

Yasuyuki Araki

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.

240 papers	8,278 citations	49 h-index	75 g-index
245 ext. papers	8,621 ext. citations	4.7 avg, IF	5.48 L-index

#	Paper	IF	Citations
240	Quantitative Analyses of Förster Resonance Energy Transfer between Identical Pyrene Chromophores (Homo-FRET) In DNA Scaffolds.. <i>ChemPhotoChem</i> , 2021 , 5, 167-172	3.3	4
239	Random laser oscillation from an organic fluorescent dye loaded inside a porous zirconia medium.. <i>RSC Advances</i> , 2021 , 11, 32030-32037	3.7	1
238	Solvent Effects and Aggregation Phenomena Studied by Vibrational Optical Activity and Molecular Dynamics: The Case of Pantolactone. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 4512-4526	3.4	11
237	Efficient Light-Harvesting Antennae Resulting from the Dense Organization of Dyes into DNA Junctions through d-Threoninol. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11360-11363	16.4	12
236	Efficient Light-Harvesting Antennae Resulting from the Dense Organization of Dyes into DNA Junctions through d-Threoninol. <i>Angewandte Chemie</i> , 2020 , 132, 11456-11459	3.6	3
235	Transient Circular Dichroism Approach to Chirality Detection in Dark Photo-Excited States 2020 , 327-338		
234	Near perfect head-to-head selectivity on the supramolecular photocyclodimerisation of 2-anthracenecarboxylate with self-organised gemini surfactant bilayers. <i>Chemical Communications</i> , 2020 , 56, 10058-10061	5.8	3
233	Protein adsorption behavior in nanoscale phase-separated polymer coatings prepared using poly(2-methacryloyloxyethyl phosphorylcholine)-containing amphiphilic block copolymers. <i>European Polymer Journal</i> , 2020 , 135, 109885	5.2	2
232	Effect of artificial saliva on permeability of dentin treated with phosphate containing desensitizer measured by digital flow meter. <i>Dental Materials Journal</i> , 2019 , 38, 963-969	2.5	1
231	N-Benzoyl-protected Peptide Nucleic Acid (PNA) Monomers Expand the Range of Nucleobases Available for PNA-DNA Chimera. <i>Chemistry Letters</i> , 2019 , 48, 341-344	1.7	1
230	Transient Circular Dichroism Measurement of the Excited Triplet State of Pristine Hexahelicene in Solution at Room Temperature. <i>Chemistry Letters</i> , 2019 , 48, 357-360	1.7	4
229	Development of an Engineered Photoactive Yellow Protein as a Cross-Linking Junction for Construction of Photoresponsive Protein-Polymer Conjugates. <i>ChemPhotoChem</i> , 2019 , 3, 356-360	3.3	0
228	Circular Polarized Luminescence of Hydrogen-Bonded Molecular Assemblies of Chiral Pyrene Derivatives. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 6323-6331	3.8	47
227	Concentration-dependent photophysical switching in mixed self-assembled monolayers of pentacene and perylene-3,4,9,10-tetracarboxylic diimide on gold nanoclusters. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 8693-8706	3.6	6
226	Peptide Ribonucleic Acid (PRNA) Arginine Hybrids. Effects of Arginine Residues Alternatingly Introduced to PRNA Backbone on Aggregation, Cellular Uptake, and Cytotoxicity. <i>Chemistry Letters</i> , 2018 , 47, 381-384	1.7	1
225	Quantitative evaluation of energy migration between identical chromophores enabled by breaking symmetry. <i>Communications Chemistry</i> , 2018 , 1,	6.3	15
224	Control of the electrochemical and photophysical properties of N-substituted benzo[ghi]perylene derivatives. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 2299-2308	7.8	12

223	Module Strategy for Peptide Ribonucleic Acid (PRNA)DNA and PRNAPeptide Nucleic Acid (PNA)DNA Chimeras: Synthesis and Interaction of Chimeras with DNA and RNA. <i>Chemistry Letters</i> , 2016 , 45, 350-352	1.7	2
222	Protonation-induced red-coloured circularly polarized luminescence of [5]carbohelicene fused by benzimidazole. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 6738-43	3.9	34
221	Controlled Excited-State Dynamics and Enhanced Fluorescence Property of Tetrasulfone[9]helicene by a Simple Synthetic Process. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 7421-7427	2.8	40
220	Synthetic Control of the Excited-State Dynamics and Circularly Polarized Luminescence of Fluorescent "Push-Pull" Tetrathia[9]helicenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 4263-73	4.8	62
219	Synthetic Control of Photophysical Process and Circularly Polarized Luminescence of [5]Carbohelicene Derivatives Substituted by Maleimide Units. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 7860-7869	3.8	50
218	Control of local structures and photophysical properties of zinc porphyrin-based supramolecular assemblies structurally organized by regioselective ligand coordination. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 5453-63	3.6	12
217	Long-Lived Triplet Excited States of Bent-Shaped Pentacene Dimers by Intramolecular Singlet Fission. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 1867-75	2.8	109
216	Controllable Electronic Structures and Photoinduced Processes of Bay-Linked Perylenediimide Dimers and a Ferrocene-Linked Triad. <i>Chemistry - A European Journal</i> , 2016 , 22, 9631-41	4.8	14
215	Hetero-Selective DNA-Like Duplex Stabilized by Donor-Acceptor Interactions. <i>Chemistry - A European Journal</i> , 2015 , 21, 15974-80	4.8	12
214	Highly Fluorescent [7]Carbohelicene Fused by Asymmetric 1,2-Dialkyl-Substituted Quinoxaline for Circularly Polarized Luminescence and Electroluminescence. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 13937-13947	3.8	86
213	Photoinduced electron transfer of zinc porphyrin-oligo(thienylenevinylene)-fullerene[60] triads; thienylenevinylenes as efficient molecular wires. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 2443-51	3.6	24
212	Formation of one-dimensional helical columns and excimerlike excited states by racemic quinoxaline-fused [7]carbohelicenes in the crystal. <i>Chemistry - A European Journal</i> , 2014 , 20, 10099-109	4.8	24
211	Electron-Transfer Reduction Properties and Excited-State Dynamics of Benzo[ghi]peryleneimide and Coroneneimide Derivatives. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 7710-7720	3.8	28
210	Systematic control of the excited-state dynamics and carrier-transport properties of functionalized benzo[ghi]perylene and coronene derivatives. <i>Chemistry - A European Journal</i> , 2014 , 20, 9081-93	4.8	20
209	Coordination Oligomers and Polymers of an Oxazole-appended Zinc Chlorophyll Derivative. <i>Chemistry Letters</i> , 2014 , 43, 862-864	1.7	8
208	PNA-NLS conjugates as single-molecular activators of target sites in double-stranded DNA for site-selective scission. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 5233-8	3.9	13
207	Design and semisynthesis of photoactivable split-GFP by incorporation of photocleavable functionality. <i>Biopolymers</i> , 2013 , 100, 773-9	2.2	1
206	Creation of a caspase-3 sensing system using a combination of split-GFP and split-intein. <i>Chemical Communications</i> , 2013 , 49, 10323-5	5.8	11

205	Pyrrolopyrrole aza-BODIPY analogues: a facile synthesis and intense fluorescence. <i>Chemical Communications</i> , 2013 , 49, 1621-3	5.8	106
204	Synthesis of pentadecaphenylenes, their inclusion properties, and nanostructure formation with C60. <i>Chemical Communications</i> , 2013 , 49, 9251-3	5.8	22
203	Double helices of a pyridine-appended zinc chlorophyll derivative. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5262-5	16.4	32
202	Catalytic Bio-Supramolecular Photochirogenesis: Batch-Operated Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate with Human Serum Albumin. <i>ChemCatChem</i> , 2013 , 5, 3237-3240	5.2	11
201	Remarkable Enhancement of Sensitivity with the Second Generation of Elliptically Polarization-detected Circular Dichroism Spectroscopy. <i>Chemistry Letters</i> , 2013 , 42, 261-262	1.7	4
200	Application of photoactive yellow protein as a photoresponsive module for controlling hemolytic activity of staphylococcal hemolysin. <i>Chemical Communications</i> , 2012 , 48, 4737-9	5.8	17
199	Multiple photosynthetic reaction centres composed of supramolecular assemblies of zinc porphyrin dendrimers with a fullerene acceptor. <i>Chemical Communications</i> , 2011 , 47, 7980-2	5.8	69
198	Fullerene- and pyromellitdiimide-appended tripodal ligands embedded in light-harvesting porphyrin macrorings. <i>Inorganic Chemistry</i> , 2011 , 50, 10249-58	5.1	16
197	Novel Strategy of Supramolecular Asymmetric Photochirogenesis with Tailor-Made Biopolymers as Chiral Reaction Fields. <i>Journal of Photopolymer Science and Technology</i> = [<i>Fotoporima Konwakai Shi</i>], 2011 , 24, 595-596	0.7	1
196	Axle length effect on photoinduced electron transfer in triad rotaxane with porphyrin, [60]fullerene, and triphenylamine. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 5242-50	2.8	21
195	The effect of atomic nitrogen on the C(60) cage. <i>Chemical Communications</i> , 2010 , 46, 631-3	5.8	20
194	Studies on the effects of arginine residues introduced to peptide ribonucleic acids (PRNA) on the complex stability with RNA. <i>Nucleic Acids Symposium Series</i> , 2009 , 55-6		
193	Energy transfer followed by electron transfer in a porphyrin macrocycle and central acceptor ligand: a model for a photosynthetic composite of the light-harvesting complex and reaction center. <i>Chemistry - A European Journal</i> , 2009 , 15, 2317-27	4.8	71
192	Role of Phe113 at the distal side of the heme domain of an oxygen-sensor (Ec DOS) in the characterization of the heme environment. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 989-96	4.2	7
191	Photoinduced processes of newly synthesized bisferrocene- and bisfullerene-substituted tetrads with a triphenylamine central block. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 1818-1825	2.3	10
190	Phthalocyanine-C60 fused conjugates exhibiting molecular orbital interactions depending on the solvent polarity. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1678-86	4.5	13
189	Synthesis and Photophysical and Photovoltaic Properties of PorphyrinBuran and Thiophene Alternating Copolymers. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 10798-10806	3.8	106
188	Axle charge effects on photoinduced electron transfer processes in rotaxanes containing porphyrin and [60]fullerene. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 10908-15	3.6	22

187	Photophysical and Optical Limiting Properties of Axially Modified Phthalocyanines. <i>Mini-Reviews in Organic Chemistry</i> , 2009 , 6, 55-65	1.7	54
186	Fullerene-encapsulated porphyrin hexagonal nanorods. An anisotropic donor-acceptor composite for efficient photoinduced electron transfer and light energy conversion. <i>Chemical Communications</i> , 2008 , 3372-4	5.8	79
185	Self-Assembled Supramolecular FerroceneFullerene Dyads and Triad: Formation and Photoinduced Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 2222-2229	3.8	23
184	Effect of dual fullerenes on lifetimes of charge-separated States of subphthalocyanine-triphenylamine-fullerene molecular systems. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 3910-7	3.4	52
183	Structural and Photophysical Properties of Self-Assembled Porphyrin Nanoassemblies Organized by Ethylene Glycol Derivatives. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 19209-19216	3.8	43
182	Photoinduced Intramolecular Electron Transfer of Carbazole Trimer-[60]Fullerene Studied by Laser Flash Photolysis Techniques. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 1244-1249	3.8	9
181	Naphthyl-Fused Elongated Porphyrins for Dye-Sensitized TiO ₂ Cells. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 15576-15585	3.8	132
180	Fluorescence up-conversion study of excitation energy transport dynamics in oligothiophene-fullerene linked dyads. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 1125-32	2.8	23
179	Arg97 at the heme-distal side of the isolated heme-bound PAS domain of a heme-based oxygen sensor from Escherichia coli (Ec DOS) plays critical roles in autoxidation and binding to gases, particularly O ₂ . <i>Biochemistry</i> , 2008 , 47, 8874-84	3.2	39
178	Twisted, Two-Faced Porphyrins as Hosts for Bispyridyl Fullerenes: Construction and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 10559-10572	3.8	30
177	Co-facial magnesium porphyrin dimer complexed with fullerene: photosynthetic reaction center model of 'special pair' self-assembled to electron acceptor. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008 , 12, 857-865	1.8	13
176	Fluorescence Resonance Energy Transfer between Cationic Porphyrins Accelerated with DNA as a Template. <i>Chemistry Letters</i> , 2008 , 37, 460-461	1.7	8
175	Photoinduced Electron-Transfer and Electron-Mediating Processes of Fullerenes and Phenothiazine Oligomers in a Polar Solvent. <i>Bulletin of the Chemical Society of Japan</i> , 2008 , 81, 103-109	5.1	5
174	Photoinduced Processes of SubphthalocyanineDiazobenzeneFullerene Triad as an Efficient Excited Energy Transfer System. <i>Chemistry Letters</i> , 2008 , 37, 544-545	1.7	30
173	Synthesis and photophysical properties of zinc myoglobin appending an ethidium ion as a DNA intercalator. <i>Journal of Biological Inorganic Chemistry</i> , 2008 , 13, 171-81	3.7	10
172	Through-bond excited energy transfer mediated by an amidinium-carboxylate salt bridge in Zn-porphyrin free-base porphyrin dyads. <i>Chemistry - A European Journal</i> , 2008 , 14, 3776-84	4.8	28
171	Light-harvesting supramolecular porphyrin macrocycle accommodating a fullerene-tripodal ligand. <i>Chemistry - A European Journal</i> , 2008 , 14, 2827-41	4.8	55
170	Photoinduced Electron Transfer in Branched Bis(ferrocenylacetylene)-C ₆₀ Systems: Influence of the Nature of Conjugation. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 3535-3543	3.2	6

169	Factors controlling lifetimes of photoinduced charge-separated states of fullerene-donor molecular systems. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2008 , 9, 93-110	16.4	60
168	Quinoxaline-Fused Porphyrins for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 4396-4405	3.8	157
167	Photoinduced charge-separation and charge-recombination processes of fullerene[60] dyads covalently connected with phenothiazine and its trimer. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 5878-5884	3.8	33
166	Large Reorganization Energy of Pyrrolidine-Substituted Perylenediimide in Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 6133-6142	3.8	37
165	High effectiveness of oligothiophenevinylene as molecular wires in Zn-porphyrin and C60 connected systems. <i>Chemical Communications</i> , 2007 , 4498-500	5.8	40
164	Generation of long-lived radical ions through enhanced photoinduced electron transfer processes between [60]fullerene and phenothiazine derivatives. <i>Photochemical and Photobiological Sciences</i> , 2007 , 6, 560-5	4.2	12
163	Photoinduced electron-transfer processes of carbon nanohorns with covalently linked pyrene chromophores: charge-separation and electron-migration systems. <i>Journal of Materials Chemistry</i> , 2007 , 17, 2540		35
162	Multi-triphenylamine-substituted porphyrin-fullerene conjugates as charge stabilizing "antenna-reaction center" mimics. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 8552-60	2.8	75
161	Supramolecular Triads of Free-Base Porphyrin, Fullerene, and Ferric Porphyrins via the Covalent-Coordinate Binding Approach: Formation, Sequential Electron Transfer, and Charge Stabilization. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 11123-11130	3.8	20
160	Oligosilane chain-length dependence of electron transfer of zinc porphyrin-oligosilane-fullerene molecules. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 2973-9	2.8	35
159	Photoinduced electron transfer in a Watson-Crick base-paired, 2-aminopurine:uracil-C60 hydrogen bonding conjugate. <i>Chemical Communications</i> , 2007 , 480-2	5.8	20
158	Through-space communication in a TTF-C60-TTF triad. <i>New Journal of Chemistry</i> , 2007 , 31, 230-236	3.6	12
157	Photoinduced electron transfer and hole migration along copolymer of vinylbenzopyrrolidinofullerene[60] and N-vinylcarbazole. <i>Journal of Nanoscience and Nanotechnology</i> , 2007 , 7, 1419-26	1.3	2
156	Synthesis, structures, and properties of meso-phosphorylporphyrins: self-organization through P-oxo-zinc coordination. <i>Chemistry - A European Journal</i> , 2007 , 13, 891-901	4.8	65
155	Photosynthetic reaction center mimicry of a "special pair" dimer linked to electron acceptors by a supramolecular approach: self-assembled cofacial zinc porphyrin dimer complexed with fullerene(s). <i>Chemistry - A European Journal</i> , 2007 , 13, 916-22	4.8	72
154	Synthesis and photoinduced electron-transfer process of a novel triphenylamine-substituted polyfluorene-C60 triad. <i>Chemistry - A European Journal</i> , 2007 , 13, 1709-14	4.8	21
153	Supramolecular triad and pentad composed of zinc-porphyrin(s), oxoporphyrinogen, and fullerene(s): design and electron-transfer studies. <i>Chemistry - A European Journal</i> , 2007 , 13, 4628-35	4.8	36
152	Synthesis and photoinduced intramolecular processes of fulleropyrrolidine-oligothiophenevinylene-ferrocene triads. <i>Chemistry - A European Journal</i> , 2007 , 13, 3924-33	4.8	33

151	Self-assembled single-walled carbon nanotube:zinc-porphyrin hybrids through ammonium ion-crown ether interaction: construction and electron transfer. <i>Chemistry - A European Journal</i> , 2007 , 13, 8277-84	4.8	73
150	Covalent Functionalization of Carbon Nanohorns with Porphyrins: Nanohybrid Formation and Photoinduced Electron and Energy Transfer. <i>Advanced Functional Materials</i> , 2007 , 17, 1705-1711	15.6	83
149	Donor-Acceptor Nanoensembles Based on Boron Nitride Nanotubes. <i>Advanced Materials</i> , 2007 , 19, 934-938	2.4	22
148	Comparison between the Photophysical Properties of Pyrazolo- and Isoxazolo[60]fullerenes with Dual Donors (Ferrocene, Aniline and Alkoxyphenyl). <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 2175-2185	3.2	18
147	Surface structure effect on optical properties of organic nanocrystals. <i>Chemical Physics Letters</i> , 2007 , 441, 106-108	2.5	13
146	Laser-induced electron pooling from carbon nanotubes dispersed in aqueous solution. <i>Carbon</i> , 2007 , 45, 684-687	10.4	2
145	Photophysical and nonlinear optical properties of Exo-bridged indium and gallium phthalocyanines. <i>Dyes and Pigments</i> , 2007 , 75, 88-92	4.6	22
144	Conformation effect of oligosilane linker on photoinduced electron transfer of tetrasilane-linked zinc porphyrin[60]fullerene dyads. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 356-367	2.3	32
143	Optoelectronic and nonlinear optical properties of tBu4PcTiO/polymer composite materials. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007 , 185, 263-270	4.7	22
142	Photoinduced charge injection and bandgap-engineering of high-specific-surface-area BN nanotubes using a zinc phthalocyanine monolayer. <i>Small</i> , 2007 , 3, 1330-5	11	8
141	Donor-Acceptor Nanohybrids of Zinc Naphthalocyanine or Zinc Porphyrin Noncovalently Linked to Single-Wall Carbon Nanotubes for Photoinduced Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 6947-6955	3.8	161
140	Light-Induced Electron Transfer of a Supramolecular Bis(Zinc Porphyrin)Fullerene Triad Constructed via a Diacetylamidopyridine/Uracil Hydrogen-Bonding Motif. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 12500-12503	3.8	39
139	Supramolecular Zinc PhthalocyaninePerylene Bisimide Triad: Synthesis and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 16096-16099	3.8	37
138	Intramolecular photoinduced electron-transfer processes in buta-1,3-diynyl-benzene-linked porphyrin-fullerene dyad. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007 , 11, 397-405	1.8	13
137	Intramolecular Singlet Excited Energy Transfer in a Zinc PorphyrinFree-base Porphyrin Dyad Linked with an Si-Si Bond. <i>Chemistry Letters</i> , 2007 , 36, 1112-1113	1.7	8
136	Self assembling of porphyrin-fullerene dyads in the Langmuir and Langmuir-Blodgett films: formation as well as spectral, electrochemical and vectorial electron transfer studies. <i>Journal of Nanoscience and Nanotechnology</i> , 2007 , 7, 1455-71	1.3	5
135	Supramolecular carbon nanotube-fullerene donor-acceptor hybrids for photoinduced electron transfer. <i>Journal of the American Chemical Society</i> , 2007 , 129, 15865-71	16.4	141
134	Photophysical properties of the newly synthesized triad based on [70]fullerene studies with laser flash photolysis. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 4335-41	3.4	11

133	Synthesis and Characterization of Phthalocyanine-Based Soluble Light-Harvesting CIGS Complex. <i>Chemistry of Materials</i> , 2007 , 19, 5256-5261	9.6	7
132	Photoinduced electron transfer in fullerene triads bearing pyrene and fluorene. <i>Chemical Physics</i> , 2006 , 325, 452-460	2.3	22
131	The steady-state and time-resolved photophysical properties of a dimeric indium phthalocyanine complex. <i>Materials Chemistry and Physics</i> , 2006 , 98, 212-216	4.4	11
130	A Novel Bis(zinc porphyrin)Doxoporphyrinogen Donor-Acceptor Triad: Synthesis, Electrochemical, Computational and Photochemical Studies. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 595-603	3.2	22
129	Synthesis and Photophysical Properties of a Pyrazolino[60]fullerene with Dimethylaniline Connected by an Acetylene Linkage. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 2344-2351	3.2	18
128	Intramolecular photoinduced processes of newly synthesized dual zinc porphyrin-fullerene triad with flexible linkers. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 1380-1391	1.8	7
127	Photoinduced Electron Transfer Processes in Rotaxanes Containing [60]Fullerene and Ferrocene: Effect of Axle Charge on Light-Induced Molecular Motion. <i>Australian Journal of Chemistry</i> , 2006 , 59, 186	1.2	21
126	Sodium Ion Effect on Photoinduced Electron Transfer of Porphyrin-Crown Ether-Affixed Quaterthiophene-[60]Fullerene Triad as a Gated Molecular Switch. <i>ECS Transactions</i> , 2006 , 2, 51-62	1	1
125	Photoinduced electron transfer processes in three component rotaxanes with porphyrins, [60]fullerene and triphenylamine. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 1346-1359	1.8	19
124	Photoinduced electron-transfer processes between phthalocyanines and perylene derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 1190-1196	1.8	7
123	A photoelectrochemical device with a nanostructured SnO ₂ electrode modified with composite clusters of porphyrin-modified silica nanoparticle and fullerene. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 11399-405	3.4	50
122	Photoinduced processes in a tricomponent molecule consisting of diphenylamino fluorene-dicyanoethylene-methano[60]fullerene. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 884-91	2.8	38
121	Potassium ion controlled switching of intra- to intermolecular electron transfer in crown ether appended free-base porphyrin-fullerene donor-acceptor systems. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 4338-47	2.8	39
120	Synthesis and photophysical properties of ruthenocene-[60]fullerene dyads. <i>New Journal of Chemistry</i> , 2006 , 30, 93-101	3.6	11
119	Design and studies on supramolecular ferrocene-porphyrin-fullerene constructs for generating long-lived charge separated states. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 25240-50	3.4	66
118	Effects of extension or prevention of pi-conjugation on photoinduced electron transfer processes of ferrocene-oligothiophene-fullerene triads. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 3471-9	2.8	29
117	Synthesis and photophysical properties of two dual oligothiophene-fullerene linkage molecules as photoinduced long-distance charge separation systems. <i>Journal of Organic Chemistry</i> , 2006 , 71, 1761-8	4.2	48
116	[60]Fullerene-perchlorotriphenylmethide anion triads. Synthesis and study of photoinduced intramolecular electron-transfer processes. <i>Journal of Materials Chemistry</i> , 2006 , 16, 112-121		9

115	Design, syntheses, and studies of supramolecular porphyrin-fullerene conjugates, using bis-18-crown-6 appended porphyrins and pyridine or alkyl ammonium functionalized fullerenes. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5905-13	3.4	44
114	Metal ion dependent fluorescence quenching in a crown ether bridged porphyrin-fullerene dyad. <i>Photochemical and Photobiological Sciences</i> , 2006 , 5, 1150-3	4.2	13
113	Electron transfer switching in supramolecular porphyrin-fullerene conjugates held by alkylammonium cation-crown ether binding. <i>Chemical Communications</i> , 2006 , 4327-9	5.8	25
112	Synthesis and photophysical properties of a [60]fullerene compound with dimethylaniline and ferrocene connected through a pyrazolino group: a study by laser flash photolysis. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 4104-11	3.6	13
111	Formation, spectral, electrochemical, and photochemical behavior of zinc N-confused porphyrin coordinated to imidazole functionalized fullerene dyads. <i>Inorganic Chemistry</i> , 2006 , 45, 5057-65	5.1	34
110	Photoinduced intramolecular electron-transfer reactions of reconstituted met- and zinc-myoglobins appending acridine and methylacridinium ion as DNA-binders. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 26413-23	3.4	13
109	Electronic interplay on illuminated aqueous carbon nanohorn-porphyrin ensembles. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 20729-32	3.4	75
108	Prolongation of the lifetime of the charge-separated state at low temperatures in a photoinduced electron-transfer system of [60]fullerene and ferrocene moieties tethered by rotaxane structures. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 6516-25	3.4	42
107	Carbon monoxide ligand-exchange reaction of triruthenium cluster complexes induced by photosensitized electron transfer: a new type of photoactive CO color sensor. <i>Inorganic Chemistry</i> , 2006 , 45, 6114-6	5.1	21
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