

Adrian Tlahuext-Aca

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,266
citations

471371

17
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752573

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22
all docs

22
docs citations

22
times ranked

2286
citing authors

#	ARTICLE	IF	CITATIONS
1	Merging Visible Light Photoredox and Gold Catalysis. <i>Accounts of Chemical Research</i> , 2016, 49, 2261-2272.	7.6	535
2	Visible-Light-Promoted Activation of Unactivated C(sp ³)-H Bonds and Their Selective Trifluoromethylthiolation. <i>Journal of the American Chemical Society</i> , 2016, 138, 16200-16203.	6.6	253
3	Visible Light-Mediated Direct Decarboxylative C-H Functionalization of Heteroarenes. <i>ACS Catalysis</i> , 2017, 7, 4057-4061.	5.5	224
4	Diastereoselective Allylation of Aldehydes by Dual Photoredox and Chromium Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 12705-12709.	6.6	175
5	Dual gold/photoredox-catalyzed C(sp)-H arylation of terminal alkynes with diazonium salts. <i>Chemical Science</i> , 2016, 7, 89-93.	3.7	157
6	Multicomponent Oxyalkylation of Styrenes Enabled by Hydrogen-Bond-Assisted Photoinduced Electron Transfer. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3708-3711.	7.2	157
7	Palladium-Catalyzed Decarboxylative Heck-Type Coupling of Activated Aliphatic Carboxylic Acids Enabled by Visible Light. <i>Chemistry - A European Journal</i> , 2018, 24, 4552-4555.	1.7	115
8	Alkyne Difunctionalization by Dual Gold/Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 5909-5913.	1.7	104
9	Alkynylation of C(O)-H Bonds Enabled by Photoredox-Mediated Hydrogen-Atom Transfer. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14723-14726.	7.2	89
10	Decarboxylative Olefination of Activated Aliphatic Acids Enabled by Dual Organophotoredox/Copper Catalysis. <i>ACS Catalysis</i> , 2018, 8, 1715-1719.	5.5	79
11	Oxidative Addition to Gold(I) by Photoredox Catalysis: Straightforward Access to Diverse (<i>C</i>, <i>N</i>)-Cyclometalated Gold(III) Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 11587-11592.	1.7	78
12	Visible-Light-Mediated Synthesis of Ketones by the Oxidative Alkylation of Styrenes. <i>Organic Letters</i> , 2018, 20, 1546-1549.	2.4	74
13	On the Catalytic Hydrodefluorination of Fluoroaromatics Using Nickel Complexes: The True Role of the Phosphine. <i>Journal of the American Chemical Society</i> , 2014, 136, 4634-4639.	6.6	62
14	DMSO as a Switchable Alkylating Agent in Heteroarene C-H Functionalization. <i>Chemistry - A European Journal</i> , 2018, 24, 10064-10068.	1.7	47
15	Mehrkomponenten-Oxyalkylierung von Styrolen durch Wasserstoffbrücken-unterstützten photoinduzierten Elektronentransfer. <i>Angewandte Chemie</i> , 2017, 129, 3762-3765.	1.6	40
16	Effect of weak sulfur-π(C) interactions, and hydrogen bonds in supramolecular association of chlorodiphenyltin(IV) dithiocarbamate complexes: Study of their stability in solution. <i>Polyhedron</i> , 2012, 33, 223-234.	1.0	21
17	Synthesis of Low-Valent Nickel Complexes in Aqueous Media, Mechanistic Insights, and Selected Applications. <i>Organometallics</i> , 2014, 33, 6796-6802.	1.1	17
18	Synthesis of tetra-substituted imidazoles and 2-imidazolines by Ni(0)-catalyzed dehydrogenation of benzylic-type imines. <i>Dalton Transactions</i> , 2014, 43, 15997-16005.	1.6	17

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19	Alkylierung von C(O)â€Hâ€Bindungen durch Photoredoxâ€vermittelten Wasserstoffatomtransfer. <i>Angewandte Chemie</i> , 2017, 129, 14915-14919.	1.6	15
20	Synthesis, Spectroscopic Characterization, DFT Calculations, and Dynamic Behavior of Mononuclear Macrocyclic Diorganotin(IV) Bisâ€Dithiocarbamate Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1731-1738.	0.6	7