Jacob T Edwards

List of Publications by Year
in descending order

13 papers	3,347 citations	687363 13 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	2651 citing authors

#	Article	IF	Citations
1	Radicals: Reactive Intermediates with Translational Potential. Journal of the American Chemical Society, 2016, 138, 12692-12714.	13.7	754
2	A general alkyl-alkyl cross-coupling enabled by redox-active esters and alkylzinc reagents. Science, 2016, 352, 801-805.	12.6	579
3	Practical Ni-Catalyzed Arylâ€“Alkyl Cross-Coupling of Secondary Redox-Active Esters. Journal of the American Chemical Society, 2016, 138, 2174-2177.	13.7	371
4	Fe-Catalyzed Câ€“C Bond Construction from Olefins via Radicals. Journal of the American Chemical Society, 2017, 139, 2484-2503.	13.7	301
5	Decarboxylative alkenylation. Nature, 2017, 545, 213-218.	27.8	277
6	Nickelâ€Catalyzed Barton Decarboxylation and Giese Reactions: A Practical Take on Classic Transforms. Angewandte Chemie - International Edition, 2017, 56, 260-265.	13.8	229
7	Nickelâ€Catalyzed Crossâ€Coupling of Redoxâ€Active Esters with Boronic Acids. Angewandte Chemie - International Edition, 2016, 55, 9676-9679.	13.8	175
8	Modular radical cross-coupling with sulfones enables access to sp ³ -rich (fluoro)alkylated scaffolds. Science, 2018, 360, 75-80.	12.6	167
9	A Radical Approach to Anionic Chemistry: Synthesis of Ketones, Alcohols, and Amines. Journal of the American Chemical Society, 2019, 141, 6726-6739.	13.7	148
10	Decarboxylative Alkynylation. Angewandte Chemie - International Edition, 2017, 56, 11906-11910.	13.8	136
11	Impact of Stereo- and Regiochemistry on Energetic Materials. Journal of the American Chemical Society, 2019, 141, 12531-12535.	13.7	92
12	Chemoselective Electrosynthesis Using Rapid Alternating Polarity. Journal of the American Chemical Society, 2021, 143, 16580-16588.	13.7	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.	13.7	39