Anwar Shaik

List of Publications by Year
in descending order

25 papers	521 citations	686830 13 h-index	642321 23 g-index
32 all docs	32 docs citations	32 times ranked	466 citing authors

#	Article	IF	Citations
1	Moritaâ€“Baylisâ€“Hillman (MBH) Reaction Derived Nitroallylic Alcohols, Acetates and Amines as Synthons in Organocatalysis and Heterocycle Synthesis. Chemical Record, 2017, 17, 363-381.	2.9	52
2	An Efficient Friedelâ€“Crafts/Oxaâ€Michael/Aromatic Annulation: Rapid Access to Substituted Naphtho[2,1â€‹b]furan, Naphtho[1,2â€‹b]furan, and Benzofuran Derivatives. Chemistry - A European Journal, 2013, 19, 4344-4351.	1.7	51
3	Organocatalytic Synthesis of Substituted Spirocyclohexane Carbaldehydes via [4 + 2] Annulation Strategy between 2-Arylideneindane-1,3-diones and Glutaraldehyde. Organic Letters, 2014, 16, 2993-2995.	2.4	47
4	Novel tacrine derivatives exhibiting improved acetylcholinesterase inhibition: Design, synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2017, 139, 367-377.	2.6	41
5	Organocatalytic Synthesis of Multiple Substituted Bicyclo[4.4.0]Decalin System. Organic Letters, 2011, 13, 2200-2203.	2.4	37
6	Functionalised dihydroazo pyrimidine derivatives from Moritaâ€“Baylisâ€“Hillman acetates: synthesis and studies against acetylcholinesterase as its inhibitors. RSC Advances, 2016, 6, 77431-77439.	1.7	33
7	Synthesis and resolution of 1-(Î±-pyrrolidinylbenzyl)-2-naphthol and its application in the resolution of 2,2â€²-dihydroxy-1,1â€²-binaphthyl. Tetrahedron: Asymmetry, 2004, 15, 1809-1812.	1.8	31
8	The combination of domino process and kinetic resolution: organocatalytic synthesis of functionalised cyclopentenes by sequential SN2â€²-Michael reaction. Tetrahedron, 2012, 68, 7317-7321.	1.0	29
9	Oxaâ€Michaelâ€“Michael Reaction of MBH Alcohol and 2â€Arylideneâ€1,3â€indanedione: Regioselective Formal [4+2] Cycloaddition towards Tetrahydrospiropyran Scaffolds. European Journal of Organic Chemistry, 2019, 2019, 2234-2242.	1.2	23
10	Pyrrolidine-linker-camphor assembly: bifunctional organocatalysts for efficient Michael addition of cyclohexanone to nitroolefins under neat conditions. Tetrahedron, 2011, 67, 1171-1177.	1.0	21
11	Convenient Methods for the Synthesis of Chiral Amino Alcohols and Amines. Chimia, 2013, 67, 23-29.	0.3	21
12	An efficient, multicomponent, green protocol to access 4, 7-dihydrotetrazolo [1, 5-‹i›a‹/i›] pyrimidines and 5,6,7,9-tetrahydrotetrazolo[5,1-‹i›b‹/i›]quinazolin-8(4H)-ones using PEG-400 under microwave irradiation. Synthetic Communications, 2019, 49, 3181-3190.	1.1	20
13	Neuroprotective derivatives of tacrine that target NMDA receptor and acetyl cholinesterase â€“ Design, synthesis and biological evaluation. Computational and Structural Biotechnology Journal, 2021, 19, 4517-4537.	1.9	17
14	Understanding the Mechanism of S N 2â€² vs . S N 2 in Cascade Reaction of Î²â€Naphthol and Nitrostyrene Derived MBH Acetates. ChemistrySelect, 2020, 5, 3080-3084.	0.7	12
15	A convenient method for the preparation of oxazaborolidine catalyst in situ using (S)-Î±,Î±-diphenylpyrrolidinemethanol, tetrabutylammonium borohydride, and methyl iodide for the asymmetric reduction of prochiral ketones. Tetrahedron: Asymmetry, 2006, 17, 3244-3247.	1.8	11
16	Knoevenagelâ€Friedelâ€Craftsâ€Hemiketalization Triple Cascade Reaction: A Diastereoselective Formal [1+2+3] Cyclization Towards Indenonaphthopyran Scaffolds. ChemistrySelect, 2021, 6, 47-51.	0.7	11
17	Organocatalytic Synthesis of Spirocarbocycles. Mini-Reviews in Organic Chemistry, 2018, 15, 364-373.	0.6	11
18	Synthesis of Multisubstituted Indanedione Based Spiropyrans via Oxaâ€Michael/Michael Cascade Reaction. ChemistrySelect, 2021, 6, 4456-4460.	0.7	10

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19	[3+2] regioselective annulation reaction of 2-arylidene-1,3-indandiones towards synthesis of spirocyclopentenes: understanding the mechanism of Î³-attackvs.Î±-attack using DFT studies. RSC Advances, 2021, 11, 38648-38653.	1.7	10
20	Design, synthesis and biological evaluation of substituted 2-amino-1,3-thiazine derivatives as antituberculosis and anti-cancer agents. Synthetic Communications, 2019, 49, 1277-1285.	1.1	9
21	Drug Re-purposing Approach and Potential Therapeutic Strategies to Treat COVID-19. Mini-Reviews in Medicinal Chemistry, 2021, 21, 704-723.	1.1	7
22	Organocascade Synthesis of Spiro[chromanâ€3,2â€²â€indanedione] Scaffolds via [4+2] or [1+1+4] Cyclisation. ChemistrySelect, 2021, 6, 13589-13594.	0.7	7
23	XtalFluorâ€E: An Efficient Reagent for Synthesis of Oxazolines from Carboxylic Acids and O â€Silylated Amino Alcohols. Journal of Heterocyclic Chemistry, 2019, 56, 2753-2760.	1.4	6
24	A Three Component Protocol for the Synthesis of Aziridines using BF3Â·(OEt)2. Asian Journal of Chemistry, 2020, 32, 1001-1006.	0.1	3
25	Synthesis of trans N-Substituted Pyrrolidine Derivatives Bearing 1,2,4-triazole Ring. Current Organic Synthesis, 2021, 19, .	0.7	1