

Yang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

194
citations

1478505

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1372567

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times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbodiimide-based synthesis of N-heterocycles: moving from two classical reactive sites to chemical bond breaking/forming reaction. <i>Chemical Society Reviews</i> , 2020, 49, 5810-5849.	38.1	76
2	A short de novo synthesis of nucleoside analogs. <i>Science</i> , 2020, 369, 725-730.	12.6	61
3	Glycoside hydrolase stabilization of transition state charge: new directions for inhibitor design. <i>Chemical Science</i> , 2020, 11, 10488-10495.	7.4	12
4	Catalyst-free and atom-economical 1,3-dipolar cycloaddition of C,N-cyclic azomethine imines: Facile synthesis of isoquinoline-fused spirocycles. <i>Green Synthesis and Catalysis</i> , 2022, 3, 69-78.	6.8	12
5	Synthesis of functionalized 3,2-pyrrolidinyl spirooxindoles <i>via</i> domino 1,6-addition/annulation reactions of <i>para</i> -quinone methides and 3-chlorooxindoles. <i>Organic Chemistry Frontiers</i> , 2022, 9, 615-626.	4.5	8
6	Asymmetric \pm -Regioselective [3 + 2] Annulation of Morita-Baylis-Hillman Carbonates: Construction of Three Contiguous Stereocenters with Vicinal Quaternary Carbon Centers. <i>Journal of Organic Chemistry</i> , 2022, 87, 9593-9606.	3.2	8
7	Intrinsic Nucleophilicity of Inverting and Retaining Glycoside Hydrolases Revealed Using Carbasugar Glyco-Tools. <i>ACS Catalysis</i> , 2021, 11, 9377-9389.	11.2	5
8	Catalyst-free and oxidant-free tandem aza-Mannich/cyclization/aromatization of <i>C</i> , <i>N</i> -cyclic azomethine imines with enamides: facile synthesis of 5,6-dihydropyrazolo[5,1- <i>a</i>]isoquinolines. <i>Green Chemistry</i> , 2022, 24, 5508-5513.	9.0	5
9	Formal [4+1] Cyclization of <i>ortho</i> or <i>para</i> Quinone Methides with 3-Chlorooxindoles: Synthesis of 3,2-tetrahydrofuryl Spirooxindoles. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2385-2396.	2.7	4
10	Tandem 1,6-addition/cyclopropanation/rearrangement reaction of vinylogous <i>para</i> -quinone methides with 3-chlorooxindoles: construction of vicinal quaternary carbon centers. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3697-3708.	4.5	3