

Arvind Mathur

List of Publications by Year in descending order

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10
papers

34
citations

2258059

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1872680

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all docs

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docs citations

10
times ranked

28
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in the synthesis of three-dimensional molecular architectures by dearomatizing photocycloadditions. <i>Tetrahedron</i> , 2022, 103, 132087.	1.9	12
2	Mass spectrometric ² -based investigation of differentially protected azatryptophan derivatives using Orbitrap mass spectrometry: Differentiation of positional isomers under protonation and alkali ⁺ cationization conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9239.	1.5	0
3	Concise synthesis of chiral pyrazolo[4,3- <i>f</i>] [1,4]oxazepines and pyrazolo[4,3- <i>f</i>] [1,4]thiazepines bearing pyrazole unit. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 558-568.	2.6	3
4	Microwave accelerated Castagnoli-Cushman reaction: Synthesis of novel 6,7,8,9-tetrahydropyrido[3- <i>a</i> ,2- <i>b</i> :4,5]pyrrolo[1,2- <i>a</i>]pyrazines. <i>Tetrahedron Letters</i> , 2021, 68, 152943.	1.4	2
5	Solid-phase synthesis of JBIR-126 (Tambromycin), JBIR-35 and their analogs. <i>Tetrahedron Letters</i> , 2021, 69, 152970.	1.4	2
6	Large-scale supercritical fluid chromatography purification of unstable STING agonist intermediates. <i>Journal of Chromatography A</i> , 2021, 1651, 462309.	3.7	5
7	Reverse-phase HPLC purification for an extremely unstable glucuronide metabolite. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 192, 113651.	2.8	1
8	Route evaluation and development of a practical synthesis of methyl (S)-2-chloro-5,6,7,8-tetrahydropyrido[4,3- <i>d</i>]pyrimidine-7-carboxylate. <i>Tetrahedron</i> , 2020, 76, 131624.	1.9	1
9	Methyl-2,2-difluoro-2-(fluorosulfonyl) acetate (MDFA)/copper (I) iodide mediated and tetrabutylammonium iodide promoted trifluoromethylation of 1-aryl-4-iodo-1,2,3-triazoles. <i>Journal of Fluorine Chemistry</i> , 2020, 236, 109516.	1.7	6
10	A mild and readily scalable procedure for the N-1-difluoromethylation of ethyl 6-((tert-butyl-diphenylsilyl)oxy)-1H-indazole-3-carboxylate and its applications to the N-difluoromethylation of indazole, benzotriazole, imidazole, indole and pyrazole derivatives. <i>Journal of Fluorine Chemistry</i> , 2020, 234, 109514.	1.7	2