	2.2	29
10	Epicatechin and catechin may prevent coffee berry disease by inhibition of appressorial melanization of Colletotrichum kahawae. Biotechnology Letters, 2006, 28, 1637-1640.	2.2	29
11	Foliar application of Sili-KÂ® increases chestnut (Castanea spp.) growth and photosynthesis, simultaneously increasing susceptibility to water deficit. Plant and Soil, 2013, 365, 211-225.	3.7	28
12	Detoxification of Jatropha curcas kernel cake by a novel Streptomyces fimicarius strain. Journal of Hazardous Materials, 2013, 260, 238-246.	12.4	26
13	Cloning, bioinformatics and the enzyme activity analyses of a phenylalanine ammonia-lyase gene involved in dragonâ€™s blood biosynthesis in Dracaena cambodiana. Molecular Biology Reports, 2013, 40, 97-107.	2.3	24
14	Physiological and biochemical changes in resistant and sensitive chestnut (Castanea) plantlets after inoculation with Phytophthora cinnamomi. Physiological and Molecular Plant Pathology, 2011, 75, 146-156.	2.5	22
15	293 cell cycle synchronisation adenovirus vector production. Biotechnology Progress, 2009, 25, 235-243.	2.6	21
16	Screen of micro-organisms for inducing the production of dragonâ€™s blood by leaf of Dracaena cochinchinensis. Letters in Applied Microbiology, 2010, 51, 504-510.	2.2	16
17	The importance of 293 cell cycle phase on adenovirus vector production. Enzyme and Microbial Technology, 2006, 39, 1328-1332.	3.2	15
18	Improved paclitaxel accumulation in cell suspension cultures of Taxus chinensis by brassinolide. Biotechnology Letters, 2001, 23, 1047-1049.	2.2	10

#	Article	IF	Citations
19	An efficient and selective oxidation of benzylic and aromatic allylic alcohols with manganese dioxide supported on kieselguhr under solvent-free conditions. Research on Chemical Intermediates, 2013, 39, 4287-4292.	2.7	9
20	Production and characterization of dragon's blood from leaf blades of Dracaena cambodiana elicited by Fusarium proliferatum. Industrial Crops and Products, 2013, 45, 230-235.	5.2	9
21	Oxidation of Benzoins with Ferric (III) Nitrate Supported on Kieselguhr. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2008, 38, 481-483.	0.6	8
22	Oxidation of Benzoins to Benzils with Chromium Trioxide Supported on Kieselghur under Viscous Conditions. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2009, 39, 6-8.	0.6	8
23	New Reagent, Manganese Dioxide Supported on Kieselguhr, for Effective Oxidation of Benzoins. Synthetic Communications, 2011, 41, 1682-1687.	2.1	8
24	Manganese Dioxide Supported on Aluminum Silicate: A New Reagent for Oxidation of Alcohols Under Heterogeneous Conditions. Synthetic Communications, 2012, 42, 3377-3382.	2.1	8
25	Oxidation of Benzoins to Benzils with Chromium Trioxide Under Viscous Conditions. Synthetic Communications, 2011, 41, 1659-1663.	2.1	5
26	Hydroxy-octadecenoic acids instead of phorbol esters are responsible for the Jatropha curcas kernel cakeâ€™s toxicity. Communications Biology, 2020, 3, 228.	4.4	5
27	Oxidation of Benzoins with Chromium Trioxide in Dimethyl Sulfoxide. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2009, 39, 121-123.	0.6	4
28	An Efficient Oxidation of Benzoins with the Jones Reagent Supported on Kieselguhr. Adsorption Science and Technology, 2011, 29, 871-874.	3.2	4
29	Efficient Oxidative Cleavage of Oximes to Their Corresponding Carbonyl Compounds with Chromic Acid Supported on Kieselguhr Under Heterogeneous Conditions. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 1278-1281.	0.6	4
30	Response, Tolerance and Adaptation to Abiotic Stress of Olive, Grapevine and Chestnut in the Mediterranean Region: Role of Abscisic Acid, Nitric Oxide and MicroRNAs. , 2011, , .		3
31	Screening and identification of microbial strains that secrete an extracellular C-7 xylosidase of taxanes. World Journal of Microbiology and Biotechnology, 2011, 27, 627-635.	3.6	3
32	A simple, rapid, and efficient oxidation of oximes to ketones and aldehydes with manganese dioxide catalyzed by kieselguhr under solvent-free conditions. Research on Chemical Intermediates, 2013, 39, 499-504.	2.7	3
33	Characterization of Chestnut Behavior with Photosynthetic Traits. , 0, , .		3
34	An environmentally benign method for oxidation of oximes with potassium permanganate supported on kieselguhr under solvent-free conditions. Research on Chemical Intermediates, 2013, 39, 4315-4320.	2.7	2
35	Selective Oxidation of Benzoins with Potassium Dichromate Under Viscous Conditions. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2010, 40, 160-162.	0.6	1
36	Rapid oxidation of alcohols to aldehydes and ketones with chromium trioxide catalyzed by kieselguhr under solvent-free conditions. Research on Chemical Intermediates, 2013, 39, 1015-1020.	2.7	1

#	Article	IF	Citations
37	Oxidation of Benzoins with Ferric (III) Nitrate Supported on Aluminum Silicate. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2010, 40, 157-159.	0.6	0
38	A Facile Procedure for the Conversion of Oximes to Ketones and Aldehydes with Potassium Dichromate in Dimethylformamide under Homogeneous Conditions. E-Journal of Chemistry, 2012, 9, 2141-2144.	0.5	0
39	Reply to: â€œCritique on conclusions regarding toxic compounds in Jatropha curcas kernel cakeâ€. Communications Biology, 2021, 4, 1349.	4.4	0