Yasuko Osakada

List of Publications by Year
in descending order

36	1,302	430874 18	377865 34
papers	citations	h-index	g-index

37	37	37	2016
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Photocatalytic Activity of Porphyrin Nanodisks Prepared by Exfoliation of Metalloporphyrin-Based Covalent Organic Frameworks. ACS Omega, 2022, 7, 7172-7178.	3.5	13
2	Fluorescein-Based Type I Supramolecular Photosensitizer via Induction of Charge Separation by Self-Assembly. Jacs Au, 2022, 2, 1472-1478.	7.9	23
3	Porphyrin covalent organic nanodisks synthesized using acid-assisted exfoliation for improved bactericidal efficacy. Nanoscale Advances, 2022, 4, 2992-2995.	4.6	1
4	COF-based photocatalyst for energy and environment applications. Surfaces and Interfaces, 2021, 25, 101249.	3.0	14
5	A cyanine dye based supramolecular photosensitizer enabling visible-light-driven organic reaction in water. Chemical Communications, 2021, 57, 11217-11220.	4.1	12
6	Aggregation-induced photocatalytic activity and efficient photocatalytic hydrogen evolution of amphiphilic rhodamines in water. Chemical Science, 2020, 11, 11843-11848.	7.4	19
7	Hard X-ray excited optical luminescence from protein-directed Auâˆ¼20 clusters. RSC Advances, 2020, 10, 13824-13829.	3.6	3
8	Synthesis of porphyrin nanodisks from COFs through mechanical stirring and their photocatalytic activity. Applied Surface Science, 2020, 513, 145720.	6.1	17
9	Synthesis of unsymmetric perylenediimide dye molecule and its photochemical properties on lipid membrane. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1899-1903.	2.2	0
10	Synthesis and photocatalytic activity of ultrathin two-dimensional porphyrin nanodisks via covalent organic framework exfoliation. Communications Chemistry, 2019, 2, .	4.5	46
11	Black phosphorus: A promising two dimensional visible and near-infrared-activated photocatalyst for hydrogen evolution. Applied Catalysis B: Environmental, 2017, 217, 285-292.	20.2	164
12	Single-Particle Tracking Reveals a Dynamic Role of Actin Filaments in Assisting Long-Range Axonal Transport in Neurons. Bulletin of the Chemical Society of Japan, 2017, 90, 714-719.	3.2	0
13	Live Cell Imaging Using Photoswitchable Diarylethene€Doped Fluorescent Polymer Dots. Chemistry - an Asian Journal, 2017, 12, 2660-2665.	3.3	14
14	Hard X-ray-induced optical luminescence via biomolecule-directed metal clusters. Chemical Communications, 2014, 50, 3549-3551.	4.1	43
15	Iridium oxide nanotube electrodes for sensitive and prolonged intracellular measurement of action potentials. Nature Communications, 2014, 5, 3206.	12.8	197
16	X-ray excitable luminescent polymer dots doped with an iridium(iii) complex. Chemical Communications, 2013, 49, 4319.	4.1	33
17	Defective Axonal Transport of Rab7 GTPase Results in Dysregulated Trophic Signaling. Journal of Neuroscience, 2013, 33, 7451-7462.	3.6	88
18	Kinetics of Charge Transfer through DNA across Guanine€“Cytosine Repeats Intervened by Adenine€“Thymine Base Pair(s). Bulletin of the Chemical Society of Japan, 2013, 86, 25-30.	3.2	3

#	Article	IF	Citations
19	Diarylethene doped biocompatible polymer dots for fluorescence switching. Chemical Communications, 2012, 48, 3285.	4.1	57
20	Generation of Singlet Oxygen during Photosensitized Oneâ€Electron Oxidation of DNA. Chemistry - A European Journal, 2012, 18, 1060-1063.	3.3	13
21	Automated image analysis for tracking cargo transport in axons. Microscopy Research and Technique, 2011, 74, 605-613.	2.2	28
22	Single-molecule imaging of NGF axonal transport in microfluidic devices. Lab on A Chip, 2010, 10, 2566.	6.0	63
23	Charge Separation and Photosensitized Damage in DNA Mediated by Naphthalimide, Naphthaldiimide, and Anthraquinone. Journal of Physical Chemistry B, 2010, 114, 10195-10199.	2.6	16
24	Real-Time Visualization of Axonal Transport in Neurons. Methods in Molecular Biology, 2010, 670, 231-243.	0.9	6
25	Importance of Protonation State of Guanine Radical Cation During Hole Transfer in DNA. ChemPhysChem, 2009, 10, 1766-1769.	2.1	16
26	Sequence-independent and rapid long-range charge transfer through DNA. Nature Chemistry, 2009, 1, 156-159.	13.6	116
27	Mechanism of Charge Separation in DNA by Hole Transfer through Consecutive Adenines. Chemistry - A European Journal, 2008, 14, 3721-3726.	3.3	24
28	Charge transfer in DNA assemblies: effects of sticky ends. Chemical Communications, 2008, , 2656.	4.1	15
29	Charge Separation in Acridine- and Phenothiazine-Modified DNA. Journal of Physical Chemistry B, 2008, 112, 2144-2149.	2.6	22
30	Kinetics of charge transfer in DNA containing a mismatch. Nucleic Acids Research, 2008, 36, 5562-5570.	14.5	42
31	Hole Transfer in DNA and Photosensitized DNA Damage:Â Importance of Adenine Oxidation. Journal of Physical Chemistry B, 2007, 111, 2322-2326.	2.6	21
32	Hole Transfer Rates in A-Form DNA/2â€²-OMeRNA Hybrid. Chemistry - A European Journal, 2007, 13, 2386-2391.	3.3	17
33	Effects of reaction rate of radical anion of a photosensitizer with molecular oxygen on the photosensitized DNA damage. Chemical Communications, 2006, , 3918.	4.1	16
34	Charge transfer through DNA nanoscaled assembly programmable with DNA building blocks. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18072-18076.	7.1	65
35	Consecutive Adenine Sequences Are Potential Targets in Photosensitized DNA Damage. Chemistry and Biology, 2005, 12, 1049-1054.	6.0	30
36	Lifetime Regulation of the Charge-Separated State in DNA by Modulating the Oxidation Potential of Guanine in DNA through Hydrogen Bonding. Journal of the American Chemical Society, 2004, 126, 12843-12846.	13.7	45