

Syed G A Moinuddin

List of Publications by Year in descending order

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13
papers

584
citations

933264

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1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional reclassification of the putative cinnamyl alcohol dehydrogenase multigene family in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1455-1460.	3.3	210
2	Opposite Stereoselectivities of Dirigent Proteins in Arabidopsis and Schizandra Species. Journal of Biological Chemistry, 2012, 287, 33957-33972.	1.6	82
3	Non-host disease resistance response in pea (<i>Pisum sativum</i>) pods: Biochemical function of DRR206 and phytoalexin pathway localization. Phytochemistry, 2015, 113, 140-148.	1.4	58
4	Crystal Structures of Apo-form and Binary/Ternary Complexes of Podophyllum Secoisolariciresinol Dehydrogenase, an Enzyme Involved in Formation of Health-protecting and Plant Defense Lignans. Journal of Biological Chemistry, 2005, 280, 12917-12926.	1.6	51
5	Insights into lignin primary structure and deconstruction from Arabidopsis thaliana COMT (caffeic) Tj ETQq1 1 0.784314 rgBT /Overlook	1.5	45
6	Synthesis and chiral HPLC analysis of the dibenzyltetrahydrofuran lignans, larreatricins, 8-epi-larreatricins, 3,3-didemethoxyverrucosins and meso-3,3-didemethoxyneotandrin B in the creosote bush (<i>Larrea tridentata</i>): evidence for regiospecific control of coupling. Organic and Biomolecular Chemistry, 2003, 1, 2307-2313.	1.5	39
7	Secoisolariciresinol dehydrogenase: mode of catalysis and stereospecificity of hydride transfer in Podophyllum peltatum. Organic and Biomolecular Chemistry, 2006, 4, 808.	1.5	32
8	Eugenol specialty chemical production in transgenic poplar (<i>Populus tremula</i> — <i>P. alba</i>) field trials. Plant Biotechnology Journal, 2017, 15, 970-981.	4.1	17
9	Pterocarpan synthase (PTS) structures suggest a common quinone methide-stabilizing function in dirigent proteins and proteins with dirigent-like domains. Journal of Biological Chemistry, 2020, 295, 11584-11601.	1.6	16
10	Isolation of Tryptanthrin and Reassessment of Evidence for Its Isobaric Isostere Wrightiadione in Plants of the Wrightia Genus. Journal of Natural Products, 2019, 82, 440-448.	1.5	13
11	An iboga alkaloid chemotaxonomic marker from endemic <i>Tabernaemontana ternifolia</i> with antitubercular activity. Natural Product Research, 2020, 34, 1175-1179.	1.0	10
12	RNA Modulation of Chlorogenic Acid and Lignin Deposition in <i>Nicotiana tabacum</i> and Insufficient Compensatory Metabolic Cross-Talk. Journal of Natural Products, 2021, 84, 694-706.	1.5	6
13	Pinoresinol- <i>lariciresinol</i> reductase: Substrate versatility, enantiospecificity, and kinetic properties. Chirality, 2020, 32, 770-789.	1.3	5