

# Dumitru Sirbu

## List of Publications by Year in descending order

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20  
papers

261  
citations

1163117

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940533

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docs citations

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times ranked

414  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ferrocene effect: enhanced electrocatalytic hydrogen production using meso-tetraferrocenyl porphyrin palladium( $\text{II}$ ) and copper( $\text{II}$ ) complexes. Dalton Transactions, 2015, 44, 14646-14655.	3.3	51
2	Layered Perovskites in Solar Cells: Structure, Optoelectronic Properties, and Device Design. Advanced Energy Materials, 2021, 11, 2003877.	19.5	49
3	Synthesis and properties of a meso-tris(ferrocene) appended zinc(II) porphyrin and a critical evaluation of its dye sensitised solar cell (DSSC) performance. RSC Advances, 2014, 4, 22733-22742.	3.6	45
4	One-Pot Synthesis of a Mono-O,B,N-strapped BODIPY Derivative Displaying Bright Fluorescence in the Solid State. Organic Letters, 2017, 19, 1626-1629.	4.6	27
5	Superparamagnetic amorphous iron oxide nanowires self-assembled into ordered layered structures. RSC Advances, 2015, 5, 62563-62570.	3.6	17
6	Locally Excited State Charge Transfer State Coupled Dyes as Optically Responsive Neuron Firing Probes. Chemistry - A European Journal, 2017, 23, 14639-14649.	3.3	12
7	Photocatalysis and self-catalyzed photobleaching with covalently-linked chromophore-quencher conjugates built around BOPHY. Photochemical and Photobiological Sciences, 2018, 17, 750-762.	2.9	12
8	A simple method for desymmetrizing 1,1'-ferrocenedicarboxaldehyde. Tetrahedron Letters, 2014, 55, 3777-3780.	1.4	8
9	Nonradiative Decay Channels for a Structurally-Distorted, Monostrapped BODIPY Derivative. Journal of Physical Chemistry A, 2018, 122, 9160-9170.	2.5	8
10	Hydrogen peroxide assisted photorelease of an anthraquinone-based ligand from $[\text{Ru}(\text{2,2}'\text{-bipyridine})_2(9,10\text{-dioxo-9,10-dihydroanthracen-1-olate})]\text{Cl}$ in aqueous solution. Dalton Transactions, 2020, 49, 13243-13252.	3.3	6
11	Synthesis, Molecular Structure and Properties of a Ferrocene-Based Difluoropyrrolo-Oxaborole Derivative. European Journal of Inorganic Chemistry, 2014, 2014, 6212-6219.	2.0	5
12	Enhanced in vivo Optical Imaging of the Inflammatory Response to Acute Liver Injury in C57BL/6 Mice Using a Highly Bright Near-Infrared BODIPY Dye. ChemMedChem, 2019, 14, 995-999.	3.2	5
13	An unprecedented oxidised julolidine-BODIPY conjugate and its application in real-time ratiometric fluorescence sensing of sulfite. Organic and Biomolecular Chemistry, 2019, 17, 7360-7368.	2.8	3
14	Voltage-induced fluorescence lifetime imaging of a BODIPY derivative in giant unilamellar vesicles as potential neuron membrane mimics. Chemical Communications, 2021, 57, 12631-12634.	4.1	3
15	Rosindone revisited: a computational and photophysical study of 7-phenylbenzo[a]phenazine-5(7H)-one (PBP). Photochemical and Photobiological Sciences, 2019, 18, 140-147.	2.9	2
16	Photocatalysed decolouration of indigo in solution via in situ generation of an organic hydroperoxide. Photochemical and Photobiological Sciences, 2019, 18, 2875-2883.	2.9	2
17	Challenges for large scale simulation: general discussion. Faraday Discussions, 2020, 224, 309-332.	3.2	2
18	New approaches to study excited states in density functional theory: general discussion. Faraday Discussions, 2020, 224, 483-508.	3.2	2

#	ARTICLE	IF	CITATIONS
19	Autocatalytic photodegradation of [Ru(II)(2,2'-bipyridine)2DAD]+ (DADH =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td Transactions, 2021, 50, 7640-7646.	3.3	1
20	Neutral Lipophilic Palladium(II) Complexes and their Applications in Electrocatalytic Hydrogen Production and C-C Coupling Reactions. European Journal of Inorganic Chemistry, 2020, 2020, 813-822.	2.0	1