

Masaki Saigo

List of Publications by Year in descending order

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9
papers

182
citations

1307594

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1474206

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docs citations

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times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of excited state, reductive quenching, and intramolecular electron transfer of Ru(II)–Re(I) supramolecular photocatalysts for CO ₂ reduction using time-resolved IR measurements. <i>Chemical Science</i> , 2018, 9, 2961-2974.	7.4	53
2	Suppression of Structural Change upon S ₁ →T ₁ Conversion Assists the Thermally Activated Delayed Fluorescence Process in Carbazole-Benzonitrile Derivatives. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2475-2480.	4.6	45
3	Heavy metal-free visible-to-UV photon upconversion with over 20% efficiency sensitized by a ketocoumarin derivative. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4558-4562.	5.5	23
4	Eliminating the Reverse ISC Bottleneck of TADF Through Excited State Engineering and Environmental Tuning Toward State Resonance Leading to Monoexponential Sub-ns Decay. High OLED External Quantum Efficiency Confirms Efficient Exciton Harvesting. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	19
5	Intramolecular-rotation driven triplet-to-singlet upconversion and fluctuation induced fluorescence activation in linearly connected donor–acceptor molecules. <i>Journal of Chemical Physics</i> , 2020, 153, 204702.	3.0	15
6	Guest-Tunable Excited States in a Cyanide-Bridged Luminescent Coordination Polymer. <i>Inorganic Chemistry</i> , 2021, 60, 6140-6146.	4.0	12
7	Achieving Thermally Activated Delayed Fluorescence from Benzophenone by Host–Guest Complexation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17392-17399.	3.1	9
8	Aggregation-induced emission active thermally-activated delayed fluorescence materials possessing N-heterocycle and sulfonyl groups. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4607-4613.	5.5	3
9	Characterization of Excited States in a Multiple-Resonance-Type Thermally Activated Delayed Fluorescence Molecule Using Time-Resolved Infrared Spectroscopy. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 381-388.	3.2	3