

Mukund Jha

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Metal-Free Hydroamination of Alkynes: A Mild and Concise Synthesis of Thiazolo[3,2-a]indoles and their Cytotoxic Activity. <i>Synthesis</i> , 2019, 51, 4263-4270.	2.3	13
2	One-pot mild and efficient synthesis of [1,3]thiazino[3,2-a]indol-4-ones and their anti-proliferative activity. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3914-3920.	2.8	8
3	Synthesis of 1,2-Fused Tricyclic Indoles via Cu-/Base-Mediated Hydroamination of Alkynes. <i>Journal of Organic Chemistry</i> , 2019, 84, 16095-16104.	3.2	17
4	Nickel-Catalyzed Tandem Knoevenagel Condensation and Intramolecular Direct Arylation: Synthesis of Pyrazolo[5,1-a]isoquinoline Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1973-1983.	4.3	20
5	Au-Catalyzed Synthesis of Thiopyrano[2,3-b]indoles Featuring Tandem Rearrangement and Hydroarylation. <i>Organic Letters</i> , 2017, 19, 2038-2041.	4.6	25
6	Copper-Catalyzed Tandem Imine Formation, Sonogashira Coupling and Intramolecular Hydroamination: A Facile Synthesis of 3-Aryl- β -carboline. <i>ChemistrySelect</i> , 2017, 2, 8922-8926.	1.5	7
7	Synthesis of indole-annulated sulfur heterocycles using copper-catalysed C-N coupling and palladium-catalysed direct arylation. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3450-3458.	2.8	15
8	Synthesis and anti-tubercular activity of fused thieno-/furo-quinoline compounds. <i>RSC Advances</i> , 2016, 6, 46073-46080.	3.6	23
9	Iodine-Mediated, Microwave-Assisted Synthesis of 1-Arylnaphthofurans via Cyclization of 1-(α -Arylvinyl)-2-naphthols. <i>Synthesis</i> , 2015, 47, 3990-3996.	2.3	8
10	Microwave-Assisted Catalyst-Free Synthesis of Substituted 1,2,4-Triazoles. <i>Synlett</i> , 2015, 26, 404-407.	1.8	58
11	Access to Substituted Dihydrothiopyrano[2,3-b]indoles via Sequential Rearrangements During S -Alkylation and Au-Catalyzed Hydroarylation on Indoline-2-thiones. <i>Journal of Organic Chemistry</i> , 2015, 80, 5272-5278.	3.2	29
12	BF ₃ etherate-mediated microwave-assisted facile synthesis of thiopyrano[2,3-b]indol-2-one. <i>Tetrahedron Letters</i> , 2014, 55, 7043-7046.	1.4	12
13	Catalyst-Free One-Pot Tandem Reduction of Oxo and Ene/Yne Functionalities by Hydrazine: Synthesis of Substituted Oxindoles from Isatins. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3334-3336.	2.4	10
14	Microwave assisted copper triflate-catalyzed rapid hydration of aryl acetylenes. <i>Tetrahedron Letters</i> , 2014, 55, 4814-4816.	1.4	14
15	A new route to the versatile synthesis of thiopyrano[2,3-b:6,5-b']diindoles via 2-(alkylthio)-indole-3-carbaldehydes. <i>Tetrahedron Letters</i> , 2014, 55, 5691-5694.	1.4	21
16	Synthesis of Ionic-Liquid-Supported Diaryliodonium Salts. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2365-2370.	2.4	24
17	Bronsted acid-catalyzed rapid enol-ether formation of 2-hydroxyindole-3-carboxaldehydes. <i>Molecular Diversity</i> , 2013, 17, 827-834.	3.9	7
18	General synthesis of mono-, di-, and tri-acetylated indoles from indolin-2-ones. <i>Tetrahedron</i> , 2011, 67, 982-989.	1.9	16

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19	Yttrium triflate-catalyzed efficient chemoselective S-benylation of indoline-2-thiones using benzyl alcohols. <i>Tetrahedron Letters</i> , 2011, 52, 684-687.	1.4	25
20	Microwave assisted synthesis of indole-annulated dihydropyrano[3,4-c]chromene derivatives via hetero-Diels-Alder reaction. <i>Tetrahedron Letters</i> , 2011, 52, 4337-4341.	1.4	31
21	Chemoselective S-benylation of indoline-2-thiones using benzyl alcohols. <i>Tetrahedron Letters</i> , 2009, 50, 7184-7187.	1.4	17
22	Highly efficient one-pot C-, N- and O-acylation of indolin-2-one analogs. <i>Tetrahedron Letters</i> , 2009, 50, 6044-6047.	1.4	17
23	Brassinin oxidase, a fungal detoxifying enzyme to overcome a plant defense – purification, characterization and inhibition. <i>FEBS Journal</i> , 2008, 275, 3691-3705.	4.7	32
24	Isosteric probes provide structural requirements essential for detoxification of the phytoalexin brassinin by the fungal pathogen <i>Leptosphaeria maculans</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6054-6061.	3.0	20
25	Detoxification of the phytoalexin brassinin by isolates of <i>Leptosphaeria maculans</i> pathogenic on brown mustard involves an inducible hydrolase. <i>Phytochemistry</i> , 2007, 68, 1572-1578.	2.9	34
26	Detection, characterization and identification of crucifer phytoalexins using high-performance liquid chromatography with diode array detection and electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1133, 172-183.	3.7	29
27	Toward the control of <i>Leptosphaeria maculans</i> : Design, syntheses, biological activity, and metabolism of potential detoxification inhibitors of the crucifer phytoalexin brassinin. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4958-4979.	3.0	72
28	Camalexin induces detoxification of the phytoalexin brassinin in the plant pathogen <i>Leptosphaeria maculans</i> . <i>Phytochemistry</i> , 2005, 66, 2609-2616.	2.9	37
29	Concise Syntheses of the Cruciferous Phytoalexins Brassilexin, Sinalexin, Wasalexins, and Analogues: Expanding the Scope of the Vilsmeier Formylation. <i>Journal of Organic Chemistry</i> , 2005, 70, 1828-1834.	3.2	73