

Mark S Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

3,387
citations

13
h-index

19
g-index

19
ext. papers

3,648
ext. citations

14.8
avg, IF

5.54
L-index

#	Paper	IF	Citations
14	A predictably selective aliphatic C-H oxidation reaction for complex molecule synthesis. <i>Science</i> , 2007 , 318, 783-7	33.3	1020
13	Combined effects on selectivity in Fe-catalyzed methylene oxidation. <i>Science</i> , 2010 , 327, 566-71	33.3	586
12	A sulfoxide-promoted, catalytic method for the regioselective synthesis of allylic acetates from monosubstituted olefins via C-H oxidation. <i>Journal of the American Chemical Society</i> , 2004 , 126, 1346-7	16.4	446
11	Serial ligand catalysis: a highly selective allylic C-H oxidation. <i>Journal of the American Chemical Society</i> , 2005 , 127, 6970-1	16.4	367
10	Efficient small molecule bulk heterojunction solar cells with high fill factors via pyrene-directed molecular self-assembly. <i>Advanced Materials</i> , 2011 , 23, 5359-63	24	337
9	Control of Polymer-Packing Orientation in Thin Films through Synthetic Tailoring of Backbone Coplanarity. <i>Chemistry of Materials</i> , 2013 , 25, 4088-4096	9.6	182
8	Enhanced solid-state order and field-effect hole mobility through control of nanoscale polymer aggregation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 19229-36	16.4	170
7	The Fe(PDP)-catalyzed aliphatic C-H oxidation: a slow addition protocol. <i>Tetrahedron</i> , 2009 , 65, 3078-3084	4.4	90
6	Solution-processed, molecular photovoltaics that exploit hole transfer from non-fullerene, n-type materials. <i>Advanced Materials</i> , 2014 , 26, 4313-9	24	72
5	Functionalized Isothianaphthene Monomers That Promote Quinoidal Character in Donor-Acceptor Copolymers for Organic Photovoltaics. <i>Macromolecules</i> , 2012 , 45, 4069-4074	5.5	42
4	Electron Transfer Dynamics of Triphenylamine Dyes Bound to TiO ₂ Nanoparticles from Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 6990-6997	3.8	26
3	A Concise Synthetic Strategy for Accessing Ambient Stable Bisphenalenyls toward Achieving Electroactive Open-Shell π -Conjugated Materials. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3240-3248	16.4	21
2	Open-Shell Effects on Optoelectronic Properties: Antiambipolar Charge Transport and Anti-Kasha Doublet Emission from a β -Substituted Bisphenalenyl. <i>Journal of the American Chemical Society</i> , 2020 , 142, 38-43	16.4	21
1	Spin multiplicity effects in doublet singlet emission: the photophysical consequences of a single electron. <i>Chemical Science</i> , 2020 , 11, 10212-10219	9.4	6