Mohammed Shaheer Malik

List of Publications by Year
in descending order

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43	1,132	394286	395590
papers	citations	19	33
		h-index	g-index

45	45	45	1600
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ionic liquid mediated four-component synthesis of novel phthalazinone based indole-pyran hybrids as cytotoxic agents. Arabian Journal of Chemistry, 2022, 15, 103560.	2.3	8
2	Exploitation the unique acidity of novel cerium-tungstate catalysts in the preparation of indole derivatives under eco-friendly acid catalyzed Fischer indole reaction protocol. Arabian Journal of Chemistry, 2022, 15, 103670.	2.3	9
3	Multicomponent synthesis, cytotoxicity, and computational studies of novel imidazopyridazine-based N-phenylbenzamides. Journal of Saudi Chemical Society, 2022, 26, 101449.	2.4	4
4	Regio- and stereoselectivity of the 1,3-dipolar cycloaddition of azomethine ylides to (E)-3-(2-oxo-2-(pyren-1-yl)ethylidene)indolin-2-ones: A combined experimental and theoretical study. Arabian Journal of Chemistry, 2022, 15, 103855.	2.3	1
5	Rational Design and Synthesis of Naphthalene Diimide Linked Bis-Naphthalimides as DNA Interactive Agents. Frontiers in Chemistry, 2021, 9, 630357.	1.8	9
6	Molecular modelling assisted design of napthalimide-dihydropyrimidinone conjugates as potential cytotoxic agents. Journal of Saudi Chemical Society, 2021, 25, 101226.	2.4	3
7	Novel Pyran-Linked Phthalazinone-Pyrazole Hybrids: Synthesis, Cytotoxicity Evaluation, Molecular Modeling, and Descriptor Studies. Frontiers in Chemistry, 2021, 9, 666573.	1.8	10
8	Bioactive fluorenes. Part IV: Design, synthesis, and a combined in vitro, in silico anticancer and antibacterial evaluation of new fluorene-heterocyclic sulfonamide conjugates. Journal of Molecular Structure, 2021, 1246, 131232.	1.8	11
9	Journey of anthraquinones as anticancer agents â€“ a systematic review of recent literature. RSC Advances, 2021, 11, 35806-35827.	1.7	55
10	New Imidazole-Based N-Phenylbenzamide Derivatives as Potential Anticancer Agents: Key Computational Insights. Frontiers in Chemistry, 2021, 9, 808556.	1.8	11
11	TAT-peptide conjugated repurposing drug against SARS-CoV-2 main protease (3CLpro): Potential therapeutic intervention to combat COVID-19. Arabian Journal of Chemistry, 2020, 13, 8069-8079.	2.3	14
12	Facile Amberlyst A-21 catalyzed access of Î²-hydroxynitriles via epoxide opening in water. Arabian Journal of Chemistry, 2020, 13, 8200-8208.	2.3	3
13	Application of triazoles as bioisosteres and linkers in the development of microtubule targeting agents. RSC Medicinal Chemistry, 2020, 11, 327-348.	1.7	51
14	Evaluation of Anticancer and Anti-Mitotic Properties of Quinazoline and Quinazolino-Benzothiadiazine Derivatives. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 599-611.	0.9	4
15	Multicomponent access to novel proline/cyclized cysteine tethered monastrol conjugates as potential anticancer agents. Journal of Saudi Chemical Society, 2019, 23, 503-513.	2.4	21
16	Synthesis and biological evaluation of phenyl-amino-pyrimidine and indole/oxindole conjugates as potential BCR-ABL inhibitors. Medicinal Chemistry Research, 2019, 28, 633-645.	1.1	6
17	Rational design and synthesis of 2-anilinopyridinyl-benzothiazole Schiff bases as antimitotic agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2549-2558.	1.0	18
18	Lipases in asymmetric transformations: Recent advances in classical kinetic resolution and lipaseâ€“metal combinations for dynamic processes. Coordination Chemistry Reviews, 2017, 348, 54-70.	9.5	73

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19	Recent advances in combretastatin based derivatives and prodrugs as antimitotic agents. MedChemComm, 2017, 8, 1592-1603.	3.5	63
20	Efficient Ferric Citrateâ€Catalyzed Synthesis of Novel Dihydropyrimidinâ€(1H)â€ones Sulfonamide Conjugates and Their Evaluation as Potential Antimicrobials. ChemistrySelect, 2017, 2, 6818-6822.	0.7	2
21	Convenient synthesis of substituted pyrroles via a cerium (IV) ammonium nitrate (CAN)-catalyzed Paalâ€“Knorr reaction. Arabian Journal of Chemistry, 2016, 9, 542-549.	2.3	22
22	Itaconic Acid as an Environmentally Benign Catalyst in Efficient and Scalable Synthesis of 3,4â€Dihydropyrimidinâ€2(1H)â€ones. ChemistrySelect, 2016, 1, 4602-4606.	0.7	7
23	Design and synthesis of cis-restricted benzimidazole and benzothiazole mimics of combretastatin A-4 as antimitotic agents with apoptosis inducing ability. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4527-4535.	1.0	38
24	Embracing synthetic lethality of novel anticancer therapies. Expert Opinion on Drug Discovery, 2015, 10, 1119-1132.	2.5	9
25	Synthesis of 2-anilinopyridine dimers as microtubule targeting and apoptosis inducing agents. Bioorganic and Medicinal Chemistry, 2014, 22, 6755-6767.	1.4	11
26	Synthesis and biological evaluation of 1,2,3-triazole linked aminocombretastatin conjugates as mitochondrial mediated apoptosis inducers. Bioorganic and Medicinal Chemistry, 2014, 22, 5155-5167.	1.4	28
27	Apoptosis-inducing agents: a patent review (2010 â€“ 2013). Expert Opinion on Therapeutic Patents, 2014, 24, 339-354.	2.4	34
28	Oneâ€Pot Production of Enantiopure Alkylamines and Arylalkylamines of Opposite Chirality Catalyzed by Ï‰â€Transaminase. ChemCatChem, 2013, 5, 1734-1738.	1.8	27
29	Ï‰-Transaminase-catalyzed kinetic resolution of chiral amines using l-threonine as an amino acceptor precursor. Green Chemistry, 2012, 14, 2137.	4.6	43
30	Features and technical applications of Ï‰-transaminases. Applied Microbiology and Biotechnology, 2012, 94, 1163-1171.	1.7	179
31	Synthesis and biological evaluation of conformationally flexible as well as restricted dimers of monastrol and related dihydropyrimidones. European Journal of Medicinal Chemistry, 2011, 46, 3274-3281.	2.6	42
32	Search for New and Novel Chemotherapeutics for the Treatment of Human Malignancies. Mini-Reviews in Medicinal Chemistry, 2010, 10, 405-435.	1.1	24
33	Lipase mediated resolution of Î³-azidoalcohols in aqueous and organic media: Synthesis of (R)- and (S)-fluoxetine and duloxetine. Journal of Molecular Catalysis B: Enzymatic, 2009, 58, 132-137.	1.8	19
34	Total synthesis of (R)- and (S)-turmerone and (7S,9R)-bisacumol by an efficient chemoenzymatic approach. Tetrahedron: Asymmetry, 2009, 20, 1267-1271.	1.8	19
35	Approaches based on enzyme mediated kinetic to dynamic kinetic resolutions: A versatile route for chiral intermediates. Coordination Chemistry Reviews, 2008, 252, 569-592.	9.5	99
36	Synthesis of enantiomerically pure Î³-azidoalcohols by lipase-catalyzed transesterification. Tetrahedron: Asymmetry, 2008, 19, 1078-1083.	1.8	15

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37	Efforts Towards the Development of New Antitubercular Agents: Potential for Thiolactomycin Based Compounds. Journal of Pharmacy and Pharmaceutical Sciences, 2008, 11, 56.	0.9	32
38	Enantioselective synthesis of (R)- and (S)-curcumene and curcuphenol: an efficient chemoenzymatic route. Tetrahedron: Asymmetry, 2007, 18, 2547-2553.	1.8	25
39	Chemoenzymatic synthesis of (3R,4S)- and (3S,4R)-3-methoxy-4-methylaminopyrrolidine. Tetrahedron: Asymmetry, 2006, 17, 2876-2883.	1.8	16
40	Chemoenzymatic synthesis of (5S)- and (5R)-hydroxymethyl-3,5-dimethyl-4-(methoxymethoxy)-5H-thiophen-2-one: a precursor of thiolactomycin and determination of its absolute configuration. Tetrahedron: Asymmetry, 2006, 17, 2890-2895.	1.8	13
41	A facile and convenient chemoenzymatic synthesis of optically active O-(4-methoxyphenyl)-glycidol and 1,2-diacyl-sn-glycerol. Tetrahedron: Asymmetry, 2005, 16, 1855-1859.	1.8	4
42	Chemoenzymatic synthesis of (R)- and (S)-tembamide, aegeline and denopamine by a one-pot lipase resolution protocol. Tetrahedron: Asymmetry, 2004, 15, 3939-3944.	1.8	34
43	Chemoenzymatic synthesis of (3S,4S)- and (3R,4R)-3-methoxy-4-methylaminopyrrolidine. Tetrahedron Letters, 2004, 45, 8057-8059.	0.7	16