

Felix N Castellano

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

220
papers

14,113
citations

69
h-index

111
g-index

230
ext. papers

15,313
ext. citations

7.2
avg, IF

6.93
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 220 | Photophysics 2022 , 9-28 | | |
| 219 | Copper(II)-photocatalyzed decarboxylative oxygenation of carboxylic acids.. <i>Chemical Communications</i> , 2022 , | 5.8 | 5 |
| 218 | Engineering Long-Lived Blue Photoluminescence from InP Quantum Dots Using Isomers of Naphthoic Acid.. <i>Journal of the American Chemical Society</i> , 2022 , | 16.4 | 3 |
| 217 | Thermally Activated Bright-State Delayed Blue Photoluminescence from InP Quantum Dots.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 3706-3711 | 6.4 | |
| 216 | 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 | 3.6 | 2 |
| 215 | General Design Rules for Bimetallic Platinum(II) Complexes. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 9438-9449 | 2.8 | 2 |
| 214 | Shallow distance-dependent triplet energy migration mediated by endothermic charge-transfer. <i>Nature Communications</i> , 2021 , 12, 1532 | 17.4 | 14 |
| 213 | 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 | 6.4 | 11 |
| 212 | Next Generation Cuprous Phenanthroline MLCT Photosensitizer Featuring Cyclohexyl Substituents. <i>Inorganic Chemistry</i> , 2021 , 60, 8394-8403 | 5.1 | 4 |
| 211 | 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 | 6.4 | 9 |
| 210 | Accessing the triplet manifold of naphthalene benzimidazole-phenanthroline in rhenium(I) bichromophores. <i>Dalton Transactions</i> , 2021 , 50, 13086-13095 | 4.3 | 1 |
| 209 | Low power threshold photochemical upconversion using a zirconium(IV) LMCT photosensitizer. <i>Chemical Science</i> , 2021 , 12, 9069-9077 | 9.4 | 22 |
| 208 | Passivation of Electron Trap States in InP Quantum Dots with Benzoic Acid Ligands. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 18362-18371 | 3.8 | 7 |
| 207 | Photodriven Elimination of Chlorine From Germanium and Platinum in a Dinuclear Pt(II)-Ge(IV) Complex. <i>Angewandte Chemie</i> , 2021 , 133, 22526-22532 | 3.6 | 0 |
| 206 | Photodriven Elimination of Chlorine From Germanium and Platinum in a Dinuclear Pt-Ge Complex. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22352-22358 | 16.4 | 1 |
| 205 | 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 | 2.8 | 2 |
| 204 | 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 | 6.1 | 2 |

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| 203 | Vibronic and excitonic dynamics in perylene diimide dimers and tetramer. <i>Journal of Chemical Physics</i> , 2020 , 153, 224101 | 3.9 | 2 |
| 202 | TIPS-pentacene triplet exciton generation on PbS quantum dots results from indirect sensitization. <i>Chemical Science</i> , 2020 , 11, 5690-5696 | 9.4 | 13 |
| 201 | Energy Migration Processes in Re(I) MLCT Complexes Featuring a Chromophoric Ancillary Ligand. <i>Inorganic Chemistry</i> , 2020 , 59, 8259-8271 | 5.1 | 3 |
| 200 | Visible-Light-Driven Triplet Sensitization of Polycyclic Aromatic Hydrocarbons Using Thionated Perinones. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 5092-5099 | 6.4 | 13 |
| 199 | On the Quantum Yield of Photon Upconversion via Triplet-Triplet Annihilation. <i>ACS Energy Letters</i> , 2020 , 5, 2322-2326 | 20.1 | 77 |
| 198 | Thermally Activated Delayed Photoluminescence: Deterministic Control of Excited-State Decay. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10883-10893 | 16.4 | 17 |
| 197 | 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 | 6.4 | 28 |
| 196 | Delayed fluorescence from a zirconium(IV) photosensitizer with ligand-to-metal charge-transfer excited states. <i>Nature Chemistry</i> , 2020 , 12, 345-352 | 17.6 | 72 |
| 195 | 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 | 16.4 | 79 |
| 194 | Ligand-triplet migration in iridium(III) cyclometalates featuring π -conjugated isocyanide ligands. <i>Dalton Transactions</i> , 2020 , 49, 9995-10002 | 4.3 | 5 |
| 193 | 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 | 6.1 | 17 |
| 192 | Mechanisms of triplet energy transfer across the inorganic nanocrystal/organic molecule interface. <i>Nature Communications</i> , 2020 , 11, 28 | 17.4 | 79 |
| 191 | Photophysics and ultrafast processes in rhenium(I) diimine dicarbonyls. <i>Dalton Transactions</i> , 2020 , 49, 11565-11576 | 4.3 | 5 |
| 190 | Visible-Light-Initiated Free-Radical Polymerization by Homomolecular Triplet-Triplet Annihilation. <i>Chem</i> , 2020 , 6, 3071-3085 | 16.2 | 19 |
| 189 | Resolving the ultrafast intersystem crossing in a bimetallic platinum complex. <i>Journal of Chemical Physics</i> , 2019 , 151, 114303 | 3.9 | 13 |
| 188 | Realization of high-efficiency fluorescent organic light-emitting diodes with low driving voltage. <i>Nature Communications</i> , 2019 , 10, 2305 | 17.4 | 48 |
| 187 | Photophysical Processes in Rhenium(I) Diiminetricarbonyl Arylisocyanides Featuring Three Interacting Triplet Excited States. <i>Inorganic Chemistry</i> , 2019 , 58, 8750-8762 | 5.1 | 17 |
| 186 | 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 | 15.6 | 62 |

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|-----|--|------|-----|
| 185 | Excited-State Triplet Equilibria in a Series of Re(I)-Naphthalimide Bichromophores. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 7611-7627 | 3.4 | 14 |
| 184 | Positional Effects from π -Bonded Platinum(II) on Intersystem Crossing Rates in Perylene-diimide Complexes: Synthesis, Structures, and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 13848-13862 | 3.8 | 13 |
| 183 | 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 | 2.8 | 5 |
| 182 | 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 | 2.8 | 8 |
| 181 | Enhancing the Visible-Light Absorption and Excited-State Properties of Cu(I) MLCT Excited States. <i>Inorganic Chemistry</i> , 2018 , 57, 2296-2307 | 5.1 | 33 |
| 180 | Excited-State Processes of Cyclometalated Platinum(II) Charge-Transfer Dimers Bridged by Hydroxypyridines. <i>Inorganic Chemistry</i> , 2018 , 57, 1298-1310 | 5.1 | 29 |
| 179 | Nanocrystals for Triplet Sensitization: Molecular Behavior from Quantum-Confined Materials. <i>Inorganic Chemistry</i> , 2018 , 57, 2351-2359 | 5.1 | 35 |
| 178 | Diastereomerically Differentiated Excited State Behavior in Ruthenium(II) Hexafluoroacetylacetonate Complexes of Diphenyl Thioindigo Diimine. <i>Inorganic Chemistry</i> , 2018 , 57, 1386-1397 | 5.1 | 8 |
| 177 | Thermally activated delayed photoluminescence from pyrenyl-functionalized CdSe quantum dots. <i>Nature Chemistry</i> , 2018 , 10, 225-230 | 17.6 | 101 |
| 176 | Coherent Vibrational Wavepacket Dynamics in Platinum(II) Dimers and Their Implications. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 14195-14204 | 3.8 | 24 |
| 175 | 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 | 2.8 | 27 |
| 174 | Long-lived triplet excited state in a platinum(II) perylene monoimide complex. <i>Dalton Transactions</i> , 2018 , 47, 15071-15081 | 4.3 | 10 |
| 173 | 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 | 3.9 | 0 |
| 172 | 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 | 5.1 | 10 |
| 171 | Temperature dependence of photophysical properties of a dinuclear C ^N -cyclometalated Pt(II) 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 | 3.6 | 9 |
| 170 | Effect of Polymer/Bullerene Interaction on the Dielectric Properties of the Blend. <i>Advanced Energy Materials</i> , 2017 , 7, 1601947 | 21.8 | 41 |
| 169 | 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 | 2.8 | 12 |
| 168 | Photoinduced structural distortions and singlet-triplet intersystem crossing in Cu(I) MLCT excited states monitored by optically gated fluorescence spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 16662-16668 | 3.6 | 11 |

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| 167 | Charge Localization after Ultrafast Photoexcitation of a Rigid Perylene Perylene diimide Dyad Visualized by Transient Stark Effect. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5530-5537 | 16.4 | 21 |
| 166 | Delayed Molecular Triplet Generation from Energized Lead Sulfide Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 1458-1463 | 6.4 | 65 |
| 165 | Efficient Generation of Long-Lived Triplet Excitons in 2D Hybrid Perovskite. <i>Advanced Materials</i> , 2017 , 29, 1604278 | 24 | 69 |
| 164 | Photochemical upconversion in water. <i>Chemical Communications</i> , 2017 , 53, 11705-11708 | 5.8 | 25 |
| 163 | Efficient Phosphorescence from Naphthalenebenzimidazole-Coordinated Iridium(III) Chromophores. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 5238-5245 | 2.3 | 10 |
| 162 | Restricted Photoinduced Conformational Change in the Cu(I) Complex for Sensing Mechanical Properties. <i>ACS Macro Letters</i> , 2017 , 6, 920-924 | 6.6 | 8 |
| 161 | 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, 7475-83 | 2.8 | 25 |
| 160 | Exposing the Excited-State Equilibrium in an Ir(III) Bichromophore: A Combined Time Resolved Spectroscopy and Computational Study. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1808-1818 | 2.3 | 27 |
| 159 | Direct observation of triplet energy transfer from semiconductor nanocrystals. <i>Science</i> , 2016 , 351, 369-73 | 3.3 | 275 |
| 158 | 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, 543-50 | 2.8 | 41 |
| 157 | Homogeneous Photocatalytic H ₂ Production Using a Ru Bathophenanthroline Metal-to-Ligand Charge-Transfer Photosensitizer. <i>ChemPlusChem</i> , 2016 , 81, 1090-1097 | 2.8 | 18 |
| 156 | Editorial for the ACS Select Virtual Issue on Emerging Investigators in Inorganic Photochemistry and Photophysics. <i>Inorganic Chemistry</i> , 2016 , 55, 12483-12487 | 5.1 | 1 |
| 155 | Materials Integrating Photochemical Upconversion. <i>Topics in Current Chemistry</i> , 2016 , 374, 19 | 7.2 | 26 |
| 154 | Enhanced photophysics from self-assembled cyclometalated Ir(III) complexes in water. <i>Chemical Communications</i> , 2016 , 52, 7846-9 | 5.8 | 14 |
| 153 | 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 | 3.8 | 57 |
| 152 | Cuprous Phenanthroline MLCT Chromophore Featuring Synthetically Tailored Photophysics. <i>Inorganic Chemistry</i> , 2016 , 55, 10628-10636 | 5.1 | 38 |
| 151 | Liquid PEG Polymers Containing Antioxidants: A Versatile Platform for Studying Oxygen-Sensitive Photochemical Processes. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 24038-48 | 9.5 | 37 |
| 150 | Parallelization of photocatalytic gas-producing reactions. <i>Review of Scientific Instruments</i> , 2015 , 86, 034101 | 10.1 | 6 |

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| 149 | Transient absorption dynamics of sterically congested Cu(I) MLCT excited states. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 3181-93 | 2.8 | 82 |
| 148 | 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, 5642-9 | 2.8 | 32 |
| 147 | MLCT sensitizers in photochemical upconversion: past, present, and potential future directions. <i>Dalton Transactions</i> , 2015 , 44, 17906-10 | 4.3 | 28 |
| 146 | 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 | 9.4 | 77 |
| 145 | Tetrahedral rigid core antenna chromophores bearing bay-substituted perylenediimides. <i>Tetrahedron</i> , 2015 , 71, 9519-9527 | 2.4 | 10 |
| 144 | Efficient Visible to Near-UV Photochemical Upconversion Sensitized by a Long Lifetime Cu(I) MLCT Complex. <i>Inorganic Chemistry</i> , 2015 , 54, 6035-42 | 5.1 | 37 |
| 143 | Photon upconversion sensitized by a Ru(II)-pyrenyl chromophore. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015 , 373, | 3 | 6 |
| 142 | Sensing of 2,4,6-trinitrotoluene (TNT) and 2,4-dinitrotoluene (2,4-DNT) in the solid state with photoluminescent Ru(II) and Ir(III) complexes. <i>Chemistry - A European Journal</i> , 2015 , 21, 4056-64 | 4.8 | 29 |
| 141 | Altering molecular photophysics by merging organic and inorganic chromophores. <i>Accounts of Chemical Research</i> , 2015 , 48, 828-39 | 24.3 | 79 |
| 140 | Intramolecular radiationless transitions dominate exciton relaxation dynamics. <i>Chemical Physics Letters</i> , 2014 , 599, 23-33 | 2.5 | 36 |
| 139 | Light-driven hydrogen evolution by BODIPY-sensitized cobaloxime catalysts. <i>Inorganic Chemistry</i> , 2014 , 53, 4527-34 | 5.1 | 61 |
| 138 | Texaphyrin sensitized near-IR-to-visible photon upconversion. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 813-9 | 4.2 | 26 |
| 137 | Advances in the light conversion properties of Cu(I)-based photosensitizers. <i>Polyhedron</i> , 2014 , 82, 57-70 | 2.7 | 116 |
| 136 | Photochemical Upconversion: The Primacy of Kinetics. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 4062-72 | 2.7 | 180 |
| 135 | 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 | 6.3 | 62 |
| 134 | Excited state equilibrium induced lifetime extension in a dinuclear platinum(II) complex. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 10391-9 | 2.8 | 37 |
| 133 | Triplet state formation in homo- and heterometallic diketopyrrolopyrrole chromophores. <i>Inorganic Chemistry</i> , 2014 , 53, 12564-71 | 5.1 | 13 |
| 132 | Mono- and dinuclear cationic iridium(III) complexes bearing a 2,5-dipyridylpyrazine (2,5-dpp) ligand. <i>Inorganic Chemistry</i> , 2013 , 52, 8495-504 | 5.1 | 56 |

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| 131 | Charge-Transfer and Ligand-Localized Photophysics in Luminescent Cyclometalated Pyrazolate-Bridged Dinuclear Platinum(II) Complexes. <i>Organometallics</i> , 2013 , 32, 3819-3829 | 3.8 | 77 |
| 130 | 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, 8795-804 ⁵¹ | 5.1 | 29 |
| 129 | Ranking solvent interactions and dielectric constants with [Pt(mesBIAN)(tda)]: A cautionary tale for polarity determinations in ionic liquids. <i>ChemPhysChem</i> , 2013 , 14, 1025-30 | 3.2 | 9 |
| 128 | Catalytic proton reduction with transition metal complexes of the redox-active ligand bpy2PYMe. <i>Chemical Science</i> , 2013 , 4, 3934 | 9.4 | 141 |
| 127 | Ultrafast photoinduced electron transfer in viologen-linked BODIPY dyes. <i>ChemPhysChem</i> , 2013 , 14, 3348-54 | 3.2 | 21 |
| 126 | Structural refinement of ladder-type perylene diimide dimers: a classical tale of conformational dynamics. <i>Journal of Organic Chemistry</i> , 2013 , 78, 8634-44 | 4.2 | 13 |
| 125 | Robust cuprous phenanthroline sensitizer for solar hydrogen photocatalysis. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14068-70 | 16.4 | 124 |
| 124 | Near-IR phosphorescent metalloporphyrin as a photochemical upconversion sensitizer. <i>Chemical Communications</i> , 2013 , 49, 7406-8 | 5.8 | 50 |
| 123 | Diarylpyrenes vs. diaryltetrahydropyrenes: Crystal structures, fluorescence, and upconversion photochemistry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 272, 49-57 | 4.7 | 12 |
| 122 | Photochemical Upconversion: A Physical or Inorganic Chemistry Experiment for Undergraduates Using a Conventional Fluorimeter. <i>Journal of Chemical Education</i> , 2013 , 90, 786-789 | 2.4 | 10 |
| 121 | Design of a long-lifetime, earth-abundant, aqueous compatible Cu(I) photosensitizer using cooperative steric effects. <i>Inorganic Chemistry</i> , 2013 , 52, 8114-20 | 5.1 | 135 |
| 120 | Improving the catalytic activity of semiconductor nanocrystals through selective domain etching. <i>Nano Letters</i> , 2013 , 13, 2016-23 | 11.5 | 77 |
| 119 | Orange-to-blue and red-to-green photon upconversion with a broadband absorbing copper(I) MLCT sensitizer. <i>Chemical Communications</i> , 2013 , 49, 3537-9 | 5.8 | 42 |
| 118 | Annihilation limit of a visible-to-UV photon upconversion composition ascertained from transient absorption kinetics. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 4412-9 | 2.8 | 63 |
| 117 | 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 | 6.4 | 234 |
| 116 | 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 | 3.8 | 30 |
| 115 | Photocatalytic Activity of Core/Shell Semiconductor Nanocrystals Featuring Spatial Separation of Charges. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 22786-22793 | 3.8 | 34 |
| 114 | Structure and Activity of Photochemically Deposited TiO ₂ /Oxygen Evolving Catalyst on Titania. <i>ACS Catalysis</i> , 2012 , 2, 2150-2160 | 13.1 | 53 |

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|-----|---|------|-----|
| 113 | Upconversion-powered photoelectrochemistry. <i>Chemical Communications</i> , 2012 , 48, 209-11 | 5.8 | 235 |
| 112 | Stibonium ions for the fluorescence turn-on sensing of F ⁻ in drinking water at parts per million concentrations. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15309-11 | 16.4 | 138 |
| 111 | Metal coordination induced extension and triplet state production in diketopyrrolopyrrole chromophores. <i>Inorganic Chemistry</i> , 2012 , 51, 7957-9 | 5.1 | 29 |
| 110 | Ligand-localized triplet-state photophysics in a platinum(II) terpyridyl perylenediimideacetylde. <i>Inorganic Chemistry</i> , 2012 , 51, 8589-98 | 5.1 | 53 |
| 109 | Spectroscopy and Photophysics in Cyclometalated Ru(II) Bis(bipyridyl) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4004-4011 | 2.3 | 28 |
| 108 | Transition metal complexes meet the rylene. <i>Dalton Transactions</i> , 2012 , 41, 8493-501 | 4.3 | 64 |
| 107 | High Efficiency Low-Power Upconverting Soft Materials. <i>Chemistry of Materials</i> , 2012 , 24, 2250-2252 | 9.6 | 167 |
| 106 | Coherence in metal-metal-to-ligand-charge-transfer excited states of a dimetallic complex investigated by ultrafast transient absorption anisotropy. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 3990-6 | 2.8 | 61 |
| 105 | Excited-state properties of heteroleptic iridium(III) complexes bearing aromatic hydrocarbons with extended cores. <i>Inorganic Chemistry</i> , 2011 , 50, 10859-71 | 5.1 | 37 |
| 104 | Phosphorescent self-assembled Pt(II) tetranuclear metallocycles. <i>Chemical Communications</i> , 2011 , 47, 4397-9 | 5.8 | 32 |
| 103 | Homogeneous photocatalytic hydrogen production using π -conjugated platinum(II) arylacetylde sensitizers. <i>Inorganic Chemistry</i> , 2011 , 50, 705-7 | 5.1 | 127 |
| 102 | Synthesis and characterization of tris(heteroleptic) Ru(II) complexes bearing styryl subunits. <i>Inorganic Chemistry</i> , 2011 , 50, 9714-27 | 5.1 | 18 |
| 101 | Carbazole donor and carbazole or bithiophene bridged sensitizers for dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 223, 57-64 | 4.7 | 16 |
| 100 | Charge Recombination to Oxidized Iodide in Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 20316-20325 | 3.8 | 20 |
| 99 | Bidirectional "ping-pong" energy transfer and 3000-fold lifetime enhancement in a Re(I) charge transfer complex. <i>Inorganic Chemistry</i> , 2011 , 50, 7820-30 | 5.1 | 86 |
| 98 | Triplet excited state distortions in a pyrazolate bridged platinum dimer measured by X-ray transient absorption spectroscopy. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 12780-7 | 2.8 | 61 |
| 97 | Viable alternative to N719 for dye-sensitized solar cells. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 2039-45 | 9.5 | 55 |
| 96 | Supramolecular-chromophore-sensitized near-infrared-to-visible photon upconversion. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14203-11 | 16.4 | 119 |

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|----|--|------|-----|
| 95 | Naphthalimide phosphorescence finally exposed in a platinum(II) diimine complex. <i>Inorganic Chemistry</i> , 2010 , 49, 6802-4 | 5.1 | 102 |
| 94 | Electrolyte-Dependent Photovoltaic Responses in Dye-Sensitized Solar Cells Based on an Osmium(II) Dye of Mixed Denticity. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 6831-6840 | 3.8 | 23 |
| 93 | Excited state absorption properties of Pt(II) terpyridyl complexes bearing π -conjugated arylacetylides. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 14440-9 | 3.4 | 28 |
| 92 | Stark effects after excited-state interfacial electron transfer at sensitized TiO ₂ nanocrystallites. <i>Journal of the American Chemical Society</i> , 2010 , 132, 6696-709 | 16.4 | 162 |
| 91 | Triplet Sensitized Red-to-Blue Photon Upconversion. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 195-200 | 20.0 | 149 |
| 90 | Excited-state electron transfer from ruthenium-polypyridyl compounds to anatase TiO ₂ nanocrystallites: evidence for a Stark effect. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 14596-604 | 3.4 | 67 |
| 89 | Boron dipyrromethene (Bodipy) phosphorescence revealed in [Ir(ppy) ₂](bpy-C[triple bond]C-bodipy)] ⁺ . <i>Inorganic Chemistry</i> , 2010 , 49, 3730-6 | 5.1 | 129 |
| 88 | Controlled microwave synthesis of RuII synthons and chromophores relevant to solar energy conversion. <i>Inorganica Chimica Acta</i> , 2010 , 363, 283-287 | 2.7 | 17 |
| 87 | Photon upconversion based on sensitized triplet-triplet annihilation. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 2560-2573 | 23.2 | 971 |
| 86 | Low power visible-to-UV upconversion. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5912-7 | 2.8 | 116 |
| 85 | Photophysics in platinum(II) bipyridylacetylides. <i>Inorganic Chemistry</i> , 2009 , 48, 11533-42 | 5.1 | 22 |
| 84 | Evolution of the triplet excited state in Pt(II) perylenediimides. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5763-8 | 2.8 | 60 |
| 83 | Influence of temperature on low-power upconversion in rubbery polymer blends. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12007-14 | 16.4 | 150 |
| 82 | Nonlinear photochemistry squared: quartic light power dependence realized in photon upconversion. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 9266-9 | 2.8 | 32 |
| 81 | Thermochromic absorption and photoluminescence in [Pt(ppy)(μ -Ph ₂ p _z)] ₂ . <i>Inorganic Chemistry</i> , 2009 , 48, 10865-7 | 5.1 | 75 |
| 80 | Supra-nanosecond dynamics of a red-to-blue photon upconversion system. <i>Inorganic Chemistry</i> , 2009 , 48, 2541-8 | 5.1 | 88 |
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