

Sumit Kumar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Recent Advances in the Schiff Bases and β -Heterocyclic Carbenes as Ligands in the Cross-Coupling Reactions: A Comprehensive Review. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1168-1230.	2.6	32
2	A facile approach for the synthesis of novel 1-oxa- and 1-aza-flavonyl-4-methyl-1H-benzo[d][1,3]oxazin-2(4H)-ones by microwave enhanced Suzuki-Miyaura coupling using bidentate chromen-4-one-based Pd-diimine complex as catalyst. <i>RSC Advances</i> , 2015, 5, 77075-77087.	3.6	19
3	Microwave assisted highly efficient one-pot multi-component synthesis of novel 2-(tetrasubstituted-1H-pyrrol-3-yl)-4H-chroman-4-ones catalyzed by heterogeneous reusable silica gel supported polyphosphoric acid (PPA/SiO ₂). <i>Journal of Saudi Chemical Society</i> , 2018, 22, 136-145.	5.2	18
4	β -Cyclodextrin in water: highly facile biomimetic one pot deprotection of phenolic THP/MOM/Ac/Ts ethers and concomitant regioselective cyclization of chalcone epoxides and 2-aminochalcones. <i>RSC Advances</i> , 2015, 5, 85128-85138.	3.6	17
5	β -Cyclodextrin/IBX in water: highly facile biomimetic one pot deprotection of THP/MOM/Ac/Ts ethers and concomitant oxidative cleavage of chalcone epoxides and oxidative dehydrogenation of alcohols. <i>Green Chemistry</i> , 2016, 18, 648-656.	9.0	17
6	Microwave-assisted expeditious and efficient synthesis of novel quinolin-4-ylmethoxychromen-2- and -4-ones catalyzed by YbCl ₃ under a solvent free one-pot three component domino reaction and their antimicrobial activity. <i>RSC Advances</i> , 2015, 5, 93067-93080.	3.6	15
7	β -Cyclodextrin in Water: Highly Versatile and Green Approach for Biomimetic Regioselective Ring Opening of Chalcone Epoxides with Nitrogen Heterocycles. <i>Synthetic Communications</i> , 2015, 45, 2555-2566.	2.1	14
8	A facile access to novel heterocyclic analogues of chalcone from newly synthesized ketone containing isoxazole and a benzoxazinone ring. <i>RSC Advances</i> , 2016, 6, 51183-51191.	3.6	9
9	Design and Synthesis of Novel Nonsteroidal Phytoestrogen-based Probes as Potential Biomarker: Evaluation of Anticancer Activity and Docking Studies. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2242-2257.	2.6	8
10	A Green, Solvent-Free, Microwave-Assisted, High-Yielding YbCl ₃ Catalyzed Deprotection of THP/MOM/Ac/Ts Ethers of Chalcone Epoxide and 2-Aminochalcone and Their Sequel Cyclization. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 2111-2122.	2.6	7
11	Asymmetric synthesis of 3-benzofuranones through 5-exo-trig cyclization of 4-nitroaryl olefins. <i>Tetrahedron Letters</i> , 2016, 57, 3547-3550.	1.4	6
12	Design, synthesis, molecular docking, and biological studies of novel phytoestrogen-tanaproget hybrids. <i>Synthetic Communications</i> , 2016, 46, 460-474.	2.1	6
13	LiBr/ β -CD/IBX/H ₂ O-DMSO: A new approach for one-pot biomimetic regioselective ring opening of chalcone epoxides to bromohydrins and conversion to 1,2,3-triketones. <i>Synthetic Communications</i> , 2017, 47, 1110-1120.	2.1	4