

Yasuyuki Araki

List of Publications by Year in descending order

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243
papers

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34076

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245
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245
docs citations

245
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Transfer Followed by Electron Transfer in a Supramolecular Triad Composed of Boron Dipyrin, Zinc Porphyrin, and Fullerene: A Model for the Photosynthetic Antenna-Reaction Center Complex. <i>Journal of the American Chemical Society</i> , 2004, 126, 7898-7907.	6.6	310
2	Axially modified gallium phthalocyanines and naphthalocyanines for optical limiting. <i>Chemical Society Reviews</i> , 2005, 34, 517.	18.7	293
3	Stepwise Charge Separation and Charge Recombination in Ferrocene-meso,meso-Linked Porphyrin Dimer~Fullerene Triad. <i>Journal of the American Chemical Society</i> , 2002, 124, 5165-5174.	6.6	215
4	Long-Lived Charge-Separated State Generated in a Ferrocene~meso,meso-Linked Porphyrin Trimer~Fullerene Pentad with a High Quantum Yield. <i>Chemistry - A European Journal</i> , 2004, 10, 3184-3196.	1.7	200
5	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.	1.5	168
6	Quinoxaline-Fused Porphyrins for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2008, 112, 4396-4405.	1.5	166
7	Naphthyl-Fused ~Elongated Porphyrins for Dye-Sensitized TiO ₂ Cells. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15576-15585.	1.5	150
8	Supramolecular Carbon Nanotube-Fullerene Donor~Acceptor Hybrids for Photoinduced Electron Transfer. <i>Journal of the American Chemical Society</i> , 2007, 129, 15865-15871.	6.6	144
9	Photoinduced Intrarotaxane Electron Transfer between Zinc Porphyrin and [60]Fullerene in Benzonitrile. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 681-683.	7.2	136
10	Long-Lived Triplet Excited States of Bent-Shaped Pentacene Dimers by Intramolecular Singlet Fission. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1867-1875.	1.1	133
11	Fullerene-Terminated Dendritic Multiporphyrin Arrays: Dendrimer Effects on Photoinduced Charge Separation. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4060-4063.	7.2	124
12	Pyrrolopyrrole aza-BODIPY analogues: a facile synthesis and intense fluorescence. <i>Chemical Communications</i> , 2013, 49, 1621.	2.2	123
13	Synthesis and Photophysical and Photovoltaic Properties of Porphyrin~Furan and ~Thiophene Alternating Copolymers. <i>Journal of Physical Chemistry C</i> , 2009, 113, 10798-10806.	1.5	113
14	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.	1.5	101
15	Structure and Photophysical Properties of Porphyrin-Modified Metal Nanoclusters with Different Chain Lengths. <i>Langmuir</i> , 2004, 20, 73-81.	1.6	99
16	Long-Lived Charge-Separated State Produced by Photoinduced Electron Transfer in a Zinc Imidazoporphyrin-C60Dyad. <i>Organic Letters</i> , 2003, 5, 2719-2721.	2.4	96
17	Covalent Functionalization of Carbon Nanohorns with Porphyrins: Nanohybrid Formation and Photoinduced Electron and Energy Transfer. <i>Advanced Functional Materials</i> , 2007, 17, 1705-1711.	7.8	92
18	Supramolecular Triads Formed by Axial Coordination of Fullerene to Covalently Linked Zinc Porphyrin~Ferrocene(s): Design, Syntheses, Electrochemistry, and Photochemistry. <i>Journal of Physical Chemistry B</i> , 2004, 108, 11333-11343.	1.2	88

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19	Effects of Hydrogen Bonding on Metal Ion-Promoted Intramolecular Electron Transfer and Photoinduced Electron Transfer in a Ferrocene-Quinone Dyad with a Rigid Amide Spacer. <i>Journal of the American Chemical Society</i> , 2003, 125, 1007-1013.	6.6	87
20	Supramolecular porphyrinâ€‘fullerene via â€‘two-pointâ€‘™ binding strategy: Axial-coordination and cationâ€‘crown ether complexation. <i>Chemical Communications</i> , 2005, , 1279-1281.	2.2	87
21	Photoinduced Electron Transfer in Porphyrin-Oligothiophene-Fullerene Linked Triads by Excitation of a Porphyrin Moiety. <i>Journal of Physical Chemistry B</i> , 2004, 108, 10700-10710.	1.2	86
22	Effect of Axial Ligation or Î€-Î€-Type Interactions on Photochemical Charge Stabilization in â€‘Two-Pointâ€‘ Bound Supramolecular Porphyrin-Fullerene Conjugates. <i>Chemistry - A European Journal</i> , 2005, 11, 4416-4428.	1.7	84
23	Fullerene-encapsulated porphyrin hexagonal nanorods. An anisotropic donorâ€‘acceptor composite for efficient photoinduced electron transfer and light energy conversion. <i>Chemical Communications</i> , 2008, , 3372.	2.2	84
24	Synthetic Control of the Excitedâ€‘State Dynamics and Circularly Polarized Luminescence of Fluorescent â€‘Pushâ€‘Pullâ€‘Tetrathia[9]helicenes. <i>Chemistry - A European Journal</i> , 2016, 22, 4263-4273.	1.7	83
25	Multi-Triphenylamine-Substituted Porphyrin-Fullerene Conjugates as Charge Stabilizing â€‘Antennaâ€‘ Reaction Centerâ€‘Mimics. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8552-8560.	1.1	81
26	Vectorial Electron Relay at ITO Electrodes Modified with Self-Assembled Monolayers of Ferroceneâ€‘Porphyrinâ€‘Fullerene Triads and Porphyrinâ€‘Fullerene Dyads for Molecular Photovoltaic Devices. <i>Chemistry - A European Journal</i> , 2004, 10, 5111-5122.	1.7	79
27	Electronic Interplay on Illuminated Aqueous Carbon Nanohornâ€‘Porphyrin Ensembles. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20729-20732.	1.2	79
28	Energy Transfer Followed by Electron Transfer in a Porphyrin Macrocycle and Central Acceptor Ligand: A Model for a Photosynthetic Composite of the Lightâ€‘Harvesting Complex and Reaction Center. <i>Chemistry - A European Journal</i> , 2009, 15, 2317-2327.	1.7	78
29	Selfâ€‘Assembled Singleâ€‘Walled Carbon Nanotube:Zincâ€‘Porphyrin Hybrids through Ammonium Ionâ€‘Crown Ether Interaction: Construction and Electron Transfer. <i>Chemistry - A European Journal</i> , 2007, 13, 8277-8284.	1.7	77
30	Photoinduced Microsecond-Charge-Separation in Retinyl-C60 Dyad. <i>Journal of Physical Chemistry A</i> , 2001, 105, 8615-8622.	1.1	76
31	Photosynthetic Reaction Center Mimicry of a â€‘Special Pairâ€‘ 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, 916-922.	1.7	75
32	Photoinduced Electron-Transfer Processes between [C60]Fullerene and Triphenylamine Moieties Tethered by Rotaxane Structures. Through-Space Electron Transfer via Excited Triplet States of [60]Fullerene. <i>Journal of Physical Chemistry A</i> , 2004, 108, 5145-5155.	1.1	73
33	Multiple photosynthetic reaction centres composed of supramolecular assemblies of zinc porphyrin dendrimers with a fullerene acceptor. <i>Chemical Communications</i> , 2011, 47, 7980.	2.2	73
34	Design and Studies on Supramolecular Ferroceneâ€‘Porphyrinâ€‘Fullerene Constructs for Generating Long-Lived Charge Separated States. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25240-25250.	1.2	72
35	Self-Assembled via Axial Coordination Magnesium Porphyrinâ€‘Imidazole Appended Fullerene Dyad:Â Spectroscopic, Electrochemical, Computational, and Photochemical Studies. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10107-10114.	1.2	71
36	Synthesis, Structures, and Properties of meso-Phosphorylporphyrins: Self-Organization through Pâ€‘Oxoâ€‘Zinc Coordination. <i>Chemistry - A European Journal</i> , 2007, 13, 891-901.	1.7	71

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37	Synthesis and Photophysical Properties of Ferrocene- <i>o</i> -Oligothiophene- <i>o</i> -Fullerene Triads. <i>Journal of Organic Chemistry</i> , 2004, 69, 7183-7189.	1.7	68
38	Supramolecular complex composed of a covalently linked zinc porphyrin dimer and fulleropyrrolidine bearing two axially coordinating pyridine entities. <i>Chemical Communications</i> , 2004, , 2276.	2.2	64
39	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.	1.5	63
40	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.	5.6	62
41	Synthesis of the Axially Substituted Titanium Pc-C60Dyad with a Convenient Method. <i>Organic Letters</i> , 2005, 7, 1613-1616.	2.4	61
42	Synthesis and Photoinduced Electron Transfer Processes of Rotaxanes Bearing [60]Fullerene and Zinc Porphyrin: Effects of Interlocked Structure and Length of Axle with Porphyrins. <i>Journal of Physical Chemistry B</i> , 2005, 109, 2516-2525.	1.2	61
43	Light Harvesting Supramolecular Porphyrin Macrocyclic Accommodating a Fullerene-Tripodal Ligand. <i>Chemistry - A European Journal</i> , 2008, 14, 2827-2841.	1.7	59
44	Photophysical and Optical Limiting Properties of Axially Modified Phthalocyanines. <i>Mini-Reviews in Organic Chemistry</i> , 2009, 6, 55-65.	0.6	59
45	Dyads and Triads Containing Perylene-tetracarboxylic Diimide and Porphyrin: Efficient Photoinduced Electron Transfer Elicited via Both Excited Singlet States. <i>Journal of Physical Chemistry B</i> , 2005, 109, 3658-3667.	1.2	57
46	Scandium Ion-Promoted Photoinduced Electron-Transfer Oxidation of Fullerenes and Derivatives by <i>p</i> -Chloranil and <i>p</i> -Benzoquinone. <i>Journal of the American Chemical Society</i> , 2001, 123, 12458-12465.	6.6	56
47	Inter- and Intramolecular Photoinduced Electron-Transfer Processes between C60 and Diphenylaminofluorene in Solutions. <i>Journal of Physical Chemistry B</i> , 2003, 107, 9312-9318.	1.2	56
48	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.	1.5	55
49	Circular Polarized Luminescence of Hydrogen-Bonded Molecular Assemblies of Chiral Pyrene Derivatives. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6323-6331.	1.5	55
50	Polyether-Bridged Sexithiophene as a Complexation-Gated Molecular Wire for Intramolecular Photoinduced Electron Transfer. <i>Journal of the American Chemical Society</i> , 2005, 127, 15372-15373.	6.6	54
51	Hydrogen-Bonding Dynamics in Photoinduced Electron Transfer in a Ferrocene- <i>o</i> -Quinone Linked Dyad with a Rigid Amide Spacer. <i>Journal of the American Chemical Society</i> , 2002, 124, 6794-6795.	6.6	52
52	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, 11399-11405.	1.2	52
53	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, 1761-1768.	1.7	52
54	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, 3910-3917.	1.2	52

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55	Spectral, electrochemical, and photophysical studies of a magnesium porphyrin–fullerene dyad. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 3163.	1.3	51
56	Supramolecular Porphyrin Assemblies through Amidinium–Carboxylate Salt Bridges and Fast Intra-Ensemble Excited Energy Transfer. <i>Chemistry - A European Journal</i> , 2004, 10, 3461-3466.	1.7	50
57	Photoinduced Charge Separation and Charge Recombination in [60]Fullerene–Ethylcarbazole and [60]Fullerene–Triphenylamines in Polar Solvents. <i>Journal of Physical Chemistry A</i> , 2005, 109, 4713-4720.	1.1	50
58	The Isoindazole Nucleus as a Donor in Fullerene-Based Dyads. Evidence for Electron Transfer. <i>Journal of Organic Chemistry</i> , 2004, 69, 2661-2668.	1.7	48
59	Binding of Oxygen and Carbon Monoxide to a Heme-regulated Phosphodiesterase from <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 3340-3347.	1.6	46
60	Excitations, optical absorption spectra, and optical excitonic gaps of heterofullerenes. I. C ₆₀ , C ₅₉ N ⁺ , and C ₄₈ N ₁₂ : Theory and experiment. <i>Journal of Chemical Physics</i> , 2004, 120, 5133-5147.	1.2	46
61	Control of Photoinduced Energy- and Electron-Transfer Steps in Zinc Porphyrin–Oligothiophene–Fullerene Linked Triads with Solvent Polarity. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14365-14374.	1.2	46
62	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, 5905-5913.	1.2	46
63	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.	1.5	46
64	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, 4338-4347.	1.1	44
65	Linkage Dependent Charge Separation and Charge Recombination in Porphyrin-Pyromellitimide-Fullerene Triads. <i>Journal of Physical Chemistry A</i> , 2002, 106, 2803-2814.	1.1	43
66	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, 6516-6525.	1.2	43
67	Novel Photocatalytic Function of Porphyrin-Modified Gold Nanoclusters in Comparison with the Reference Porphyrin Compound. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11979-11986.	1.2	42
68	Photoinduced Charge Separation and Charge Recombination in [60]Fullerene-(Benzothiadiazole-Triphenylamine) Based Dyad in Polar Solvents. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19995-20004.	1.2	42
69	Strong Inhibition of Singlet Oxygen Sensitization in Pyridylferrocene–Fluorinated Zinc Porphyrin Supramolecular Complexes. <i>Journal of Physical Chemistry A</i> , 2003, 107, 5515-5522.	1.1	41
70	Arg97 at the Heme-Distal Side of the Isolated Heme-Bound PAS Domain of a Heme-Based Oxygen Sensor from <i>Escherichia coli</i> (Ec DOS) Plays Critical Roles in Autoxidation and Binding to Gases, Particularly O ₂ . <i>Biochemistry</i> , 2008, 47, 8874-8884.	1.2	41
71	Photoinduced electron-transfer processes in C ₆₀ -tetrathiafulvalene dyads containing a short or long flexible spacer. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 5944-5951.	1.3	40
72	Photophysical Study of New Methanofullerene–TTF Dyads: An Obvious Intramolecular Charge Transfer in the Ground States. <i>Journal of Physical Chemistry A</i> , 2004, 108, 1881-1890.	1.1	40

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73	Photoinduced Electron Transfer Competitive with Energy Transfer of the Excited Triplet State of [60]Fullerene to Ferrocene Derivatives Revealed by Combination of Transient Absorption and Thermal Lens Measurements. <i>Journal of Physical Chemistry B</i> , 2005, 109, 9843-9848.	1.2	40
74	Photoinduced Processes in a Tricomponent Molecule Consisting of Diphenylaminofluorene π -Dicyanoethylene π -Methano[60]fullerene. <i>Journal of Physical Chemistry A</i> , 2006, 110, 884-891.	1.1	40
75	Large Reorganization Energy of Pyrrolidine-Substituted Perylenediimide in Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2007, 111, 6133-6142.	1.5	40
76	High effectiveness of oligothiophenevinylene as molecular wires in Zn-porphyrin and C60 connected systems. <i>Chemical Communications</i> , 2007, , 4498.	2.2	40
77	Supramolecular Triad and Pentad Composed of Zinc π -Porphyrin(s), Oxoporphyrinogen, and Fullerene(s): Design and Electron-Transfer Studies. <i>Chemistry - A European Journal</i> , 2007, 13, 4628-4635.	1.7	40
78	Photoinduced Electron-Transfer Processes of Tetrathiafulvalene-(Spacer)-(Naphthalenediimide)-(Spacer)-Tertrathiafulvalene Triads in Solution. <i>Journal of Physical Chemistry A</i> , 2003, 107, 9747-9753.	1.1	39
79	Synthesis, Characterization, and Optoelectronic Properties of a Novel Polyfluorene/Poly(p-Phenylenevinylene) Copolymer. <i>Chemistry of Materials</i> , 2005, 17, 1661-1666.	3.2	39
80	Oligosilane Chain-Length Dependence of Electron Transfer of Zinc Porphyrin π -Oligosilane π -Fullerene Molecules. <i>Journal of Physical Chemistry A</i> , 2007, 111, 2973-2979.	1.1	39
81	Light-Induced Electron Transfer of a Supramolecular Bis(Zinc Porphyrin) π -Fullerene Triad Constructed via a Diacetylamidopyridine/Uracil Hydrogen-Bonding Motif. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12500-12503.	1.5	39
82	Supramolecular Zinc Phthalocyanine π -Perylene Bisimide Triad: Synthesis and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2007, 111, 16096-16099.	1.5	39
83	Protonation-induced red-coloured circularly polarized luminescence of [5]carbohelicene fused by benzimidazole. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6738-6743.	1.5	39
84	Tuning spectral properties of fullerenes by substitutional doping. <i>Physical Review B</i> , 2004, 69, .	1.1	37
85	Synthesis and spectroscopic analysis of tetraphenylporphyrinatoantimony(V) complexes linked to boron-dipyrroin chromophore on axial ligands. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 170, 287-297.	2.0	36
86	Efficiency of singlet oxygen production from self-assembled nanospheres of molecular micelle-like photosensitizers FC4S. <i>Journal of Materials Chemistry</i> , 2005, 15, 1857.	6.7	36
87	Formation, Spectral, Electrochemical, and Photochemical Behavior of Zinc N-Confused Porphyrin Coordinated to Imidazole Functionalized Fullerene Dyads. <i>Inorganic Chemistry</i> , 2006, 45, 5057-5065.	1.9	36
88	Light-induced Electron Transfer on the Single Wall Carbon Nanotube Surrounded in Anthracene Dendron in Aqueous Solution. <i>Chemistry Letters</i> , 2006, 35, 1188-1189.	0.7	36
89	Conformation effect of oligosilane linker on photoinduced electron transfer of tetrasilane-linked zinc porphyrin π -[60]fullerene dyads. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 356-367.	0.8	36
90	A Dramatic Elongation of the Lifetime of Charge-Separated State by Complexation with Yttrium Triflate in Ferrocene π -Anthraquinone Linked Dyad. <i>Journal of the American Chemical Society</i> , 2004, 126, 56-57.	6.6	35

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91	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.	6.7	35
92	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.	1.1	35
93	Photoinduced electron- and energy-transfer processes of [60]fullerene covalently bonded with one and two zinc porphyrin(s): effects of coordination of pyridine and diazabicyclooctane to Zn atom. <i>Journal of Materials Chemistry</i> , 2005, 15, 2276.	6.7	34
94	Twisted, Two-Faced Porphyrins as Hosts for Bispyridyl Fullerenes: Construction and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10559-10572.	1.5	34
95	Photoinduced electron transfer between metal octaethylporphyrins and fullerenes (C ₆₀ /C ₇₀) studied by laser flash photolysis: electron-mediating and hole-shifting cycles. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 3322-3329.	1.3	33
96	Synthesis and Photoinduced Intramolecular Processes of Fulleropyrrolidine~Oligothiénylenevinylene~Ferrocene Triads. <i>Chemistry - A European Journal</i> , 2007, 13, 3924-3933.	1.7	33
97	Double Helices of a Pyridine-Appended Zinc Chlorophyll Derivative. <i>Journal of the American Chemical Society</i> , 2013, 135, 5262-5265.	6.6	33
98	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 705-707.	1.6	31
99	Photoinduced Processes of Subphthalocyanine~Diazobenzene~Fullerene Triad as an Efficient Excited Energy Transfer System. <i>Chemistry Letters</i> , 2008, 37, 544-545.	0.7	31
100	Intramolecular Photoinduced Electron-Transfer Processes in Tetrathienylethylene~Quaterthiophene~[60]Fullerene Triad in Solutions. <i>Journal of Physical Chemistry A</i> , 2004, 108, 250-256.	1.1	30
101	Control of Electron Acceptor Ability with Ligands (L) in Photoinduced Electron Transfer from Zinc Porphyrin or Zinc Phthalocyanine to [Ru ₃ (I _{1/2} -O)(I _{1/4} -CH ₃ COO) ₆ L ₃] ⁺ . <i>Inorganic Chemistry</i> , 2005, 44, 1580-1587.	1.9	30
102	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, 3776-3784.	1.7	30
103	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.	1.5	30
104	The time-resolved absorption-detected magnetic resonance spectrum of the polymethylene linked biradical: effect of the exchange integral. <i>Chemical Physics Letters</i> , 1996, 262, 110-114.	1.2	29
105	Regioreversed Thermal and Photochemical Reduction of 10-Methylacridinium and 1-Methylquinolinium Ions by Organosilanes and Organostannanes. <i>Journal of Physical Chemistry A</i> , 2001, 105, 1857-1868.	1.1	29
106	Photophysical studies on axially substituted indium and gallium phthalocyanines upon UV~Vis laser irradiation. <i>Solid State Communications</i> , 2004, 131, 773-778.	0.9	29
107	Photoinduced Charge Separation and Charge Recombination in the [60]Fullerene~Diphenylbenzothiadiazole~Triphenylamine Triad:~Role of Diphenylbenzothiadiazole as Bridge. <i>Journal of Physical Chemistry B</i> , 2005, 109, 22502-22512.	1.2	29
108	Effects of Extension or Prevention of ~Conjugation on Photoinduced Electron Transfer Processes of Ferrocene~Oligothiophene~Fullerene Triads. <i>Journal of Physical Chemistry A</i> , 2006, 110, 3471-3479.	1.1	29

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109	Photoinduced electron transfer of zinc porphyrin-oligo(thienylenevinylene)-fullerene[60] triads; thienylenevinylens as efficient molecular wires. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2443-2451.	1.3	27
110	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, 10099-10109.	1.7	27
111	Large Substituent Effect on the Photochemical Rearrangement of 1,6-(N-Aryl)aza-[60]fulleroids to 1,2-(N-Arylaziridino)-[60]fullerenes. <i>Journal of the American Chemical Society</i> , 2002, 124, 13364-13365.	6.6	26
112	Photoinduced electron transfer processes of a fused C60-TTF-C60 dumbbell triad. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 4583-4592.	1.3	26
113	Electron Transfer Properties of Singlet Oxygen and Promoting Effects of Scandium Ion. <i>Journal of Physical Chemistry A</i> , 2002, 106, 1241-1247.	1.1	25
114	Electron transfer switching in supramolecular porphyrin-fullerene conjugates held by alkylammonium cation-crown ether binding. <i>Chemical Communications</i> , 2006, , 4327-4329.	2.2	25
115	Photoinduced Electron Transfer of Dialkynyldisilane-Linked Zinc Porphyrin-[60]Fullerene Dyad. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 1338-1346.	2.0	25
116	Synthesis and characterization of porphyrin-ferrocene-fullerene triads. <i>Tetrahedron</i> , 2006, 62, 4285-4293.	1.0	25
117	A Novel Bis(zinc-porphyrin)-Oxoporphyrinogen Donor-Acceptor Triad: Synthesis, Electrochemical, Computational and Photochemical Studies. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 595-603.	1.2	25
118	Self-Assembled Supramolecular Ferrocene-Fullerene Dyads and Triad: Formation and Photoinduced Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2222-2229.	1.5	25
119	Fluorescence Up-Conversion Study of Excitation Energy Transport Dynamics in Oligothiophene-Fullerene Linked Dyads. <i>Journal of Physical Chemistry A</i> , 2008, 112, 1125-1132.	1.1	25
120	The effect of atomic nitrogen on the C ₆₀ cage. <i>Chemical Communications</i> , 2010, 46, 631-633.	2.2	25
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