

Mark S Chen

List of Publications by Year in Descending Order

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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 | Open-Shell Effects on Optoelectronic Properties: Antiambipolar Charge Transport and Anti-Kasha Doublet Emission from a π -Substituted Bisphenalenyl. <i>Journal of the American Chemical Society</i> , 2020 , 142, 38-43 | 16.4 | 21 |
| 13 | 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 |
| 12 | 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 |
| 11 | Solution-processed, molecular photovoltaics that exploit hole transfer from non-fullerene, n-type materials. <i>Advanced Materials</i> , 2014 , 26, 4313-9 | 24 | 72 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | Functionalized Isothianaphthene Monomers That Promote Quinoidal Character in Donor-Acceptor Copolymers for Organic Photovoltaics. <i>Macromolecules</i> , 2012 , 45, 4069-4074 | 5.5 | 42 |
| 6 | 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 |
| 5 | Combined effects on selectivity in Fe-catalyzed methylene oxidation. <i>Science</i> , 2010 , 327, 566-71 | 33.3 | 586 |
| 4 | The Fe(PDP)-catalyzed aliphatic C-H oxidation: a slow addition protocol. <i>Tetrahedron</i> , 2009 , 65, 3078-3084 | 4.4 | 90 |
| 3 | A predictably selective aliphatic C-H oxidation reaction for complex molecule synthesis. <i>Science</i> , 2007 , 318, 783-7 | 33.3 | 1020 |
| 2 | 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 |
| 1 | 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 |