

Hiroki Nagashima

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

483
citations

933264

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1281743

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13
all docs

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docs citations

13
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial oxygen vacancies yielding long-lived holes in hematite mesocrystal-based photoanodes. <i>Nature Communications</i> , 2019, 10, 4832.	5.8	112
2	Multiexciton Dynamics Depending on Intramolecular Orientations in Pentacene Dimers: Recombination and Dissociation of Correlated Triplet Pairs. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3354-3360.	2.1	73
3	Identifying triplet pathways in dilute pentacene films. <i>Nature Communications</i> , 2018, 9, 4222.	5.8	71
4	Synthesis, Structure and Electronic Properties of Graphitic Carbon Nitride Films. <i>Journal of Physical Chemistry C</i> , 2018, 122, 25183-25194.	1.5	64
5	Exergonic Intramolecular Singlet Fission of an Adamantane-Linked Tetracene Dyad via Twin Quintet Multiexcitons. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18813-18823.	1.5	39
6	Quantitative Sequential Photoenergy Conversion Process from Singlet Fission to Intermolecular Two-Electron Transfers Utilizing Tetracene Dimer. <i>ACS Energy Letters</i> , 2019, 4, 26-31.	8.8	32
7	Controlled Orientations of Neighboring Tetracene Units by Mixed Self-Assembled Monolayers on Gold Nanoclusters for High-Yield and Long-Lived Triplet Excited States through Singlet Fission. <i>Journal of the American Chemical Society</i> , 2019, 141, 14720-14727.	6.6	30
8	Synergetic Role of Conformational Flexibility and Electronic Coupling for Quantitative Intramolecular Singlet Fission. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18287-18296.	1.5	21
9	Orientation of Ligand Field for Dangling Manganese in Photosynthetic Oxygen-Evolving Complex of Photosystem II. <i>Journal of Physical Chemistry B</i> , 2020, 124, 128-133.	1.2	20
10	Spin Dynamics of Quintet and Triplet States Resulting from Singlet Fission in Oriented Terrylenediimide and Quaterrylenediimide Films. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9822-9833.	1.5	19
11	Local Structural Modification of Ca ²⁺ -Depleted Photosystem II Detected by Proton Matrix ENDOR. <i>Applied Magnetic Resonance</i> , 2018, 49, 803-812.	0.6	1