

Yunfan Qiu

List of Publications by Year in descending order

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11
papers

281
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Electron Oxidation of an Organic Molecule by B(C ₆ F ₅) ₃ ; Isolation and Structures of Stable Non- <i>para</i> -substituted Triarylamine Cation Radical and Bis(triarylamine) Dication Diradicaloid. <i>Journal of the American Chemical Society</i> , 2013, 135, 14912-14915.	13.7	122
2	Isolation and reversible dimerization of a selenium ⁺ selenium three-electron σ -bond. <i>Nature Communications</i> , 2014, 5, 4127.	12.8	57
3	Using Molecular Design to Enhance the Coherence Time of Quintet Multiexcitons Generated by Singlet Fission in Single Crystals. <i>Journal of the American Chemical Society</i> , 2022, 144, 2276-2283.	13.7	35
4	Direct Detection of the Open-Shell Singlet Phenyloxenium Ion: An Atom-Centered Diradical Reacts as an Electrophile. <i>Journal of the American Chemical Society</i> , 2017, 139, 15054-15059.	13.7	33
5	Accessing the triplet state of perylene diimide by radical-enhanced intersystem crossing. <i>Chemical Science</i> , 2022, 13, 6732-6743.	7.4	14
6	New photoheterolysis precursors to study oxenium ions: combining experiment and theory. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2666-2671.	2.8	6
7	Aryl Nitrenium and Oxenium Ions with Unusual High-Spin $\text{^1}\text{E}_g$ Ground States: Exploiting (Anti)Aromaticity. <i>Journal of Organic Chemistry</i> , 2017, 82, 13550-13556.	3.2	5
8	Anomalous Electronic Properties of Iodous Materials: Application to High-Spin Reactive Intermediates and Conjugated Polymers. <i>Journal of Organic Chemistry</i> , 2020, 85, 4145-4152.	3.2	4
9	Generation and direct observation of a triplet aryl nitrenium ion. <i>Nature Communications</i> , 2022, 13, .	12.8	4
10	Rational design and syntheses of aniline-based diradical dications: isolable congeners of quinodimethane diradicals. <i>Organic Chemistry Frontiers</i> , 2021, 8, 891-900.	4.5	1
11	Effect of the Time Delay between Spin State Preparation and Measurement on Electron Spin Teleportation in a Covalent Donor ⁺ Acceptor ⁻ Radical System. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 156-160.	4.6	0