

# Felix Castellano

## List of Publications by Year in descending order

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252  
papers

17,067  
citations

9786

73  
h-index

18130

120  
g-index

263  
all docs

263  
docs citations

263  
times ranked

11904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photophysics. , 2022, , 9-28.		1
2	A biohybrid strategy for enabling photoredox catalysis with low-energy light. <i>CheM</i> , 2022, 8, 174-185.	11.7	26
3	CsPbI <sub>3</sub> Nanocrystals Go with the Flow: From Formation Mechanism to Continuous Nanomanufacturing. <i>Advanced Functional Materials</i> , 2022, 32, 2108687.	14.9	21
4	CsPbI <sub>3</sub> Nanocrystals Go with the Flow: From Formation Mechanism to Continuous Nanomanufacturing ( <i>Adv. Funct. Mater.</i> 6/2022). <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	0
5	Copper(II)-photocatalyzed decarboxylative oxygenation of carboxylic acids. <i>Chemical Communications</i> , 2022, 58, 4456-4459.	4.1	31
6	Engineering Long-Lived Blue Photoluminescence from InP Quantum Dots Using Isomers of Naphthoic Acid. <i>Journal of the American Chemical Society</i> , 2022, 144, 3527-3534.	13.7	10
7	Metal-to-Ligand Charge Transfer in Pt(II) Dimers Bridged by Pyridyl and Quinoline Thiols. <i>Inorganic Chemistry</i> , 2022, 61, 121-130.	4.0	16
8	Thermally Activated Bright-State Delayed Blue Photoluminescence from InP Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2022, , 3706-3711.	4.6	2
9	A Unified Approach to Decarboxylative Halogenation of (Hetero)aryl Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2022, 144, 8296-8305.	13.7	67
10	Long-Lived Photoluminescence of Molecular Group 14 Compounds through Thermally Activated Delayed Fluorescence. <i>Inorganic Chemistry</i> , 2022, 61, 7338-7348.	4.0	14
11	Real-Time and <i>In Situ</i> Viscosity Monitoring in Industrial Adhesives Using Luminescent Cu(I) Phenanthroline Molecular Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 33976-33983.	8.0	0
12	Accessing the triplet manifold of naphthalene benzimidazole-phenanthroline in rhenium(III) bichromophores. <i>Dalton Transactions</i> , 2021, 50, 13086-13095.	3.3	8
13	Low power threshold photochemical upconversion using a zirconium(IV) LMCT photosensitizer. <i>Chemical Science</i> , 2021, 12, 9069-9077.	7.4	63
14	Shallow distance-dependent triplet energy migration mediated by endothermic charge-transfer. <i>Nature Communications</i> , 2021, 12, 1532.	12.8	33
15	Controlling Thermally Activated Delayed Photoluminescence in CdSe Quantum Dots through Triplet Acceptor Surface Coverage. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3718-3723.	4.6	18
16	The chemical landscape of Chemical Physics Reviews. <i>Chemical Physics Reviews</i> , 2021, 2, 020401.	5.7	0
17	Next Generation Cuprous Phenanthroline MLCT Photosensitizer Featuring Cyclohexyl Substituents. <i>Inorganic Chemistry</i> , 2021, 60, 8394-8403.	4.0	31
18	Ultrafast Excited-State Dynamics of Photoluminescent Pt(II) Dimers Probed by a Coherent Vibrational Wavepacket. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6794-6803.	4.6	23

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19	Passivation of Electron Trap States in InP Quantum Dots with Benzoic Acid Ligands. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18362-18371.	3.1	12
20	Photodriven Elimination of Chlorine From Germanium and Platinum in a Dinuclear Pt II $\hat{\text{a}}^{\text{t}}$ Ge IV Complex. <i>Angewandte Chemie</i> , 2021, 133, 22526-22532.	2.0	3
21	Photodriven Elimination of Chlorine From Germanium and Platinum in a Dinuclear Pt <sup>II</sup> Ge <sup>IV</sup> Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22352-22358.	13.8	9
22	Excited-State Bond Contraction and Charge Migration in a Platinum Dimer Complex Characterized by X-ray and Optical Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2021, 125, 8891-8898.	2.5	11
23	Continuous biphasic chemical processes in a four-phase segmented flow reactor. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1367-1375.	3.7	4
24	Understanding the influence of geometric and electronic structure on the excited state dynamical and photoredox properties of perinone chromophores. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 24200-24210.	2.8	5
25	General Design Rules for Bimetallic Platinum(II) Complexes. <i>Journal of Physical Chemistry A</i> , 2021, 125, 9438-9449.	2.5	7
26	Photochemical H <sub>2</sub> Evolution from Bis(diphosphine)nickel Hydrides Enables Low-Overpotential Electrocatalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 21388-21401.	13.7	10
27	Mechanisms of triplet energy transfer across the inorganic nanocrystal/organic molecule interface. <i>Nature Communications</i> , 2020, 11, 28.	12.8	127
28	Photophysics and ultrafast processes in rhenium( $\kappa^2$ ) diimine dicarbonyls. <i>Dalton Transactions</i> , 2020, 49, 11565-11576.	3.3	12
29	Visible-Light-Initiated Free-Radical Polymerization by Homomolecular Triplet-Triplet Annihilation. <i>CheM</i> , 2020, 6, 3071-3085.	11.7	54
30	Controllable solute-diffusion gel-growth of BCHT: an effective approach towards large functional material single crystal synthesis. <i>CrystEngComm</i> , 2020, 22, 5954-5960.	2.6	1
31	Photochemical Upconversion in Water Using Cu(I) MLCT Excited States: Role of Energy Shuttling at the Micellar/Water Interface. <i>ACS Applied Energy Materials</i> , 2020, 3, 12557-12564.	5.1	12
32	Vibronic and excitonic dynamics in perylenediimide dimers and tetramer. <i>Journal of Chemical Physics</i> , 2020, 153, 224101.	3.0	4
33	TIPS-pentacene triplet exciton generation on PbS quantum dots results from indirect sensitization. <i>Chemical Science</i> , 2020, 11, 5690-5696.	7.4	19
34	Energy Migration Processes in Re(I) MLCT Complexes Featuring a Chromophoric Ancillary Ligand. <i>Inorganic Chemistry</i> , 2020, 59, 8259-8271.	4.0	10
35	Visible-Light-Driven Triplet Sensitization of Polycyclic Aromatic Hydrocarbons Using Thionated Perinones. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5092-5099.	4.6	23
36	On the Quantum Yield of Photon Upconversion via Triplet-Triplet Annihilation. <i>ACS Energy Letters</i> , 2020, 5, 2322-2326.	17.4	137

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37	Thermally Activated Delayed Photoluminescence: Deterministic Control of Excited-State Decay. <i>Journal of the American Chemical Society</i> , 2020, 142, 10883-10893.	13.7	32
38	Direct Evidence of Visible Light-Induced Homolysis in Chlorobis(2,9-dimethyl-1,10-phenanthroline)copper(II). <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5345-5349.	4.6	43
39	Delayed fluorescence from a zirconium(IV) photosensitizer with ligand-to-metal charge-transfer excited states. <i>Nature Chemistry</i> , 2020, 12, 345-352.	13.6	144
40	<sup>3</sup> d-d Excited States of Ni(II) Complexes Relevant to Photoredox Catalysis: Spectroscopic Identification and Mechanistic Implications. <i>Journal of the American Chemical Society</i> , 2020, 142, 5800-5810.	13.7	168
41	Ligand-triplet migration in iridium(III) cyclometalates featuring $\pi$ -conjugated isocyanide ligands. <i>Dalton Transactions</i> , 2020, 49, 9995-10002.	3.3	9
42	A Robust Visible-Light-Harvesting Cyclometalated Ir(III) Diimine Sensitizer for Homogeneous Photocatalytic Hydrogen Production. <i>ACS Applied Energy Materials</i> , 2020, 3, 1842-1853.	5.1	30
43	Towards radiation detection using Cs <sub>2</sub> AgBiBr <sub>6</sub> double perovskite single crystals. <i>Materials Letters</i> , 2020, 269, 127667.	2.6	29
44	Fast X-ray detectors based on bulk $\hat{\Gamma}^2$ -Ga <sub>2</sub> O <sub>3</sub> (Fe). <i>Journal of Materials Science</i> , 2020, 55, 9461-9469.	3.7	20
45	Welcome to the Debut of Chemical Physics Reviews. <i>Chemical Physics Reviews</i> , 2020, 1, 010401.	5.7	0
46	Excited-State Triplet Equilibria in a Series of Re(I)-Naphthalimide Bichromophores. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7611-7627.	2.6	23
47	Optical and electrical properties of all-inorganic Cs <sub>2</sub> AgBiBr <sub>6</sub> double perovskite single crystals. <i>RSC Advances</i> , 2019, 9, 23459-23464.	3.6	25
48	Resolving the ultrafast intersystem crossing in a bimetallic platinum complex. <i>Journal of Chemical Physics</i> , 2019, 151, 114303.	3.0	19
49	Low temperature cathodoluminescence study of Fe-doped $\hat{\Gamma}^2$ -Ga <sub>2</sub> O <sub>3</sub> . <i>Materials Letters</i> , 2019, 257, 126744.	2.6	20
50	Realization of high-efficiency fluorescent organic light-emitting diodes with low driving voltage. <i>Nature Communications</i> , 2019, 10, 2305.	12.8	77
51	Photophysical Processes in Rhenium(I) Diiminetricarbonyl Arylisocyanides Featuring Three Interacting Triplet Excited States. <i>Inorganic Chemistry</i> , 2019, 58, 8750-8762.	4.0	24
52	Perovskite Quantum Dots: Facile Room-Temperature Anion Exchange Reactions of Inorganic Perovskite Quantum Dots Enabled by a Modular Microfluidic Platform ( <i>Adv. Funct. Mater.</i> 23/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970157.	14.9	2
53	Degradation Mechanism in Cu(In,Ga)Se <sub>2</sub> Material and Solar Cells Due to Moisture and Heat Treatment of the Absorber Layer. <i>IEEE Journal of Photovoltaics</i> , 2019, 9, 1138-1143.	2.5	17
54	Facile Room-Temperature Anion Exchange Reactions of Inorganic Perovskite Quantum Dots Enabled by a Modular Microfluidic Platform. <i>Advanced Functional Materials</i> , 2019, 29, 1900712.	14.9	84

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55	Analysis of Recombination Mechanisms in RbF-Treated CIGS Solar Cells. <i>IEEE Journal of Photovoltaics</i> , 2019, 9, 313-318.	2.5	58
56	Positional Effects from $\delta$ -Bonded Platinum(II) on Intersystem Crossing Rates in Perylenediimide Complexes: Synthesis, Structures, and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13848-13862.	3.1	18
57	Ultrafast Dynamics of the Metal-to-Ligand Charge Transfer Excited States of Ir(III) Proteo and Deutero Dihydrides. <i>Journal of Physical Chemistry A</i> , 2018, 122, 4430-4436.	2.5	7
58	Role of Vibrational Dynamics on Excited-State Electronic Coherence in a Binuclear Platinum Complex. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5071-5077.	2.5	10
59	Enhancing the Visible-Light Absorption and Excited-State Properties of Cu(I) MLCT Excited States. <i>Inorganic Chemistry</i> , 2018, 57, 2296-2307.	4.0	53
60	Excited-State Processes of Cyclometalated Platinum(II) Charge-Transfer Dimers Bridged by Hydroxypyridines. <i>Inorganic Chemistry</i> , 2018, 57, 1298-1310.	4.0	43
61	Nanocrystals for Triplet Sensitization: Molecular Behavior from Quantum-Confined Materials. <i>Inorganic Chemistry</i> , 2018, 57, 2351-2359.	4.0	43
62	Diastereomerically Differentiated Excited State Behavior in Ruthenium(II) Hexafluoroacetylacetonate Complexes of Diphenyl Thioindigo Diimine. <i>Inorganic Chemistry</i> , 2018, 57, 1386-1397.	4.0	8
63	Thermally activated delayed photoluminescence from pyrenyl-functionalized CdSe quantum dots. <i>Nature Chemistry</i> , 2018, 10, 225-230.	13.6	129
64	Coherent Vibrational Wavepacket Dynamics in Platinum(II) Dimers and Their Implications. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14195-14204.	3.1	35
65	Long-lived triplet excited state in a platinum(ii) perylene monoimide complex. <i>Dalton Transactions</i> , 2018, 47, 15071-15081.	3.3	16
66	Bathophenanthroline Disulfonate Ligand-Induced Self-Assembly of Ir(III) Complexes in Water: An Intriguing Class of Photoluminescent Soft Materials. <i>ACS Omega</i> , 2018, 3, 14027-14038.	3.5	2
67	Excited-State Switching between Ligand-Centered and Charge Transfer Modulated by Metal-Carbon Bonds in Cyclopentadienyl Iridium Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 15445-15461.	4.0	12
68	Temperature dependence of photophysical properties of a dinuclear C <sup>N</sup> -cyclometalated Pt( $\lambda$ -scp) complex with an intimate Pt-Pt contact. Zero-field splitting and sub-state decay rates of the lowest triplet. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25096-25104.	2.8	13
69	Energy Transfer Dynamics in Triplet-Triplet Annihilation Upconversion Using a Bichromophoric Heavy-Atom-Free Sensitizer. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6673-6682.	2.5	40
70	Special Section Guest Editorial: Spectral Management for Renewable Energy Conversion. <i>Journal of Photonics for Energy</i> , 2018, 8, 1.	1.3	0
71	Effect of Polymer-Fullerene Interaction on the Dielectric Properties of the Blend. <i>Advanced Energy Materials</i> , 2017, 7, 1601947.	19.5	51
72	Can Excited State Electronic Coherence Be Tuned via Molecular Structural Modification? A First-Principles Quantum Electronic Dynamics Study of Pyrazolate-Bridged Pt(II) Dimers. <i>Journal of Physical Chemistry A</i> , 2017, 121, 1932-1939.	2.5	15

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73	Photoinduced structural distortions and singlet $\rightarrow$ triplet intersystem crossing in Cu( $\text{I}$ ) MLCT excited states monitored by optically gated fluorescence spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16662-16668.	2.8	19
74	Charge Localization after Ultrafast Photoexcitation of a Rigid Perylene Perylenediimide Dyad Visualized by Transient Stark Effect. <i>Journal of the American Chemical Society</i> , 2017, 139, 5530-5537.	13.7	33
75	Making iron glow. <i>Nature</i> , 2017, 543, 627-628.	27.8	5
76	Delayed Molecular Triplet Generation from Energized Lead Sulfide Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1458-1463.	4.6	78
77	Efficient Generation of Long-Lived Triplet Excitons in 2D Hybrid Perovskite. <i>Advanced Materials</i> , 2017, 29, 1604278.	21.0	81
78	Photochemical upconversion in water. <i>Chemical Communications</i> , 2017, 53, 11705-11708.	4.1	37
79	Efficient Phosphorescence from Naphthalenebenzimidazole-Coordinated Iridium(III) Chromophores. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5238-5245.	2.0	14
80	Tuning interfacial spin filters from metallic to resistive within a single organic semiconductor family. <i>Physical Review B</i> , 2017, 95, .	3.2	8
81	Restricted Photoinduced Conformational Change in the Cu(I) Complex for Sensing Mechanical Properties. <i>ACS Macro Letters</i> , 2017, 6, 920-924.	4.8	12
82	Homogeneous Photocatalytic $\text{H}_2$ Production Using a Ru(II) Bathophenanthroline Metal-Ligand Charge-Transfer Photosensitizer. <i>ChemPlusChem</i> , 2016, 81, 1090-1097.	2.8	20
83	Editorial for the ACS Select Virtual Issue on Emerging Investigators in Inorganic Photochemistry and Photophysics. <i>Inorganic Chemistry</i> , 2016, 55, 12483-12487.	4.0	2
84	Materials Integrating Photochemical Upconversion. <i>Topics in Current Chemistry</i> , 2016, 374, 19.	5.8	28
85	Enhanced photophysics from self-assembled cyclometalated Ir(III) complexes in water. <i>Chemical Communications</i> , 2016, 52, 7846-7849.	4.1	19
86	1-Pyrenyl- and 3-Perylenyl-antimony(V) Derivatives for the Fluorescence Turn-On Sensing of Fluoride Ions in Water at Sub-ppm Concentrations. <i>Organometallics</i> , 2016, 35, 1854-1860.	2.3	65
87	Cuprous Phenanthroline MLCT Chromophore Featuring Synthetically Tailored Photophysics. <i>Inorganic Chemistry</i> , 2016, 55, 10628-10636.	4.0	51
88	Liquid PEG Polymers Containing Antioxidants: A Versatile Platform for Studying Oxygen-Sensitive Photochemical Processes. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 24038-24048.	8.0	43
89	Butterfly Deformation Modes in a Photoexcited Pyrazolate-Bridged Pt Complex Measured by Time-Resolved X-Ray Scattering in Solution. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7475-7483.	2.5	34
90	Homogeneous Photocatalytic $\text{H}_2$ Production Using a Ru(II) Bathophenanthroline Metal-Ligand Charge-Transfer Photosensitizer. <i>ChemPlusChem</i> , 2016, 81, 1016-1016.	2.8	3

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91	Exposing the Excited-State Equilibrium in an Ir <sup>III</sup> Bichromophore: A Combined Time Resolved Spectroscopy and Computational Study. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1808-1818.	2.0	34
92	Direct observation of triplet energy transfer from semiconductor nanocrystals. <i>Science</i> , 2016, 351, 369-372.	12.6	336
93	Tunable Excited-State Properties and Dynamics as a Function of Pt-Pt Distance in Pyrazolate-Bridged Pt(II) Dimers. <i>Journal of Physical Chemistry A</i> , 2016, 120, 543-550.	2.5	52
94	Coherent Spectroscopy of PDI-based Artificial Light-Harvesting Antenna. , 2016, , .		1
95	Efficient Visible to Near-UV Photochemical Upconversion Sensitized by a Long Lifetime Cu(I) MLCT Complex. <i>Inorganic Chemistry</i> , 2015, 54, 6035-6042.	4.0	46
96	Photon upconversion sensitized by a Ru(II)-pyrenyl chromophore. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140322.	3.4	10
97	Sensing of 2,4,6-Trinitrotoluene (TNT) and 2,4-Dinitrotoluene (2,4-DNT) in the Solid State with Photoluminescent Ru <sup>II</sup> and Ir <sup>III</sup> Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 4056-4064.	3.3	33
98	Altering Molecular Photophysics by Merging Organic and Inorganic Chromophores. <i>Accounts of Chemical Research</i> , 2015, 48, 828-839.	15.6	97
99	Photochemical upconversion and triplet annihilation limit from a boron dipyrromethene emitter. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1265-1270.	2.9	12
100	Parallelization of photocatalytic gas-producing reactions. <i>Review of Scientific Instruments</i> , 2015, 86, 034101.	1.3	6
101	Transient Absorption Dynamics of Sterically Congested Cu(I) MLCT Excited States. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3181-3193.	2.5	102
102	Near-Infrared-to-Visible Photon Upconversion Enabled by Conjugated Porphyrinic Sensitizers under Low-Power Noncoherent Illumination. <i>Journal of Physical Chemistry A</i> , 2015, 119, 5642-5649.	2.5	33
103	MLCT sensitizers in photochemical upconversion: past, present, and potential future directions. <i>Dalton Transactions</i> , 2015, 44, 17906-17910.	3.3	32
104	Bioinspired design of redox-active ligands for multielectron catalysis: effects of positioning pyrazine reservoirs on cobalt for electro- and photocatalytic generation of hydrogen from water. <i>Chemical Science</i> , 2015, 6, 4954-4972.	7.4	99
105	Tetrahedral rigid core antenna chromophores bearing bay-substituted perylene diimides. <i>Tetrahedron</i> , 2015, 71, 9519-9527.	1.9	10
106	Excited State Equilibrium Induced Lifetime Extension in a Dinuclear Platinum(II) Complex. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10391-10399.	2.5	44
107	Triplet State Formation in Homo- and Heterometallic Diketopyrrolopyrrole Chromophores. <i>Inorganic Chemistry</i> , 2014, 53, 12564-12571.	4.0	15
108	Intramolecular radiationless transitions dominate exciton relaxation dynamics. <i>Chemical Physics Letters</i> , 2014, 599, 23-33.	2.6	38

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109	Light-Driven Hydrogen Evolution by BODIPY-Sensitized Cobaloxime Catalysts. <i>Inorganic Chemistry</i> , 2014, 53, 4527-4534.	4.0	72
110	Texaphyrin sensitized near-IR-to-visible photon upconversion. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 813-819.	2.9	29
111	Advances in the light conversion properties of Cu(I)-based photosensitizers. <i>Polyhedron</i> , 2014, 82, 57-70.	2.2	143
112	Photochemical Upconversion: The Primacy of Kinetics. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 4062-4072.	4.6	229
113	Red-to-Blue/Cyan/Green Upconverting Microcapsules for Aqueous- and Dry-Phase Color Tuning and Magnetic Sorting. <i>ACS Photonics</i> , 2014, 1, 382-388.	6.6	66
114	Towards a comprehensive understanding of visible-light photogeneration of hydrogen from water using cobalt(II) polypyridyl catalysts. <i>Energy and Environmental Science</i> , 2014, 7, 1477-1488.	30.8	200
115	Mono- and Dinuclear Cationic Iridium(III) Complexes Bearing a 2,5-Dipyridylpyrazine (2,5-dpp) Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 8495-8504.	4.0	67
116	Charge-Transfer and Ligand-Localized Photophysics in Luminescent Cyclometalated Pyrazolate-Bridged Dinuclear Platinum(II) Complexes. <i>Organometallics</i> , 2013, 32, 3819-3829.	2.3	92
117	Tracking of Tuning Effects in Bis-Cyclometalated Iridium Complexes: A Combined Time Resolved Infrared Spectroscopy, Electrochemical, and Computational Study. <i>Inorganic Chemistry</i> , 2013, 52, 8795-8804.	4.0	30
118	Ranking Solvent Interactions and Dielectric Constants with [Pt(mesBIAN)(tda)]: A Cautionary Tale for Polarity Determinations in Ionic Liquids. <i>ChemPhysChem</i> , 2013, 14, 1025-1030.	2.1	9
119	Catalytic proton reduction with transition metal complexes of the redox-active ligand bpy2PYMe. <i>Chemical Science</i> , 2013, 4, 3934.	7.4	166
120	Ultrafast Photoinduced Electron Transfer in Viologen-Linked BODIPY Dyes. <i>ChemPhysChem</i> , 2013, 14, 3348-3354.	2.1	25
121	Structural Refinement of Ladder-Type Perylenediimide Dimers: A Classical Tale of Conformational Dynamics. <i>Journal of Organic Chemistry</i> , 2013, 78, 8634-8644.	3.2	14
122	Robust Cuprous Phenanthroline Sensitizer for Solar Hydrogen Photocatalysis. <i>Journal of the American Chemical Society</i> , 2013, 135, 14068-14070.	13.7	149
123	Near-IR phosphorescent metalloporphyrin as a photochemical upconversion sensitizer. <i>Chemical Communications</i> , 2013, 49, 7406.	4.1	61
124	Diarylpyrenes vs. diaryltetrahydropyrenes: Crystal structures, fluorescence, and upconversion photochemistry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 272, 49-57.	3.9	13
125	Photochemical Upconversion: A Physical or Inorganic Chemistry Experiment for Undergraduates Using a Conventional Fluorimeter. <i>Journal of Chemical Education</i> , 2013, 90, 786-789.	2.3	13
126	Toward Organic Photohydrides: Excited-State Behavior of 10-Methyl-9-phenyl-9,10-dihydroacridine. <i>Journal of Physical Chemistry B</i> , 2013, 117, 15290-15296.	2.6	20



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127	Design of a Long-Lifetime, Earth-Abundant, Aqueous Compatible Cu(I) Photosensitizer Using Cooperative Steric Effects. <i>Inorganic Chemistry</i> , 2013, 52, 8114-8120.	4.0	161
128	Improving the Catalytic Activity of Semiconductor Nanocrystals through Selective Domain Etching. <i>Nano Letters</i> , 2013, 13, 2016-2023.	9.1	84
129	Orange-to-blue and red-to-green photon upconversion with a broadband absorbing copper(i) MLCT sensitizer. <i>Chemical Communications</i> , 2013, 49, 3537.	4.1	45
130	Annihilation Limit of a Visible-to-UV Photon Upconversion Composition Ascertained from Transient Absorption Kinetics. <i>Journal of Physical Chemistry A</i> , 2013, 117, 4412-4419.	2.5	71
131	Getting to the (Square) Root of the Problem: How to Make Noncoherent Pumped Upconversion Linear. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 299-303.	4.6	279
132	Photocatalytic Hydrogen Production at Titania-Supported Pt Nanoclusters That Are Derived from Surface-Anchored Molecular Precursors. <i>Journal of Physical Chemistry C</i> , 2012, 116, 1429-1438.	3.1	31
133	Photocatalytic Activity of Core/Shell Semiconductor Nanocrystals Featuring Spatial Separation of Charges. <i>Journal of Physical Chemistry C</i> , 2012, 116, 22786-22793.	3.1	38
134	Structure and Activity of Photochemically Deposited $\alpha$ -CoPi-Oxygen Evolving Catalyst on Titania. <i>ACS Catalysis</i> , 2012, 2, 2150-2160.	11.2	60
135	Dondorff Rings: Synthesis, Isolation, and Properties of 60 $\text{\AA}$ -Directed Bisterpyridine-Based Folded Tetramers. <i>Chemistry - A European Journal</i> , 2012, 18, 11569-11572.	3.3	30
136	Back Cover: Dondorff Rings: Synthesis, Isolation, and Properties of 60 $\text{\AA}$ -Directed Bisterpyridine-Based Folded Tetramers ( <i>Chem. Eur. J.</i> 37/2012). <i>Chemistry - A European Journal</i> , 2012, 18, 11840-11840.	3.3	0
137	Upconversion-powered photoelectrochemistry. <i>Chemical Communications</i> , 2012, 48, 209-211.	4.1	261
138	Stibonium Ions for the Fluorescence Turn-On Sensing of $\text{F}^{-}$ in Drinking Water at Parts per Million Concentrations. <i>Journal of the American Chemical Society</i> , 2012, 134, 15309-15311.	13.7	156
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