Jacob T Edwards

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6025308/publications.pdf

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13	3,347	686830 13	1125271 13
papers	citations	h-index	g-index

13	13	13	2651
all docs	docs citations	times ranked	citing authors

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