

# Nikolai Tkachenko

## 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.

264  
papers

7,270  
citations

43  
h-index

71  
g-index

277  
ext. papers

7,822  
ext. citations

4.8  
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5.64  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 264 | Tunable Ti <sup>3+</sup> -Mediated Charge Carrier Dynamics of Atomic Layer Deposition-Grown Amorphous TiO <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , <b>2022</b> , 126, 4542-4554                                | 3.8  | 2         |
| 263 | Photoinduced Processes in Metal Oxide Nanomaterials <b>2022</b> , 193-228   |      |           |
| 262 | Molecular Design Strategy for High-Yield and Long-Lived Individual Doubled Triplet Excitons through Intramolecular Singlet Fission. <i>ACS Energy Letters</i> , <b>2022</b> , 7, 390-400                                      | 20.1 | 4         |
| 261 | Voltage-induced fluorescence lifetime imaging of a BODIPY derivative in giant unilamellar vesicles as potential neuron membrane mimics. <i>Chemical Communications</i> , <b>2021</b> , 57, 12631-12634                        | 5.8  | 0         |
| 260 | Near-Unity Singlet Fission on a Quantum Dot Initiated by Resonant Energy Transfer. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 17388-17394   | 16.4 | 2         |
| 259 | Ultrathin-Walled 3D Inorganic Nanostructured Networks Templated from Cross-Linked Cellulose Nanocrystal Aerogels. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2001181   | 4.6  | 2         |
| 258 | Supramolecular Singlet Fission of Pentacene Dimers within Polyaromatic Capsules. <i>Journal of the American Chemical Society</i> , <b>2021</b> ,  | 16.4 | 8         |
| 257 | Comparison of the heat-treatment effect on carrier dynamics in TiO thin films deposited by different methods. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 17672-17682                                      | 3.6  | 1         |
| 256 | Singlet Exciton Fission and Associated Enthalpy Changes with a Covalently Linked Bichromophore Comprising TIPS-Pentacenes Held in an Open Conformation. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 1184-1197 | 2.8  | 3         |
| 255 | Enthalpy-Entropy Compensation Effect for Triplet Pair Dissociation of Intramolecular Singlet Fission in Phenylene Spacer-Bridged Hexacene Dimers. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 6457-6463  | 6.4  | 4         |
| 254 | Synergetic Role of Conformational Flexibility and Electronic Coupling for Quantitative Intramolecular Singlet Fission. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 18287-18296                                | 3.8  | 5         |
| 253 | Autocatalytic photodegradation of [Ru(II)(2,2-Pbipyridine)DAD] (DADH = 1,2-dihydroxyanthracene-9,10-dione) by hydrogen peroxide under acidic aqueous conditions. <i>Dalton Transactions</i> , <b>2021</b> , 50, 7640-7646     | 4.3  | 0         |
| 252 | Enhanced electronic communication through a conjugated bridge in a porphyrin fullerene donor-acceptor couple. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 10889-10898  | 7.1  | 0         |
| 251 | Photostable orange-red fluorescent unsymmetrical diketopyrrolopyrrole-BF <sub>2</sub> hybrids. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 7708-7717   | 7.1  | 5         |
| 250 | Room-Temperature Pentacene Fluids: Oligoethylene Glycol Substituent-Controlled Morphologies and Singlet Fission. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 11910-11918                                      | 3.4  | 1         |
| 249 | Modification of Surface States of Hematite-Based Photoanodes by Submonolayer of TiO <sub>2</sub> for Enhanced Solar Water Splitting. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 13094-13101                  | 3.8  | 10        |
| 248 | Monitoring Charge Carrier Diffusion across a Perovskite Film with Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 445-450   | 6.4  | 6         |

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| 247 | Endothermic and Exothermic Energy Transfer Made Equally Efficient for Triplet-Triplet Annihilation Upconversion. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 318-324   | 6.4  | 16 |
| 246 | Optimization of Photogenerated Charge Carrier Lifetimes in ALD Grown TiO for Photonic Applications. <i>Nanomaterials</i> , <b>2020</b> , 10,  | 5.4  | 8  |
| 245 | Switching Competition between Electron and Energy Transfers in Porphyrin-Fullerene Dyads. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 10899-10912   | 3.4  | 4  |
| 244 | B-Site Co-Alloying with Germanium Improves the Efficiency and Stability of All-Inorganic Tin-Based Perovskite Nanocrystal Solar Cells. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 22301-22309  | 3.6  | 6  |
| 243 | Near-infrared light control of membrane potential by an electron donor-acceptor linked molecule. <i>Chemical Communications</i> , <b>2020</b> , 56, 12562-12565   | 5.8  | 0  |
| 242 | B-Site Co-Alloying with Germanium Improves the Efficiency and Stability of All-Inorganic Tin-Based Perovskite Nanocrystal Solar Cells. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 22117-22125   | 16.4 | 29 |
| 241 | Hydrogen peroxide assisted photorelease of an anthraquinone-based ligand from [Ru(2,2Pbipyridine)(9,10-dioxo-9,10-dihydroanthracen-1-olate)]Cl in aqueous solution. <i>Dalton Transactions</i> , <b>2020</b> , 49, 13243-13252  | 4.3  | 3  |
| 240 | Ultrafast Photochemistry of the [Cr(NCS)] Complex in Dimethyl Sulfoxide and Dimethylformamide upon Excitation into Ligand-Field Electronic State. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 3724-3733   | 3.4  | 3  |
| 239 | Critical Sensitizer Quality Attributes for Efficient Triplet-Triplet Annihilation Upconversion with Low Power Density Thresholds. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 22865-22872   | 3.8  | 6  |
| 238 | Controlled Orientations of Neighboring Tetracene Units by Mixed Self-Assembled Monolayers on Gold Nanoclusters for High-Yield and Long-Lived Triplet Excited States through Singlet Fission. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14720-14727 | 16.4 | 25 |
| 237 | Charge carrier dynamics in tantalum oxide overlayers and tantalum doped hematite photoanodes. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 3206-3215  | 13   | 15 |
| 236 | Charge transfer dynamics in CsPbBr perovskite quantum dots-anthraquinone/fullerene (C) hybrids. <i>Nanoscale</i> , <b>2019</b> , 11, 862-869  | 7.7  | 17 |
| 235 | Photochemistry of dithiophosphate Ni(S <sub>2</sub> P(i-Bu) <sub>2</sub> ) <sub>2</sub> complex in CCl <sub>4</sub> . Transient species and TD-DFT calculations. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 381, 111857                   | 4.7  | 1  |
| 234 | Refractive index change dominates the transient absorption response of metal halide perovskite thin films in the near infrared. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 14663-14670  | 3.6  | 16 |
| 233 | Exclusive occurrence of photoinduced energy transfer and switching of its direction by rectangular extension of nanographenes. <i>Chemical Science</i> , <b>2019</b> , 10, 6642-6650  | 9.4  | 16 |
| 232 | Multiphoton Excitation of CsPbBr Perovskite Quantum Dots (PQDs): How Many Electrons Can One PQD Donate to Multiple Molecular Acceptors?. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 2775-2781   | 6.4  | 9  |
| 231 | Electronically Coupled Uranium and Iron Oxide Heterojunctions as Efficient Water Oxidation Catalysts. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1905005  | 15.6 | 12 |
| 230 | Photoreactions of Macrocyclic Dyes on (1010) Wurtzite Surface: Interplay Between Conformation and Electronic Effects. <i>Ukrainian Journal of Physics</i> , <b>2019</b> , 64, 63  | 0.4  |    |

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| 229 | A Pentacene-based Nanotube Displaying Enriched Electrochemical and Photochemical Activities. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1115-1119   | 16.4 | 17 |
| 228 | Quantitative Sequential Photoenergy Conversion Process from Singlet Fission to Intermolecular Two-Electron Transfers Utilizing Tetracene Dimer. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 26-31  | 20.1 | 21 |
| 227 | A Pentacene-based Nanotube Displaying Enriched Electrochemical and Photochemical Activities. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 1127-1131  | 3.6  | 4  |
| 226 | Concentration-dependent photophysical switching in mixed self-assembled monolayers of pentacene and perylene diimide on gold nanoclusters. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 8693-8706   | 3.6  | 6  |
| 225 | Critical role and modification of surface states in hematite films for enhancing oxygen evolution activity. <i>Journal of Materials Research</i> , <b>2018</b> , 33, 455-466  | 2.5  | 32 |
| 224 | Ultralong 20 Milliseconds Charge Separation Lifetime for Photoilluminated Oligophenylenevinylene-Aza fullerene Systems. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1702278  | 15.6 | 7  |
| 223 | Photoinduced Charge Separation in Semiconductor-Quantum-Dot/Organic-Molecule Hybrids. <i>ChemPhotoChem</i> , <b>2018</b> , 2, 112-120   | 3.3  | 8  |
| 222 | Photophysical Properties of Porphyrin Dimer-Single-Walled Carbon Nanotube Linked Systems. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 13285-13293   | 3.8  | 5  |
| 221 | Design aspects of all atomic layer deposited TiO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> scaffold-absorber photoanodes for water splitting. <i>Sustainable Energy and Fuels</i> , <b>2018</b> , 2, 2124-2130   | 5.8  | 7  |
| 220 | Comparison of electron injection and recombination on TiO nanoparticles and ZnO nanorods photosensitized by phthalocyanine. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 180323   | 3.3  | 9  |
| 219 | Effect of Co-Adsorbate and Hole Transporting Layer on the Photoinduced Charge Separation at the TiO-Phthalocyanine Interface. <i>ACS Omega</i> , <b>2018</b> , 3, 4947-4958   | 3.9  | 4  |
| 218 | High-Yield Generation of Triplet Excited States by an Efficient Sequential Photoinduced Process from Energy Transfer to Singlet Fission in Pentacene-Modified CdSe/ZnS Quantum Dots. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 17062-17071                                      | 4.8  | 11 |
| 217 | Charge Shift/Recombination and Triplet Formation in a Molecular Dyad based on a Borondipyrromethene (Bodipy) and an Expanded Acridinium Cation. <i>ChemPhotoChem</i> , <b>2018</b> , 2, 277-282   | 3.3  | 3  |
| 216 | Efficient photon upconversion at remarkably low annihilator concentrations in a liquid polymer matrix: when less is more. <i>Chemical Communications</i> , <b>2018</b> , 54, 14029-14032  | 5.8  | 8  |
| 215 | Photoinduced Energy Transfer in ZnCdSeS Quantum Dot-Phthalocyanines Hybrids. <i>ACS Omega</i> , <b>2018</b> , 3, 10048-10057  | 3.9  | 11 |
| 214 | Multiexciton Dynamics Depending on Intramolecular Orientations in Pentacene Dimers: Recombination and Dissociation of Correlated Triplet Pairs. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 3354-3360   | 6.4  | 53 |
| 213 | Hexaphyrin as a Potential Theranostic Dye for Photothermal Therapy and F Magnetic Resonance Imaging. <i>ChemBioChem</i> , <b>2017</b> , 18, 951-959   | 3.8  | 13 |
| 212 | Synthesis, Structural and Photophysical Properties of Pentacene Alkanethiolate Monolayer-Protected Gold Nanoclusters and Nanorods: Supramolecular Intercalation and Photoinduced Electron Transfer with C <sub>60</sub> . <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 9043-9052 | 3.8  | 8  |

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| 211 | Photoinduced Electron Injection from Zinc Phthalocyanines into Zinc Oxide Nanorods: Aggregation Effects. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 9594-9605                                   | 3.8  | 7   |
| 210 | Long-Range Observation of Exciplex Formation and Decay Mediated by One-Dimensional Bridges. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 13952-13961  | 3.8  | 5   |
| 209 | Effects of orientation at the phthalocyanine-CdSe interface on the electron transfer characteristics. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 10511-10517                                 | 3.6  | 3   |
| 208 | Occurrence of photoinduced charge separation by the modulation of the electronic coupling between pyrene dimers and chemically converted graphenes. <i>Chemical Communications</i> , <b>2017</b> , 53, 1025-1028 | 5.8  | 6   |
| 207 | Photoinduced Electron Transfer in 9-Substituted 10-Methylacridinium Ions. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 1306-1317  | 4.8  | 33  |
| 206 | Tailored Fabrication of Transferable and Hollow Weblike Titanium Dioxide Structures. <i>ChemPhysChem</i> , <b>2017</b> , 18, 64-71   | 3.2  | 4   |
| 205 | Compact hematite buffer layer as a promoter of nanorod photoanode performances. <i>Scientific Reports</i> , <b>2016</b> , 6, 35049   | 4.9  | 16  |
| 204 | Structural photoactivation of a full-length bacterial phytochrome. <i>Science Advances</i> , <b>2016</b> , 2, e1600920   | 14.3 | 70  |
| 203 | Formation and stability of porphyrin and phthalocyanine self-assembled monolayers on ZnO surfaces. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 1264-1271                                | 1.8  | 4   |
| 202 | High-Yield Excited Triplet States in Pentacene Self-Assembled Monolayers on Gold Nanoparticles through Singlet Exciton Fission. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 5316-5320                          | 3.6  | 13  |
| 201 | Effect of Hole Transporting Material on Charge Transfer Processes in Zinc Phthalocyanine Sensitized ZnO Nanorods. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 7044-7051                          | 3.8  | 10  |
| 200 | Remarkable Dependence of the Final Charge Separation Efficiency on the Donor-Acceptor Interaction in Photoinduced Electron Transfer. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 639-643                       | 3.6  | 21  |
| 199 | Long-Lived Triplet Excited States of Bent-Shaped Pentacene Dimers by Intramolecular Singlet Fission. <i>Journal of Physical Chemistry A</i> , <b>2016</b> , 120, 1867-75   | 2.8  | 109 |
| 198 | Charge separation and charge recombination photophysical studies in a series of perylene-C60 linear and cyclic dyads. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 3598-605                    | 3.6  | 14  |
| 197 | Controllable Electronic Structures and Photoinduced Processes of Bay-Linked Perylenediimide Dimers and a Ferrocene-Linked Triad. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 9631-41               | 4.8  | 14  |
| 196 | High-Yield Excited Triplet States in Pentacene Self-Assembled Monolayers on Gold Nanoparticles through Singlet Exciton Fission. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 5230-4      | 16.4 | 32  |
| 195 | Remarkable Dependence of Exciplex Decay Rate on Through-Space Separation Distance between Porphyrin and Chemically Converted Graphene. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 28337-28344   | 3.8  | 13  |
| 194 | Remarkable Dependence of the Final Charge Separation Efficiency on the Donor-Acceptor Interaction in Photoinduced Electron Transfer. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 629-33 | 16.4 | 79  |

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| 193 | Photoinduced hole transfer in QD-phthalocyanine hybrids. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 27414-27421   | 3.6  | 11 |
| 192 | Porphyrin-Based Donor-Acceptor Dyads Engineering the Linker and Tuning the Photoinduced Electron Transfer <b>2016</b> , 121-171   |      | 2  |
| 191 | Role of the bridge in photoinduced electron transfer in porphyrin-fullerene dyads. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 5814-25                                      | 4.8  | 38 |
| 190 | Subpicosecond to Second Time-Scale Charge Carrier Kinetics in Hematite-Titania Nanocomposite Photoanodes. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 2859-64         | 6.4  | 25 |
| 189 | Photoinduced Electron Transfer in CdSe/ZnS Quantum Dot-Fullerene Hybrids. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 17561-17572   | 3.8  | 36 |
| 188 | Molecular interactions on single-walled carbon nanotubes revealed by high-resolution transmission microscopy. <i>Nature Communications</i> , <b>2015</b> , 6, 7732                        | 17.4 | 28 |
| 187 | Photophysical properties of Sn(IV)tetraphenylporphyrin-pyrene dyad with a $\beta$ -vinyl linker. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2015</b> , 19, 288-300             | 1.8  | 6  |
| 186 | Expanded $\beta$ -unsaturated ketones: synthesis, optical properties, and two-photon-induced polymerization. <i>ChemPhysChem</i> , <b>2015</b> , 16, 682-90                               | 3.2  | 19 |
| 185 | Photophysical study of a self-assembled donor-acceptor two-layer film on TiO <sub>2</sub> . <i>Langmuir</i> , <b>2015</b> , 31, 944-52  | 4.2  | 18 |
| 184 | Synthesis and Photophysical Properties of Two Diazaporphyrin-Porphyrin Hetero Dimers in Polar and Nonpolar Solutions. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 7328-37 | 3.4  | 13 |
| 183 | Synthesis of fluorescent naphthoquinolizines via intramolecular Houben-Hoesch reaction. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 553-8                                     | 4.5  | 9  |
| 182 | Fluorescent Protein Based FRET Pairs with Improved Dynamic Range for Fluorescence Lifetime Measurements. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134436                                     | 3.7  | 24 |
| 181 | Excited state intramolecular proton transfer in expanded phenazine-derived phenols. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 144-51                                    | 2.8  | 34 |
| 180 | Dynamics of time-resolved photoluminescence in GaInNAs and GaNAsSb solar cells. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 80   | 5    | 20 |
| 179 | Photo-induced electron transfer at nanostructured semiconductor-zinc porphyrin interface. <i>Chemical Physics Letters</i> , <b>2014</b> , 592, 47-51                                      | 2.5  | 11 |
| 178 | Slow Charge Recombination and Enhanced Photoelectrochemical Properties of Diazaporphyrin-Fullerene Linked Dyad. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 1808-1820     | 3.8  | 16 |
| 177 | Subcellular localization of bacteriophage PRD1 proteins in Escherichia coli. <i>Virus Research</i> , <b>2014</b> , 179, 44-52   | 6.4  | 1  |
| 176 | Organic-inorganic azafullerene-gold C(59)N-Au nanohybrid: synthesis, characterization, and properties. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 14729-35                 | 4.8  | 4  |

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| 175 | Synthesis and properties of a meso- trisferrocene appended zinc(II) porphyrin and a critical evaluation of its dye sensitised solar cell (DSSC) performance. <i>RSC Advances</i> , <b>2014</b> , 4, 22733-22742   | 3.7 | 38 |
| 174 | Effect of mutual position of electron donor and acceptor on photoinduced electron transfer in supramolecular chlorophyll-fullerene dyads. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 1420-9  | 2.8 | 23 |
| 173 | The effect of thiophene substituents of fulleropyrrolidine acceptors on the performance of inverted organic solar cells. <i>Synthetic Metals</i> , <b>2014</b> , 195, 193-200   | 3.6 | 7  |
| 172 | Charge-Transfer Dynamics in Poly(3-hexylthiophene):Perylenediimide-C60 Blend Films Studied by Ultrafast Transient Absorption. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 10625-10630   | 3.8 | 7  |
| 171 | Fluorescent protein-based FRET sensor for intracellular monitoring of redox status in bacteria at single cell level. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 7195-204  | 4.4 | 12 |
| 170 | Femtosecond spectroscopy of the dithiolate Cu(II) and Ni(II) complexes. <i>Dalton Transactions</i> , <b>2014</b> , 43, 17766-74   | 4.3 | 7  |
| 169 | Ultrafast photophysical processes for Fe(III)-carboxylates. <i>Dalton Transactions</i> , <b>2014</b> , 43, 17590-5  | 4.3 | 11 |
| 168 | Time-resolved fluorescence methods (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , <b>2014</b> , 86, 1969-1998  | 2.1 | 32 |
| 167 | ROFRET: a molecular-scale fluorescent probe displaying viscosity-enhanced intramolecular Förster energy transfer. <i>ChemPhysChem</i> , <b>2014</b> , 15, 3089-96   | 3.2 | 4  |
| 166 | Bis(aryl)acenaphthenequinonediimine Substituent Effect on the Properties and Coordination Environment of Ligands and Their Bis-Chelate AgI Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 5196-5205                              | 2.3 | 8  |
| 165 | Complexation Enhanced Excited-State Deactivation by Lithium Ion Coordination to a Borondipyromethene (Bodipy) Donor-Bridge-Acceptor Dyad. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6859-6869  | 3.2 | 2  |
| 164 | Determination of preferential molecular orientation in porphyrin-fullerene dyad ZnDHD6ee monolayers by the X-ray standing-wave method and X-ray reflectometry. <i>Crystallography Reports</i> , <b>2013</b> , 58, 934-938   | 0.6 | 7  |
| 163 | Study of structural order in porphyrin-fullerene dyad ZnDHD6ee monolayers by electron diffraction and atomic force microscopy. <i>Crystallography Reports</i> , <b>2013</b> , 58, 927-933   | 0.6 | 5  |
| 162 | Probing the excited state dynamics of a new family of Cu(I)-complexes with an enhanced light absorption capacity: excitation-wavelength dependent population of states through branching. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 13128-36 | 3.6 | 24 |
| 161 | Porphyrin adsorbed on the (101[combining macron]0) surface of the wurtzite structure of ZnO--conformation induced effects on the electron transfer characteristics. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 17408-18                       | 3.6 | 22 |
| 160 | Fluorescence properties of the chromophore-binding domain of bacteriophytochrome from <i>Deinococcus radiodurans</i> . <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 11049-57   | 3.4 | 30 |
| 159 | Sequential Photoinduced Energy and Electron Transfer Directed Improved Performance of the Supramolecular Solar Cell of a Zinc Porphyrin-Zinc Phthalocyanine Conjugate Modified TiO2 Surface. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 763-773  | 3.8 | 52 |
| 158 | Tuning the Förster overlap integral: energy transfer over 20 Ågstroms from a pyrene-based donor to borondipyromethene (Bodipy). <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 9854-61  | 3.6 | 19 |

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| 157 | Triarylamine-substituted imidazole- and quinoxaline-fused push-pull porphyrins for dye-sensitized solar cells. <i>ChemSusChem</i> , <b>2013</b> , 6, 508-17  | 8.3  | 60 |
| 156 | Charge transfer properties of a donor-acceptor dyad based on an expanded acridinium cation. <i>RSC Advances</i> , <b>2013</b> , 3, 4995  | 3.7  | 3  |
| 155 | Homoleptic Bis(aryl)acenaphthenequinonediimine- $\pi$ - $\pi$ Complexes: Synthesis and Characterization of a Family of Compounds with Improved Light-Gathering Characteristics. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 2418-2431 | 2.3  | 17 |
| 154 | Direct evidence of significantly different chemical behavior and excited-state dynamics of 1,7- and 1,6-regioisomers of pyrrolidinyl-substituted perylene diimide. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 6791-806                          | 4.8  | 38 |
| 153 | Effect of anion coordination on electron transfer in double-linked zinc phthalocyanine-fullerene dyad. <i>Chemical Physics Letters</i> , <b>2013</b> , 572, 96-100   | 2.5  | 4  |
| 152 | Chlorophyll tailored 20-trifluoroacetamide and its azacrown derivative as pH sensitive colorimetric sensor probe with response to $\text{AcO}^-$ and $\text{CN}^-$ ions. <i>RSC Advances</i> , <b>2013</b> , 3, 11485  | 3.7  | 4  |
| 151 | Excited-state interaction of red and green perylene diimides with luminescent Ru(II) polypyridine complex. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 9761-73  | 5.1  | 26 |
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