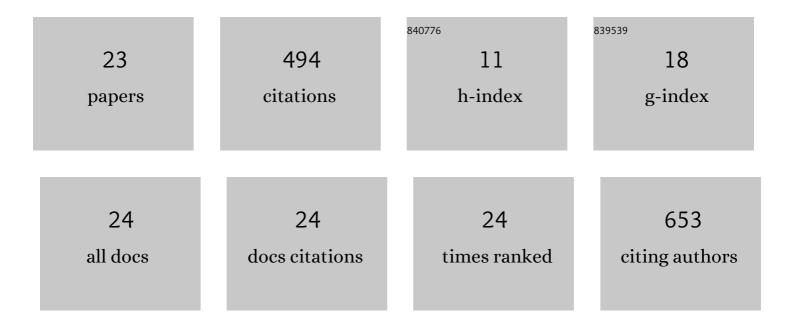
## Ryan M O'donnell

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Rigidification of cyclometalating ligands for reverse saturable absorption (RSA) materials development. , 2022, , .   |      | 1         |
| 2  | Derivatized phenylbenzothiazole cyclometalating ligands for reverse saturable absorption materials development. , 2022, , .   |      | 0         |
| 3  | Fast Triplet Population in Iridium(III) Complexes with Less than Unity Singlet to Triplet Quantum Yield.<br>Journal of Physical Chemistry C, 2019, 123, 13846-13855.  | 3.1  | 5         |
| 4  | Quantum Yield Measurement of Organometallic Complexes using Double Pump Probe Technique. , 2019, , .  |      | 0         |
| 5  | Analytical Characterization of Nitro-Derivatized Cyclometalating Ligands. , 2019, , .   |      | 2         |
| 6  | lridium complexes containing nitro-derivatized isoquinoline ligands for photonic applications. , 2019, ,  |      | 1         |
| 7  | Dye Excited States Oriented Relative to TiO <sub>2</sub> Surface Electric Fields. Journal of Physical Chemistry C, 2018, 122, 13863-13871.  | 3.1  | 9         |
| 8  | Dual Emissive Multinuclear Iridium(III) Complexes in Solutions: Linear Photophysical Properties,<br>Two-Photon Absorption Spectra, and Photostability. Journal of Physical Chemistry C, 2018, 122,<br>6786-6793.                            | 3.1  | 9         |
| 9  | Manipulating triplet states: tuning energies, absorption, lifetimes, and annihilation rates in anthanthrene derivatives. Physical Chemistry Chemical Physics, 2018, 20, 28412-28418.  | 2.8  | 9         |
| 10 | Ultra-fast relaxation and singlet-triplet conversion quantum yield of Ir complexes. , 2018, , .   |      | 1         |
| 11 | Electronic Nature of New Ir(III) Complexes: Linear Spectroscopic and Nonlinear Optical Properties.<br>Journal of Physical Chemistry C, 2017, 121, 23609-23617.  | 3.1  | 23        |
| 12 | Photodriven Oxygen Removal via Chromophore-Mediated Singlet Oxygen Sensitization and Chemical Capture. Inorganic Chemistry, 2017, 56, 9273-9280.  | 4.0  | 7         |
| 13 | Nonlinear optical characterization of multinuclear iridium compounds containing tricycloquinazoline. Applied Optics, 2017, 56, B179.  | 2.1  | 10        |
| 14 | A Distance Dependence to Lateral Self-Exchange across Nanocrystalline TiO <sub>2</sub> . A<br>Comparative Study of Three Homologous Ru <sup>III/II</sup> Polypyridyl Compounds. Journal of<br>Physical Chemistry C, 2016, 120, 14226-14235. | 3.1  | 28        |
| 15 | Photoacidic and Photobasic Behavior of Transition Metal Compounds with Carboxylic Acid Group(s).<br>Journal of the American Chemical Society, 2016, 138, 3891-3903.   | 13.7 | 55        |
| 16 | Cation-Dependent Charge Recombination to Organic Mediators in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2015, 119, 21599-21604.  | 3.1  | 22        |
| 17 | Kinetic Resolution of Charge Recombination and Electric Fields at the Sensitized TiO <sub>2</sub><br>Interface. Journal of Physical Chemistry C, 2015, 119, 25273-25281.  | 3.1  | 17        |
| 18 | Electric Fields Control TiO <sub>2</sub> (e <sup>–</sup> ) + I <sub>3</sub> <sup>–</sup> → Charge<br>Recombination in Dye-Sensitized Solar Cells. Journal of Physical Chemistry Letters, 2014, 5, 3265-3268.                                | 4.6  | 31        |

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|----|--|------|-----------|
| 19 | Electric Fields and Charge Screening in Dye Sensitized Mesoporous Nanocrystalline TiO <sub>2</sub><br>Thin Films. Journal of Physical Chemistry C, 2014, 118, 16976-16986.                 | 3.1  | 38        |
| 20 | Charge-Screening Kinetics at Sensitized TiO <sub>2</sub> Interfaces. Journal of Physical Chemistry Letters, 2013, 4, 2817-2821.  | 4.6  | 33        |
| 21 | Excited-State Relaxation of Ruthenium Polypyridyl Compounds Relevant to Dye-Sensitized Solar Cells.<br>Inorganic Chemistry, 2013, 52, 6839-6848.   | 4.0  | 32        |
| 22 | Detection of cocaine and its metabolites in urine using solid phase extraction-ion mobility spectrometry with alternating least squares. Forensic Science International, 2009, 189, 54-59. | 2.2  | 46        |
| 23 | Pharmaceutical applications of ion mobility spectrometry. TrAC - Trends in Analytical Chemistry, 2008, 27, 44-53.  | 11.4 | 113       |