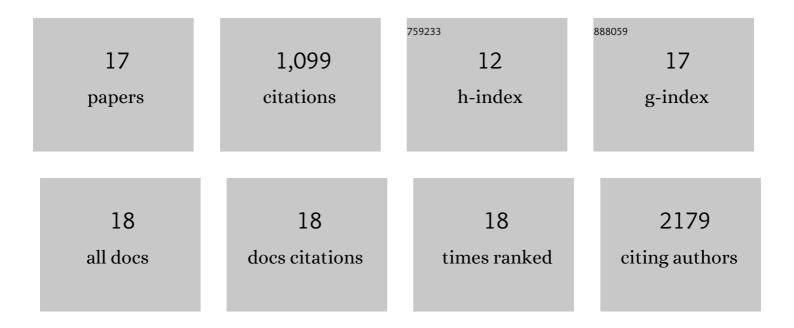
## Robert J Dillon

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3471875/publications.pdf Version: 2024-02-01



POREDT I DILLON

#	Article	IF	CITATIONS
1	Finding the Way to Solar Fuels with Dye-Sensitized Photoelectrosynthesis Cells. Journal of the American Chemical Society, 2016, 138, 13085-13102.	13.7	317
2	Singlet Fission: From Coherences to Kinetics. Journal of Physical Chemistry Letters, 2014, 5, 2312-2319.	4.6	123
3	Promotion of atomic hydrogen recombination as an alternative to electron trapping for the role of metals in the photocatalytic production of H <sub>2</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7942-7947.	7.1	109
4	Disentangling the Physical Processes Responsible for the Kinetic Complexity in Interfacial Electron Transfer of Excited Ru(II) Polypyridyl Dyes on TiO <sub>2</sub> . Journal of the American Chemical Society, 2016, 138, 4426-4438.	13.7	84
5	Correlating the excited state relaxation dynamics as measured by photoluminescence and transient absorption with the photocatalytic activity of Au@TiO <sub>2</sub> core–shell nanostructures. Physical Chemistry Chemical Physics, 2013, 15, 1488-1496.	2.8	65
6	Probing the Nature of Bandgap States in Hydrogen-Treated TiO <sub>2</sub> Nanowires. Journal of Physical Chemistry C, 2013, 117, 26821-26830.	3.1	54
7	Enabling Efficient Creation of Long-Lived Charge-Separation on Dye-Sensitized NiO Photocathodes. ACS Applied Materials & Interfaces, 2017, 9, 26786-26796.	8.0	45
8	Photopolymerization of Organic Molecular Crystal Nanorods. Macromolecules, 2007, 40, 9040-9044.	4.8	39
9	The Effects of Photochemical and Mechanical Damage on the Excited State Dynamics of Charge-Transfer Molecular Crystals Composed of Tetracyanobenzene and Aromatic Donor Molecules. Journal of Physical Chemistry A, 2011, 115, 1627-1633.	2.5	32
10	Chromophore-Catalyst Assembly for Water Oxidation Prepared by Atomic Layer Deposition. ACS Applied Materials & Interfaces, 2017, 9, 39018-39026.	8.0	32
11	Time-Resolved Studies of Charge Recombination in the Pyrene/TCNQ Charge-Transfer Crystal: Evidence for Tunneling. Journal of Physical Chemistry A, 2012, 116, 5145-5150.	2.5	29
12	Growth and Post-Deposition Treatments of SrTiO <sub>3</sub> Films for Dye-Sensitized Photoelectrosynthesis Cell Applications. ACS Applied Materials & Interfaces, 2016, 8, 12282-12290.	8.0	12
13	Interfacial electron transfer yields in dye-sensitized NiO photocathodes correlated to excited-state dipole orientation of ruthenium chromophores. Canadian Journal of Chemistry, 2018, 96, 865-874.	1.1	11
14	Role of Macromolecular Structure in the Ultrafast Energy and Electron Transfer Dynamics of a Light-Harvesting Polymer. Journal of Physical Chemistry B, 2016, 120, 7937-7948.	2.6	7
15	Ultrafast Energy Transfer in Fully Conjugated Thiophene-Benzothiadiazole Capped Poly(Phenylene) Tj ETQq1 1 0	.784314 ı 3.1	gBŢ /Overloc
16	Dye-Sensitized Nonstoichiometric Strontium Titanate Core–Shell Photocathodes for Photoelectrosynthesis Applications. ACS Applied Materials & Interfaces, 2021, 13, 15261-15269.	8.0	5
17	Distinguishing Plasmonic Photoinduced Electron Transfer and Photothermal Enhancement Mechanisms for Photoelectrocatalytic Ethanol Oxidation on Au Nanoparticle-Decorated Photoelectrodes. ACS Applied Nano Materials, 0, , .	5.0	3