Mukund Jha

List of Publications by Year
in descending order

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29	714	471509 17	526287 27
papers	citations	h-index	g-index

37	37	37	660
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concise Syntheses of the Cruciferous Phytoalexins Brassilexin, Sinalexin, Wasalexins, and Analogues:â€‰Expanding the Scope of the Vilsmeier Formylation. Journal of Organic Chemistry, 2005, 70, 1828-1834.	3.2	73
2	Toward the control of Leptosphaeria maculans: Design, syntheses, biological activity, and metabolism of potential detoxification inhibitors of the crucifer phytoalexin brassinin. Bioorganic and Medicinal Chemistry, 2006, 14, 4958-4979.	3.0	72
3	Microwave-Assisted Catalyst-Free Synthesis of Substituted 1,2,4-Triazoles. Synlett, 2015, 26, 404-407.	1.8	58
4	Camalexin induces detoxification of the phytoalexin brassinin in the plant pathogen Leptosphaeria maculans. Phytochemistry, 2005, 66, 2609-2616.	2.9	37
5	Detoxification of the phytoalexin brassinin by isolates of Leptosphaeria maculans pathogenic on brown mustard involves an inducible hydrolase. Phytochemistry, 2007, 68, 1572-1578.	2.9	34
6	Brassinin oxidase, a fungal detoxifying enzyme to overcome a plant defense â€“ purification, characterization and inhibition. FEBS Journal, 2008, 275, 3691-3705.	4.7	32
7	Microwave assisted synthesis of indole-annulated dihydropyrano[3,4-c]chromene derivatives via hetero-Dielsâ€“Alder reaction. Tetrahedron Letters, 2011, 52, 4337-4341.	1.4	31
8	Detection, characterization and identification of crucifer phytoalexins using high-performance liquid chromatography with diode array detection and electrospray ionization mass spectrometry. Journal of Chromatography A, 2006, 1133, 172-183.	3.7	29
9	Access to Substituted Dihydrothiopyrano[2,3-b]indoles via Sequential Rearrangements During S-Alkylation and Au-Catalyzed Hydroarylation on Indoline-2-thiones. Journal of Organic Chemistry, 2015, 80, 5272-5278.	3.2	29
10	Yttrium triflate-catalyzed efficient chemoselective S-benzylation of indoline-2-thiones using benzyl alcohols. Tetrahedron Letters, 2011, 52, 684-687.	1.4	25
11	Au-Catalyzed Synthesis of Thiopyrano[2,3-b]indoles Featuring Tandem Rearrangement and Hydroarylation. Organic Letters, 2017, 19, 2038-2041.	4.6	25
12	Synthesis of Ionicâ€Liquidâ€Supported Diaryliodonium Salts. European Journal of Organic Chemistry, 2014, 2014, 2365-2370.	2.4	24
13	Synthesis and anti-tubercular activity of fused thieno-/furo-quinoline compounds. RSC Advances, 2016, 6, 46073-46080.	3.6	23
14	A new route to the versatile synthesis of thiopyrano[2,3-b:6,5-bâ€²]diindoles via 2-(alkylthio)-indole-3-carbaldehydes. Tetrahedron Letters, 2014, 55, 5691-5694.	1.4	21
15	Isosteric probes provide structural requirements essential for detoxification of the phytoalexin brassinin by the fungal pathogen Leptosphaeria maculans. Bioorganic and Medicinal Chemistry, 2007, 15, 6054-6061.	3.0	20
16	Nickelâ€Catalyzed Tandem Knoevenagel Condensation and Intramolecular Direct Arylation: Synthesis of Pyrazolo[5,1â€‹a]â€‹isoquinoline Derivatives. Advanced Synthesis and Catalysis, 2018, 360, 1973-1983.	4.3	20
17	Chemoselective S-benzylation of indoline-2-thiones using benzyl alcohols. Tetrahedron Letters, 2009, 50, 7184-7187.	1.4	17
18	Highly efficient one-pot C-, N- and O-acylation of indolin-2-one analogs. Tetrahedron Letters, 2009, 50, 6044-6047.	1.4	17

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19	Synthesis of 1,2-Fused Tricyclic Indoles via Cu-/Base-Mediated Hydroamination of Alkynes. Journal of Organic Chemistry, 2019, 84, 16095-16104.	3.2	17
20	General synthesis of mono-, di-, and tri-acetylated indoles from indolin-2-ones. Tetrahedron, 2011, 67, 982-989.	1.9	16
21	Synthesis of indole-annulated sulfur heterocycles using copper-catalysed Câ€“N coupling and palladium-catalysed direct arylation. Organic and Biomolecular Chemistry, 2016, 14, 3450-3458.	2.8	15
22	Microwave assisted copper triflate-catalyzed rapid hydration of aryl acetylenes. Tetrahedron Letters, 2014, 55, 4814-4816.	1.4	14
23	Metal-Free Hydroamination of Alkynes: A Mild and Concise Synthesis of Thiazolo[3,2-a]indoles and their Cytotoxic Activity. Synthesis, 2019, 51, 4263-4270.	2.3	13
24	BF3 etherate-mediated microwave-assisted facile synthesis of thiopyrano[2,3-b]indol-2-one. Tetrahedron Letters, 2014, 55, 7043-7046.	1.4	12
25	Catalystâ€Free Oneâ€Pot Tandem Reduction of Oxo and Ene/Yne Functionalities by Hydrazine: Synthesis of Substituted Oxindoles from Isatins. European Journal of Organic Chemistry, 2014, 2014, 3334-3336.	2.4	10
26	Iodine-Mediated, Microwave-Assisted Synthesis of 1-Arylnaphthofurans via Cyclization of 1-(1â€²-Arylvinyl)-2-naphthols. Synthesis, 2015, 47, 3990-3996.	2.3	8
27	One-pot mild and efficient synthesis of [1,3]thiazino[3,2-‹i›a‹/i›]indol-4-ones and their anti-proliferative activity. Organic and Biomolecular Chemistry, 2019, 17, 3914-3920.	2.8	8
28	Bronsted acid-catalyzed rapid enol-ether formation of 2-hydroxyindole-3-carboxaldehydes. Molecular Diversity, 2013, 17, 827-834.	3.9	7
29	Copper-Catalyzed Tandem Imine Formation, Sonogashira Coupling and Intramolecular Hydroamination: A Facile Synthesis of 3-Aryl-Î³â€carbolines. ChemistrySelect, 2017, 2, 8922-8926.	1.5	7