

Jacob T Edwards

List of Publications by Year in descending order

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13
papers

3,347
citations

686830

13
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

2651
citing authors

#	ARTICLE	IF	CITATIONS
1	Intermolecular Crossed [2 + 2] Cycloaddition Promoted by Visible-Light Triplet Photosensitization: Expedient Access to Polysubstituted 2-Oxaspiro[3.3]heptanes. <i>Journal of the American Chemical Society</i> , 2021, 143, 4055-4063.	6.6	39
2	Chemoselective Electrosynthesis Using Rapid Alternating Polarity. <i>Journal of the American Chemical Society</i> , 2021, 143, 16580-16588.	6.6	79
3	Impact of Stereo- and Regiochemistry on Energetic Materials. <i>Journal of the American Chemical Society</i> , 2019, 141, 12531-12535.	6.6	92
4	A Radical Approach to Anionic Chemistry: Synthesis of Ketones, Alcohols, and Amines. <i>Journal of the American Chemical Society</i> , 2019, 141, 6726-6739.	6.6	148
5	Modular radical cross-coupling with sulfones enables access to sp ³ -rich (fluoro)alkylated scaffolds. <i>Science</i> , 2018, 360, 75-80.	6.0	167
6	Fe-Catalyzed C=C Bond Construction from Olefins via Radicals. <i>Journal of the American Chemical Society</i> , 2017, 139, 2484-2503.	6.6	301
7	Decarboxylative alkenylation. <i>Nature</i> , 2017, 545, 213-218.	13.7	277
8	Decarboxylative Alkynylation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11906-11910.	7.2	136
9	Nickel-Catalyzed Barton Decarboxylation and Giese Reactions: A Practical Take on Classic Transforms. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 260-265.	7.2	229
10	A general alkyl-alkyl cross-coupling enabled by redox-active esters and alkylzinc reagents. <i>Science</i> , 2016, 352, 801-805.	6.0	579
11	Radicals: Reactive Intermediates with Translational Potential. <i>Journal of the American Chemical Society</i> , 2016, 138, 12692-12714.	6.6	754
12	Nickel-Catalyzed Cross-Coupling of Redox-Active Esters with Boronic Acids. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9676-9679.	7.2	175
13	Practical Ni-Catalyzed Aryl-Alkyl Cross-Coupling of Secondary Redox-Active Esters. <i>Journal of the American Chemical Society</i> , 2016, 138, 2174-2177.	6.6	371