

Hanjie Jiang

List of Publications by Year in descending order

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papers

654
citations

1163117

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docs citations

11
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Software for the frontiers of quantum chemistry: An overview of developments in the Q-Chem 5 package. <i>Journal of Chemical Physics</i> , 2021, 155, 084801.	3.0	518
2	Metal-Free Organic Triplet Emitters with On-Off Switchable Excited State Intramolecular Proton Transfer. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	25
3	Activating intramolecular singlet exciton fission by altering π -bridge flexibility in perylene diimide trimers for organic solar cells. <i>Chemical Science</i> , 2020, 11, 8757-8770.	7.4	22
4	Molecular Structure of the Surface-Immobilized Super Uranyl Binding Protein. <i>Journal of Physical Chemistry B</i> , 2021, 125, 7706-7716.	2.6	21
5	Calculation of spin-orbit couplings using RASCI spinless one-particle density matrices: Theory and applications. <i>Journal of Chemical Physics</i> , 2020, 153, 214107.	3.0	18
6	Heavy atom oriented orbital angular momentum manipulation in metal-free organic phosphors. <i>Chemical Science</i> , 2022, 13, 789-797.	7.4	18
7	Charge transfer via spin flip configuration interaction: Benchmarks and application to singlet fission. <i>Journal of Chemical Physics</i> , 2020, 153, 064109.	3.0	10
8	The Role of the Core Attachment Positioning in Triggering Intramolecular Singlet Exciton Fission in Perylene Diimide Tetramers. <i>Journal of Physical Chemistry B</i> , 2021, 125, 5114-5131.	2.6	9
9	Investigation of Thermally Activated Delayed Fluorescence in Donor-Acceptor Organic Emitters with Time-Resolved Absorption Spectroscopy. <i>Chemistry of Materials</i> , 2022, 34, 2161-2175.	6.7	9
10	Impact of Ring-Fusion on the Excited State Decay Pathways of N-Annulated Perylene Diimides. <i>Journal of Physical Chemistry C</i> , 2021, 125, 10500-10515.	3.1	3
11	State-specific solvation for restricted active space spin-flip (RAS-SF) wave functions based on the polarizable continuum formalism. <i>Journal of Chemical Physics</i> , 2022, 156, .	3.0	1