

William Rodríguez-Cárdenas

List of Publications by Year in descending order

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28
papers

1,905
citations

361413

20
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

3051
citing authors

#	ARTICLE	IF	CITATIONS
1	Excited state dynamics and photochemistry of nitroaromatic compounds. <i>Chemical Communications</i> , 2021, 57, 12218-12235.	4.1	24
2	Unravelling the solvent polarity effect on the excited state intramolecular proton transfer mechanism of the 1- and 2-salicylideneanthrylamine. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 915-928.	2.8	25
3	A theoretical study of the photodynamics of salicylidene-2-anthrylamine in acetonitrile solution. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29399-29411.	2.8	10
4	Synthesis, characterization, X-ray crystal structure and DFT calculations of 4-([2,2':6',2''-terpyridin]-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	9.4	4
5	Absorption and Emission Spectra of Anthracene-9-Carboxylic Acid in Solution Within the Polarizable Continuum Model. <i>Advances in Quantum Chemistry</i> , 2016, 72, 61-94.	0.8	2
6	Ultrafast fluorescence study of the effect of carboxylic and carboxylate substituents on the excited state properties of anthracene. <i>Journal of Luminescence</i> , 2014, 145, 697-707.	3.1	9
7	Competitive One-Pot Reactions: Simultaneous Synthesis of Decahydroacridine-1,8-diones and 1,8-Dioxo-octahydroxanthenes and Photophysical Characterization. <i>Synthetic Communications</i> , 2014, 44, 648-659.	2.1	6
8	Exciton Localization and Dissociation Dynamics in CdS and CdSâ€“Pt Quantum Confined Nanorods: Effect of Nonuniform Rod Diameters. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14062-14069.	2.6	44
9	Dynamics of the Formation of a Charge Transfer State in 1,2-Bis(9-anthryl)acetylene in Polar Solvents: Symmetry Reduction with the Participation of an Intramolecular Torsional Coordinate. <i>Journal of Physical Chemistry B</i> , 2013, 117, 12175-12183.	2.6	31
10	An Inorganic Chromophore Based on a Molecular Oxide Supported Metal Carbonyl Cluster: [P2W17O61{Re(CO)3}3{ORb(H2O)}(1/43-OH)]9â€“. <i>Inorganic Chemistry</i> , 2013, 52, 13490-13495.	4.0	24
11	Vibrational relaxation dynamics of catalysts on TiO2 Rutile (110) single crystal surfaces and anatase nanoporous thin films. <i>Chemical Physics</i> , 2013, 422, 264-271.	1.9	24
12	Electron Transfer Dynamics in Semiconductorâ€“Chromophoreâ€“Polyoxometalate Catalyst Photoanodes. <i>Journal of Physical Chemistry C</i> , 2013, 117, 918-926.	3.1	108
13	Interfacial Charge Separation and Recombination in InP and Quasi-Type II InP/CdS Core/Shell Quantum Dot-Molecular Acceptor Complexes. <i>Journal of Physical Chemistry A</i> , 2013, 117, 7561-7570.	2.5	76
14	Ultrafast Excited State Dynamics of Allopurinol, a Modified DNA Base. <i>Journal of Physical Chemistry A</i> , 2013, 117, 898-904.	2.5	6
15	Ultrafast Vibrational Relaxation Dynamics of a Rhenium Bipyridyl CO₂â€“Reduction Catalyst at a Au Electrode Surface Probed by Time-Resolved Vibrational Sum Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2012, 116, 26377-26384.	3.1	35
16	Strong Electronic Coupling and Ultrafast Electron Transfer between PbS Quantum Dots and TiO₂ Nanocrystalline Films. <i>Nano Letters</i> , 2012, 12, 303-309.	9.1	130
17	Wave Function Engineering for Efficient Extraction of up to Nineteen Electrons from One CdSe/CdS Quasi-Type II Quantum Dot. <i>Journal of the American Chemical Society</i> , 2012, 134, 4250-4257.	13.7	205
18	In situ probe of photocarrier dynamics in water-splitting hematite (Î±-Fe2O3) electrodes. <i>Energy and Environmental Science</i> , 2012, 5, 8923.	30.8	121

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19	Photoinduced Energy Transfer in Bichromophoric Pyrene-PPV Oligomer Systems: The Role of Flexible Donor-Acceptor Bridges. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3490-3503.	2.6	9
20	Multiple Exciton Generation and Dissociation in PbS Quantum Dot-Electron Acceptor Complexes. <i>Nano Letters</i> , 2012, 12, 4235-4241.	9.1	105
21	Ultrafast Charge Separation and Long-Lived Charge Separated State in Photocatalytic Cd-Pt Nanorod Heterostructures. <i>Journal of the American Chemical Society</i> , 2012, 134, 10337-10340.	13.7	459
22	Ultrafast Photosensitization of Phthalocyanines through Their Axial Ligands. <i>Journal of the American Chemical Society</i> , 2011, 133, 4698-4701.	13.7	30
23	Ultrafast Charge Separation and Recombination Dynamics in Lead Sulfide Quantum Dot-Methylene Blue Complexes Probed by Electron and Hole Intraband Transitions. <i>Journal of the American Chemical Society</i> , 2011, 133, 9246-9249.	13.7	108
24	Synthesis and Characterization of a Metal-to-Polyoxometalate Charge Transfer Molecular Chromophore. <i>Journal of the American Chemical Society</i> , 2011, 133, 20134-20137.	13.7	81
25	Primary Photochemistry of Nitrated Aromatic Compounds: Excited-State Dynamics and NO [•] Dissociation from 9-Nitroanthracene. <i>Journal of Physical Chemistry A</i> , 2011, 115, 577-585.	2.5	58
26	Role of Upper Triplet States on the Photophysics of Nitrated Polyaromatic Compounds: S ₁ Lifetimes of Singly Nitrated Pyrenes. <i>Journal of Physical Chemistry A</i> , 2011, 115, 9782-9789.	2.5	55
27	Controlling interfacial charge separation and recombination dynamics in QDs by wave function engineering. <i>Proceedings of SPIE</i> , 2011, , .	0.8	4
28	Excited State Intramolecular Proton Transfer in Schiff Bases. Decay of the Locally Excited Enol State Observed by Femtosecond Resolved Fluorescence. <i>Journal of Physical Chemistry A</i> , 2007, 111, 6241-6247.	2.5	112