

Yoichi Sasaki

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

768
citations

687363

13
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-Infrared-to-Visible Photon Upconversion. , 2022, , 29-48.		0
2	In optimized rubrene-based nanoparticle blends for photon upconversion, singlet energy collection outcompetes triplet-pair separation, not singlet fission. Journal of Materials Chemistry C, 2022, 10, 4684-4696.	5.5	33
3	Osmium Complexâ€“Chromophore Conjugates with Both Singlet-to-Triplet Absorption and Long Triplet Lifetime through Tuning of the Heavy-Atom Effect. Inorganic Chemistry, 2022, 61, 5982-5990.	4.0	23
4	Discovery of Key TIPSâ€“Naphthalene for Efficient Visibleâ€“toâ€“UV Photon Upconversion under Sunlight and Room Light**. Angewandte Chemie - International Edition, 2021, 60, 142-147.	13.8	52
5	Discovery of Key TIPSâ€“Naphthalene for Efficient Visibleâ€“toâ€“UV Photon Upconversion under Sunlight and Room Light**. Angewandte Chemie, 2021, 133, 144-149.	2.0	10
6	Frontispiece: Discovery of Key TIPSâ€“Naphthalene for Efficient Visibleâ€“toâ€“UV Photon Upconversion under Sunlight and Room Light. Angewandte Chemie - International Edition, 2021, 60, .	13.8	0
7	Photon upconverting bioplastics with high efficiency and in-air durability. Journal of Materials Chemistry C, 2021, 9, 11655-11661.	5.5	13
8	Design Guidelines to Elongate Spinâ€“Lattice Relaxation Times of Porphyrins with Large Triplet Electron Polarization. Journal of Physical Chemistry A, 2021, 125, 4334-4340.	2.5	8
9	Singlet-to-Triplet Absorption for Near-Infrared-to-Visible Photon Upconversion. Bulletin of the Chemical Society of Japan, 2021, 94, 1760-1768.	3.2	13
10	Spin Statistics for Tripletâ€“Triplet Annihilation Upconversion: Exchange Coupling, Intermolecular Orientation, and Reverse Intersystem Crossing. Jacs Au, 2021, 1, 2188-2201.	7.9	44
11	Frontispiz: Discovery of Key TIPSâ€“Naphthalene for Efficient Visibleâ€“toâ€“UV Photon Upconversion under Sunlight and Room Light. Angewandte Chemie, 2021, 133, .	2.0	0
12	Photon Upconverting Solid Films with Improved Efficiency for Endowing Perovskite Solar Cells with Nearâ€“Infrared Sensitivity. ChemPhotoChem, 2020, 4, 5271-5278.	3.0	26
13	Leaping across the visible range: near-infrared-to-violet photon upconversion employing a silyl-substituted anthracene. Chemical Communications, 2020, 56, 7017-7020.	4.1	44
14	Nearâ€“Infraredâ€“toâ€“Visible Photon Upconversion by Introducing an Sâ€“T Absorption Sensitizer into a Metalâ€“Organic Framework. ChemNanoMat, 2020, 6, 916-919.	2.8	11
15	Upconverting Oil-Laden Hollow Mesoporous Silica Microcapsules for Anti-Stokes-Based Biophotonic Applications. ACS Applied Materials & Interfaces, 2019, 11, 26571-26580.	8.0	15
16	Absolute Method to Certify Quantum Yields of Photon Upconversion via Tripletâ€“Triplet Annihilation. Journal of Physical Chemistry A, 2019, 123, 10197-10203.	2.5	35
17	Nearâ€“Infrared Optogenetic Genome Engineering Based on Photonâ€“Upconversion Hydrogels. Angewandte Chemie, 2019, 131, 17991-17997.	2.0	12
18	Nearâ€“Infrared Optogenetic Genome Engineering Based on Photonâ€“Upconversion Hydrogels. Angewandte Chemie - International Edition, 2019, 58, 17827-17833.	13.8	103

#	ARTICLE	IF	CITATIONS
19	Supramolecular Crowding Can Avoid Oxygen Quenching of Photon Upconversion in Water. Chemistry - A European Journal, 2019, 25, 6042-6042.	3.3	0
20	Supramolecular Crowding Can Avoid Oxygen Quenching of Photon Upconversion in Water. Chemistry - A European Journal, 2019, 25, 6124-6130.	3.3	26
21	Stimuli-Responsive Dual-Color Photon Upconversion: A Singlet-Triplet Absorption Sensitizer in a Soft Luminescent Cyclophane. Angewandte Chemie, 2018, 130, 2856-2860.	2.0	11
22	Stimuli-Responsive Dual-Color Photon Upconversion: A Singlet-Triplet Absorption Sensitizer in a Soft Luminescent Cyclophane. Angewandte Chemie - International Edition, 2018, 57, 2806-2810.	13.8	28
23	Innenteilbild: Stimuli-Responsive Dual-Color Photon Upconversion: A Singlet-Triplet Absorption Sensitizer in a Soft Luminescent Cyclophane (Angew. Chem. 11/2018). Angewandte Chemie, 2018, 130, 2778-2778.	2.0	0
24	Near infrared-to-blue photon upconversion by exploiting direct S ₀ -T ₁ absorption of a molecular sensitizer. Journal of Materials Chemistry C, 2017, 5, 5063-5067.	5.5	77
25	Near-Infrared-to-Visible Photon Upconversion Sensitized by a Metal Complex with Spin-Forbidden yet Strong S ₀ -T ₁ Absorption. Journal of the American Chemical Society, 2016, 138, 8702-8705.	13.7	178