

Yang Wang

List of Publications by Year in descending order

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8
papers

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1307594
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docs citations

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times ranked

253
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	Efficient One-Pot Synthesis of 2,3-Dihydropyrimidinethiones via Multicomponent Coupling of Terminal Alkynes, Elemental Sulfur, and Carbodiimides. <i>Journal of the American Chemical Society</i> , 2009, 131, 15108-15109.	13.7	70
3	Procedure-controlled Selective Synthesis of 5-acyliminothiazolines and their Selenium and Tellurium Derivatives by Convergent Tandem Annulation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8122-8126.	13.8	59
4	Metal-free synthesis of cyclic di-oxoguanidines via one-pot sequential transformation of amines, carbodiimides and acyl dichlorides. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6266.	2.8	31
5	Mechanistic Study on the Cleavage and Reorganization of C(sp ³) ₃ -H and C≡N Bonds in Carbodiimides: Synthesis of 1,2-dihydrothiopyrimidines and 2,3-dihydropyrimidinethiones through Four-component Coupling. <i>Chemistry - A European Journal</i> , 2013, 19, 10643-10654.	3.3	22
6	Novel reactivities of 2,2-dichloroimidazolidine-4,5-diones: synthesis of copper(I) diamidocarbene complex, 2-thio/selenoimidazolidine-4,5-dione, and 2,2-difluoroimidazolidine-4,5-dione. <i>Tetrahedron Letters</i> , 2014, 55, 4597-4600.	1.4	11
7	Selective synthesis of (Z)-2-enynyl-2-hydroxy-imidazolidine-4,5-diones via Cu(I)-mediated multicomponent coupling of terminal alkynes, carbodiimides and oxalyl chloride. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3336-3339.	2.8	10
8	Synthesis, Characterization, and Reactivity of N-Acyl Chloroformamidines: Useful Building Blocks for the Construction of N-Acyl-Substituted 1,1-Diaminoethylenes, Amidines, Ureas, and Thioureas. <i>Synthesis</i> , 2013, 45, 347-354.	2.3	3