

# Hironori Kouno

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exciton Recycling in Triplet Energy Transfer from a Defect-Rich Quantum Dot to an Organic Molecule. <i>Journal of Physical Chemistry C</i> , 2022, 126, 11674-11679.	3.1	1
2	Porphyrins as Versatile, Aggregation-Tolerant, and Biocompatible Polarizing Agents for Triplet Dynamic Nuclear Polarization of Biomolecules. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2645-2650.	4.6	16
3	Number of Surface-Attached Acceptors on a Quantum Dot Impacts Energy Transfer and Photon Upconversion Efficiencies. <i>ACS Photonics</i> , 2020, 7, 1876-1884.	6.6	13
4	Triplet dynamic nuclear polarization of crystalline ice using water-soluble polarizing agents. <i>Chemical Communications</i> , 2020, 56, 3717-3720.	4.1	21
5	Visible-to-UV photon upconversion in air-saturated water by multicomponent co-assembly. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 792-796.	3.4	16
6	Materials chemistry of triplet dynamic nuclear polarization. <i>Chemical Communications</i> , 2020, 56, 7217-7232.	4.1	26
7	Triplet dynamic nuclear polarization of nanocrystals dispersed in water at room temperature. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16408-16412.	2.8	12
8	Near-Infrared Optogenetic Genome Engineering Based on Photon Upconversion Hydrogels. <i>Angewandte Chemie</i> , 2019, 131, 17991-17997.	2.0	12
9	Near-Infrared Optogenetic Genome Engineering Based on Photon Upconversion Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17827-17833.	13.8	103
10	Supramolecular Crowding Can Avoid Oxygen Quenching of Photon Upconversion in Water. <i>Chemistry - A European Journal</i> , 2019, 25, 6042-6042.	3.3	0
11	Nonpentacene Polarizing Agents with Improved Air Stability for Triplet Dynamic Nuclear Polarization at Room Temperature. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2208-2213.	4.6	31
12	Oligo(ethylene glycol)/alkyl-modified Chromophore Assemblies for Photon Upconversion in Water. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1723-1728.	3.3	8
13	Supramolecular Crowding Can Avoid Oxygen Quenching of Photon Upconversion in Water. <i>Chemistry - A European Journal</i> , 2019, 25, 6124-6130.	3.3	26
14	Two-dimensional structural ordering in a chromophoric ionic liquid for triplet energy migration-based photon upconversion. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3233-3240.	2.8	21
15	Near infrared-to-blue photon upconversion by exploiting direct S <sup>1</sup> T absorption of a molecular sensitizer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5063-5067.	5.5	77
16	Kinetically controlled crystal growth approach to enhance triplet energy migration-based photon upconversion. <i>Journal of Photonics for Energy</i> , 2017, 8, 1.	1.3	16
17	Triplet energy migration-based photon upconversion by amphiphilic molecular assemblies in aerated water. <i>Chemical Science</i> , 2016, 7, 5224-5229.	7.4	53