

Rajinder Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11040673/publications.pdf>

Version: 2024-02-01

16
papers

298
citations

1040056

9
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	A versatile route to 2-alkyl-/aryl-amino-3-formyl- and hetero-annelated-chromones, through a facile nucleophilic substitution at C2 in 2-(N-methylanilino)-3-formylchromones. <i>Tetrahedron</i> , 2002, 58, 2471-2480.	1.9	83
2	Thermal rearrangements of C-(4-Oxo-4H[1]benzopyran-3-yl)-N-phenylnitrone-a route to novel quinolino[2,3-b]chroman-12-ones. <i>Tetrahedron Letters</i> , 1998, 39, 6547-6550.	1.4	36
3	Investigations on Peri-, Regio- and Stereoselectivities in Thermal Cycloadditions Involving C-(4-Oxo-4) Tj ETQq1 1 0.784314 rgBT /Ove 1,3-Dipolar Cycloadditions. <i>Tetrahedron</i> , 2000, 56, 7817-7828.	1.9	35
4	An Efficient Method for the Synthesis of Nitropiperidones. <i>Journal of Organic Chemistry</i> , 2008, 73, 1150-1153.	3.2	27
5	Investigations of regio- and stereoselectivities in the synthesis of cytotoxic isoxazolidines through 1,3-dipolar cycloadditions of nitrones to dipolarophiles bearing an allylic oxygen. <i>Tetrahedron</i> , 2007, 63, 2283-2291.	1.9	26
6	Efficient, microwave-assisted intramolecular 1,3-dipolar cycloadditions of oximes and N-methylnitrones derived from o-alkenylmethoxy-acetophenones. <i>Canadian Journal of Chemistry</i> , 2005, 83, 260-265.	1.1	14
7	Highly efficient Lewis acid catalyzed, one step conversions of 16 β ,17 β -epoxy-3 β -hydroxypregn-5-en-20-one to d-homosteroid and 1 β 3-steroids. <i>Tetrahedron</i> , 2001, 57, 7199-7204.	1.9	13
8	Photochemistry of Arylidene- β -ionones: A Highly Efficient Route to Novel Tricyclic Ketones through Intramolecular, Exoselective Photochemical (4 + 2) Cycloadditions, Occurring Only in an Aqueous Organic Solvent. <i>Journal of Organic Chemistry</i> , 2002, 67, 2234-2240.	3.2	11
9	UV irradiation of arylidene- β -ionones in the presence of dioxygen: regioselective formation of stable endoperoxides. <i>Tetrahedron Letters</i> , 2003, 44, 1943-1945.	1.4	11
10	Synthesis and cytotoxic activity of some novel polycyclic β -butyrolactones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4809-4812.	2.2	10
11	Purification of 3 monomeric monocot mannose-binding lectins and their evaluation for antipoxviral activity: potential applications in multiple viral diseases caused by enveloped viruses. <i>Biochemistry and Cell Biology</i> , 2007, 85, 88-95.	2.0	9
12	Investigations on photochemistry of o-allyloxy-/crotyloxyacetophenones: formation of unexpected intramolecular arene π -olefin addition products on n π * π *- excitation of ketones. <i>Tetrahedron</i> , 2002, 58, 7595-7606.	1.9	8
13	Synthesis of constrained aromatic β , γ -amino alcohol scaffolds β Precursors of non-proteinogenic phenylalanine for peptidomimetics. <i>Canadian Journal of Chemistry</i> , 2008, 86, 451-455.	1.1	7
14	An Unusual Uncatalyzed Baeyer-Villiger Oxidation of Cyclobutanones to β -Lactones by Air and Its Mechanistic Implications. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3734-3739.	2.4	4
15	In vitro Antiviral Activity of Crinum latifolium Lectin Against Poxvirus Replication. <i>Journal of Biological Sciences</i> , 2008, 8, 1236-1240.	0.3	2
16	Efficient, Microwave-Assisted Intramolecular 1,3-Dipolar Cycloadditions of Oximes and N-Methylnitrones Derived from o-Alkenylmethoxy-acetophenones.. <i>ChemInform</i> , 2005, 36, no.	0.0	1