List of Publications by Year in descending order

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207 papers	20,782 citations	10650 74 h-index	11608 140 g-index
212 all docs	212 docs citations	212 times ranked	16518 citing authors

#	Article	IF	Citations
1	Tuning the redox potential of tyrosine-histidine bioinspired assemblies. Photosynthesis Research, 2022, 151, 185-193.	1.6	4
2	Dual Singlet Excited-State Quenching Mechanisms in an Artificial Caroteno-Phthalocyanine Light Harvesting Antenna. ACS Physical Chemistry Au, 2022, 2, 59-67.	1.9	3
3	Ir(III)-Naphthoquinone complex as a platform for photocatalytic activity. Journal of Photochemistry and Photobiology, 2022, 9, 100098.	1.1	2
4	Electrochemically Driven Photosynthetic Electron Transport in Cyanobacteria Lacking Photosystem II. Journal of the American Chemical Society, 2022, 144, 2933-2942.	6.6	20
5	Concerted Electron-Nuclear Motion in Proton-Coupled Electron Transfer-Driven Grotthuss-Type Proton Translocation. Journal of Physical Chemistry Letters, 2022, , 4479-4485.	2.1	4
6	Incorporation of N and O into the Shell of Silicon Nanoparticles Offers Tunable Photoluminescence for Imaging Uses. ACS Applied Nano Materials, 2022, 5, 8105-8119.	2.4	4
7	Multi PCET in symmetrically substituted benzimidazoles. Chemical Science, 2021, 12, 12667-12675.	3.7	5
8	Electronâ€“Nuclear Dynamics Accompanying Proton-Coupled Electron Transfer. Journal of the American Chemical Society, 2021, 143, 3104-3112.	6.6	21
9	Models to study photoinduced multiple proton coupled electron transfer processes. Journal of Porphyrins and Phthalocyanines, 2021, 25, 674-682.	0.4	4
10	PCET-Based Ligand Limits Charge Recombination with an Ir(III) Photoredox Catalyst. Journal of the American Chemical Society, 2021, 143, 13034-13043.	6.6	20
11	HYSCORE and DFT Studies of Proton-Coupled Electron Transfer in a Bioinspired Artificial Photosynthetic Reaction Center. IScience, 2020, 23, 101366.	1.9	2
12	One Electron Multiple Proton Transfer in Model Organic Donorâ€“Acceptor Systems: Implications for High-Frequency EPR. Applied Magnetic Resonance, 2020, 51, 977-991.	0.6	1
13	Role of Intact Hydrogen-Bond Networks in Multiproton-Coupled Electron Transfer. Journal of the American Chemical Society, 2020, 142, 21842-21851.	6.6	23
14	Proton-coupled electron transfer across benzimidazole bridges in bioinspired proton wires. Chemical Science, 2020, 11, 3820-3828.	3.7	23
15	Electronic Structure and Tripletâ€“Triplet Energy Transfer in Artificial Photosynthetic Antennas. Photochemistry and Photobiology, 2019, 95, 211-219.	1.3	7
16	Proton-Coupled Electron Transfer Drives Long-Range Proton Translocation in Bioinspired Systems. Journal of the American Chemical Society, 2019, 141, 14057-14061.	6.6	33
17	Design and synthesis of benzimidazole phenol-porphyrin dyads for the study of bioinspired photoinduced proton-coupled electron transfer. Journal of Porphyrins and Phthalocyanines, 2019, 23, 1336-1345.	0.4	7
18	Proton-Coupled Electron Transfer in Artificial Photosynthetic Systems. Accounts of Chemical Research, 2018, 51, 445-453.	7.6	114

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19	Controlling Proton-Coupled Electron Transfer in Bioinspired Artificial Photosynthetic Relays. Journal of the American Chemical Society, 2018, 140, 15450-15460.	6.6	52
20	Concerted One-Electron Two-Proton Transfer Processes in Models Inspired by the Tyr-His Couple of Photosystem II. ACS Central Science, 2017, 3, 372-380.	5.3	80
21	Two-Photon Spectra of Chlorophylls and Carotenoidâ€“Tetrapyrrole Dyads. Journal of Physical Chemistry B, 2017, 121, 10055-10063.	1.2	13
22	Understanding iridium oxide nanoparticle surface sites by their interaction with catechol. Physical Chemistry Chemical Physics, 2017, 19, 16151-16158.	1.3	8
23	Tripletâ€“triplet energy transfer in artificial and natural photosynthetic antennas. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5513-E5521.	3.3	24
24	Artificial photosynthetic antennas and reaction centers. Comptes Rendus Chimie, 2017, 20, 296-313.	0.2	41
25	Synthesis of a novel building block for the preparation of multi-chromophoric sensitizers for panchromatic dye-sensitized solar cells. Dyes and Pigments, 2017, 136, 893-897.	2.0	16
26	Marcus Bell-Shaped Electron Transfer Kinetics Observed in an Arrhenius Plot. Journal of the American Chemical Society, 2016, 138, 9251-9257.	6.6	44
27	A tandem dye-sensitized photoelectrochemical cell for light driven hydrogen production. Energy and Environmental Science, 2016, 9, 1812-1817.	15.6	51
28	Artificial Photosynthetic Reaction Center Exhibiting Acid-Responsive Regulation of Photoinduced Charge Separation. Journal of Physical Chemistry B, 2016, 120, 10553-10562.	1.2	6
29	Photoinduced Electron and Energy Transfer in a Molecular Triad Featuring a Fullerene Redox Mediator. Journal of Physical Chemistry B, 2016, 120, 6687-6697.	1.2	11
30	Kinetic isotope effect of proton-coupled electron transfer in a hydrogen bonded phenolâ€”pyrrolidino[60]fullerene. Photochemical and Photobiological Sciences, 2015, 14, 2147-2150.	1.6	7
31	Metal-free organic sensitizers for use in water-splitting dye-sensitized photoelectrochemical cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1681-1686.	3.3	133
32	Building and testing correlations for the estimation of oneâ€electron reduction potentials of a diverse set of organic molecules. Journal of Physical Organic Chemistry, 2015, 28, 320-328.	0.9	24
33	Design, synthesis and photophysical studies of phenylethynyl-bridged phthalocyanine-fullerene dyads. Journal of Porphyrins and Phthalocyanines, 2015, 19, 934-945.	0.4	6
34	Spectroscopic Analysis of a Biomimetic Model of Tyr_Z Function in PSII. Journal of Physical Chemistry B, 2015, 119, 12156-12163.	1.2	10
35	Photoinjection of High Potential Holes into Cu₅Ta₁₁O₃₀ Nanoparticles by Porphyrin Dyes. Journal of Physical Chemistry C, 2015, 119, 21294-21303.	1.5	9
36	Artificial Photosynthesis: From Molecular to Hybrid Nanoconstructs. , 2015, , 71-98.		6

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37	Evolution of reaction center mimics to systems capable of generating solar fuel. Photosynthesis Research, 2014, 120, 59-70.	1.6	64
38	A bioinspired redox relay that mimics radical interactions of the Tyrâ€“His pairs of photosystem II. Nature Chemistry, 2014, 6, 423-428.	6.6	133
39	Synthesis and spectroscopic properties of a soluble semiconducting porphyrin polymer. Physical Chemistry Chemical Physics, 2014, 16, 17569.	1.3	14
40	Modulating Short Wavelength Fluorescence with Long Wavelength Light. Journal of the American Chemical Society, 2014, 136, 11994-12003.	6.6	19
41	Serial time-resolved crystallography of photosystem II using a femtosecond X-ray laser. Nature, 2014, 513, 261-265.	13.7	403
42	Simple and accurate correlation of experimental redox potentials and DFT-calculated HOMO/LUMO energies of polycyclic aromatic hydrocarbons. Journal of Molecular Modeling, 2013, 19, 2845-2848.	0.8	104
43	Comparison of silatrane, phosphonic acid, and carboxylic acid functional groups for attachment of porphyrin sensitizers to TiO2 in photoelectrochemical cells. Physical Chemistry Chemical Physics, 2013, 15, 16605.	1.3	146
44	Photonic Modulation of Electron Transfer with Switchable Phase Inversion. Journal of Physical Chemistry A, 2013, 117, 607-615.	1.1	26
45	Carotenoids as electron or excited-state energy donors in artificial photosynthesis: an ultrafast investigation of a carotenoporphyrin and a carotenofullerene dyad. Physical Chemistry Chemical Physics, 2013, 15, 4775.	1.3	31
46	Hole Mobility in Porphyrin- and Porphyrin-Fullerene Electropolymers. Journal of Physical Chemistry B, 2013, 117, 426-432.	1.2	19
47	Selective oxidative synthesis of meso-beta fused porphyrin dimers. Journal of Porphyrins and Phthalocyanines, 2013, 17, 247-251.	0.4	15
48	Artificial Photosynthetic Reaction Center with a Coumarin-Based Antenna System. Journal of Physical Chemistry B, 2013, 117, 11299-11308.	1.2	45
49	Analog Applications of Photochemical Switches. Advanced Materials, 2013, 25, 456-461.	11.1	22
50	Base-Catalyzed Direct Conversion of Dipyrromethanes to 1,9-Dicarbinols: A [2 + 2] Approach for Porphyrins. Organic Letters, 2012, 14, 1776-1779.	2.4	13
51	New light-harvesting roles of hot and forbidden carotenoid states in artificial photosynthetic constructs. Chemical Science, 2012, 3, 2052.	3.7	21
52	Catalytic Turnover of [FeFe]-Hydrogenase Based on Single-Molecule Imaging. Journal of the American Chemical Society, 2012, 134, 1577-1582.	6.6	172
53	Data and signal processing using photochromic molecules. Chemical Communications, 2012, 48, 1947-1957.	2.2	175
54	Improving the efficiency of water splitting in dye-sensitized solar cells by using a biomimetic electron transfer mediator. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15612-15616.	3.3	280

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55	Mimicking the electron transfer chain in photosystem II with a molecular triad thermodynamically capable of water oxidation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15578-15583.	3.3	110
56	Optical and electrochemical properties of hydrogen-bonded phenol-pyrrolidino[60]fullerenes. Photochemical and Photobiological Sciences, 2012, 11, 1018-1025.	1.6	7
57	Realizing artificial photosynthesis. Faraday Discussions, 2012, 155, 9-26.	1.6	194
58	Intramolecular hydrogen bonding as a synthetic tool to induce chemical selectivity in acid catalyzed porphyrin synthesis. Chemical Communications, 2012, 48, 4558.	2.2	14
59	On the role of excitonic interactions in carotenoidâ€“phthalocyanine dyads and implications for photosynthetic regulation. Photosynthesis Research, 2012, 111, 237-243.	1.6	22
60	Two-Photon Study on the Electronic Interactions between the First Excited Singlet States in Carotenoidâ^Tetrapyrrole Dyads. Journal of Physical Chemistry A, 2011, 115, 4082-4091.	1.1	35
61	A porphyrin-stabilized iridium oxide water oxidation catalyst. Canadian Journal of Chemistry, 2011, 89, 152-157.	0.6	18
62	Mimicking the Role of the Antenna in Photosynthetic Photoprotection. Journal of the American Chemical Society, 2011, 133, 2916-2922.	6.6	73
63	Oxidative coupling of porphyrins using copper(ii) salts. Chemical Communications, 2011, 47, 10034.	2.2	39
64	Carotenoid Photoprotection in Artificial Photosynthetic Antennas. Journal of the American Chemical Society, 2011, 133, 7007-7015.	6.6	70
65	Conformationally Constrained Macrocyclic Diporphyrinâ^Fullerene Artificial Photosynthetic Reaction Center. Journal of the American Chemical Society, 2011, 133, 2944-2954.	6.6	79
66	Synthesis and characterization of silicon phthalocyanines bearing axial phenoxyl groups for attachment to semiconducting metal oxides. Journal of Porphyrins and Phthalocyanines, 2011, 15, 943-950.	0.4	14
67	Photochemical Synthesis of a Water Oxidation Catalyst Based on Cobalt Nanostructures. Journal of the American Chemical Society, 2011, 133, 16742-16745.	6.6	87
68	All-Photonic Multifunctional Molecular Logic Device. Journal of the American Chemical Society, 2011, 133, 11641-11648.	6.6	290
69	A dihydroindolizine-porphyrin dyad as molecule-based all-photonic AND and NAND gates. Dyes and Pigments, 2011, 89, 284-289.	2.0	10
70	A photo- and electrochemically-active porphyrinâ€“fullerene dyad electropolymer. Photochemical and Photobiological Sciences, 2010, 9, 890-900.	1.6	34
71	Photochemical â€œTriodeâ€•Molecular Signal Transducer. Journal of the American Chemical Society, 2010, 132, 6588-6595.	6.6	50
72	Effects of Protonation State on a Tyrosineâ^Histidine Bioinspired Redox Mediatorâ€. Journal of Physical Chemistry B, 2010, 114, 14450-14457.	1.2	61

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73	1-(3â€²-amino)propylsilatrane derivatives as covalent surface linkers to nanoparticulate metal oxide films for use in photoelectrochemical cells. Nanotechnology, 2009, 20, 505203.	1.3	49
74	An Allâ€Photonic Molecular Keypad Lock. Chemistry - A European Journal, 2009, 15, 3936-3939.	1.7	125
75	Photoassisted Overall Water Splitting in a Visible Light-Absorbing Dye-Sensitized Photoelectrochemical Cell. Journal of the American Chemical Society, 2009, 131, 926-927.	6.6	841
76	Solar Fuels via Artificial Photosynthesis. Accounts of Chemical Research, 2009, 42, 1890-1898.	7.6	1,845
77	Biology and technology for photochemical fuel production. Chemical Society Reviews, 2009, 38, 25-35.	18.7	247
78	Multiantenna Artificial Photosynthetic Reaction Center Complex. Journal of Physical Chemistry B, 2009, 113, 7147-7155.	1.2	104
79	Solar energy conversion in a photoelectrochemical biofuel cell. Dalton Transactions, 2009, , 9979.	1.6	59
80	Coherent control of the efficiency of an artificial light-harvesting complex. Springer Series in Chemical Physics, 2009, , 454-456.	0.2	0
81	[FeFe]-Hydrogenase-Catalyzed H₂ Production in a Photoelectrochemical Biofuel Cell. Journal of the American Chemical Society, 2008, 130, 2015-2022.	6.6	304
82	Entropic Changes Control the Charge Separation Process in Triads Mimicking Photosynthetic Charge Separation. Journal of Physical Chemistry A, 2008, 112, 4215-4223.	1.1	52
83	A Bioinspired Construct That Mimics the Proton Coupled Electron Transfer between P680^{â€¢+} and the Tyr_Z-His190 Pair of Photosystem II. Journal of the American Chemical Society, 2008, 130, 10466-10467.	6.6	156
84	Self-regulation of photoinduced electron transfer by a molecular nonlinear transducer. Nature Nanotechnology, 2008, 3, 280-283.	15.6	87
85	Molecular All-Photonic Encoderâ“Decoder. Journal of the American Chemical Society, 2008, 130, 11122-11128.	6.6	184
86	Ultrafast Energy Transfer Dynamics of a Bioinspired Dyad Molecule. Journal of Physical Chemistry B, 2008, 112, 2678-2685.	1.2	21
87	Porphyrin-Based Hole Conducting Electropolymer. Chemistry of Materials, 2008, 20, 135-142.	3.2	65
88	Controlling the efficiency of an artificial light-harvesting complex. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7641-7646.	3.3	67
89	A Molecule-Based 1:2 Digital Demultiplexer. Journal of Physical Chemistry C, 2007, 111, 14274-14278.	1.5	91
90	Energy Transfer, Excited-State Deactivation, and Exciplex Formation in Artificial Caroteno-Phthalocyanine Light-Harvesting Antennasâ€. Journal of Physical Chemistry B, 2007, 111, 6868-6877.	1.2	62

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91	Parameters affecting the chemical work output of a hybrid photoelectrochemical biofuel cell. Photochemical and Photobiological Sciences, 2007, 6, 431.	1.6	43
92	Molecular 2:1 Digital Multiplexer. Angewandte Chemie - International Edition, 2007, 46, 958-961.	7.2	139
93	Driving Force and Electronic Coupling Effects on Photoinduced Electron Transfer in a Fullerene-based Molecular TriadÂ¶. Photochemistry and Photobiology, 2007, 72, 598-611.	1.3	8
94	High-efficiency Energy Transfer from Carotenoids to a Phthalocyanine in an Artificial Photosynthetic AntennaÂ¶. Photochemistry and Photobiology, 2007, 76, 116-121.	1.3	0
95	Photoinduced Electron Transfer in a Hexaphenylbenzene-based Self-assembled Porphyrin-fullerene Triad. Photochemistry and Photobiology, 2007, 83, 464-469.	1.3	20
96	CharacterizationÂofÂProtonÂTransportÂacrossÂaÂWaveguide-SupportedÂLipidÂBilayer. Journal of the American Chemical Society, 2006, 128, 2184-2185.	6.6	25
97	Molecular switches controlled by light. Chemical Communications, 2006, , 1169-1178.	2.2	274
98	Charge separation and energy transfer in a carotenoâ€“C60dyad: photoinduced electron transfer from the carotenoid excited states. Photochemical and Photobiological Sciences, 2006, 5, 1142-1149.	1.6	21
99	Photoswitchable Sensitization of Porphyrin Excited States. Australian Journal of Chemistry, 2006, 59, 170.	0.5	13
100	Energy and Photoinduced Electron Transfer in a Wheel-Shaped Artificial Photosynthetic Antenna-Reaction Center Complex. Journal of the American Chemical Society, 2006, 128, 1818-1827.	6.6	173
101	Tetrapyrrole Singlet Excited State Quenching by Carotenoids in an Artificial Photosynthetic Antennaâ€. Journal of Physical Chemistry B, 2006, 110, 25411-25420.	1.2	14
102	All-Photonic Molecular Half-Adder. Journal of the American Chemical Society, 2006, 128, 16259-16265.	6.6	138
103	Artificial photosynthetic reaction centers with carotenoid antennas. Tetrahedron, 2006, 62, 2074-2096.	1.0	22
104	A simple artificial light-harvesting dyad as a model for excess energy dissipation in oxygenic photosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5343-5348.	3.3	125
105	Conductance of a biomolecular wire. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8686-8690.	3.3	88
106	Artificial Photosynthetic Reaction Centers: Mimicking Sequential Electron and Triplet-Energy Transfer. ChemPhysChem, 2005, 6, 2359-2370.	1.0	44
107	Molecular AND Logic Gate Based on Electric Dichroism of a Photochromic Dihydroindolizine. Angewandte Chemie - International Edition, 2005, 44, 7591-7594.	7.2	41
108	Bioinspired energy conversion. Pure and Applied Chemistry, 2005, 77, 1001-1008.	0.9	14

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109	Enzyme-assisted Reforming of Glucose to Hydrogen in a Photoelectrochemical CellÂ¶. Photochemistry and Photobiology, 2005, 81, 1015.	1.3	41
110	Artificial photosynthetic antenna-reaction center complexes based on a hexaphenylbenzene core. Journal of Porphyrins and Phthalocyanines, 2005, 09, 706-723.	0.4	24
111	Photoinduced Long-Lived Charge Separation in a Tetrathiafulvaleneâ^'Porphyrinâ^'Fullerene Triad Detected by Time-Resolved Electron Paramagnetic Resonance. Journal of Physical Chemistry B, 2005, 109, 14401-14409.	1.2	37
112	Molecular AND and INHIBIT Gates Based on Control of Porphyrin Fluorescence by Photochromes. Journal of the American Chemical Society, 2005, 127, 9403-9409.	6.6	135
113	Photochromic Control of Photoinduced Electron Transfer. Molecular Double-Throw Switch. Journal of the American Chemical Society, 2005, 127, 2717-2724.	6.6	81
114	Switching of a photochromic molecule on gold electrodes: single-molecule measurements. Nanotechnology, 2005, 16, 695-702.	1.3	168
115	Electronic Decay Constant of Carotenoid Polyenes from Single-Molecule Measurements. Journal of the American Chemical Society, 2005, 127, 1384-1385.	6.6	170
116	Enzymeâ€assisted Reforming of Glucose to Hydrogen in a Photoelectrochemical Cell^{Â¶}. Photochemistry and Photobiology, 2005, 81, 1015-1020.	1.3	0
117	Synthesis and photochemistry of a caroteneâ€“porphyrinâ€“fullerene model photosynthetic reaction center. Journal of Physical Organic Chemistry, 2004, 17, 724-734.	0.9	86
118	Artificial Photosynthetic Reaction Centers with Porphyrins as Primary Electron Acceptorsâ€. Journal of Physical Chemistry B, 2004, 108, 10566-10580.	1.2	53
119	Photochemistry of Artificial Photosynthetic Reaction Centers in Liquid Crystals Probed by Multifrequency EPR (9.5 and 95 GHz). Journal of the American Chemical Society, 2004, 126, 17074-17086.	6.6	34
120	Molecule-Based Photonically Switched Half-Adder. Journal of the American Chemical Society, 2004, 126, 15926-15927.	6.6	170
121	Photonic Control of Photoinduced Electron Transfer via Switching of Redox Potentials in a Photochromic Moiety. Journal of Physical Chemistry B, 2004, 108, 1812-1814.	1.2	80
122	Light Harvesting and Photoprotective Functions of Carotenoids in Compact Artificial Photosynthetic Antenna Designs. Journal of Physical Chemistry B, 2004, 108, 414-425.	1.2	86
123	Benzene-Templated Model Systems for Photosynthetic Antennaâ^'Reaction Center Functionâ€. Journal of Physical Chemistry B, 2004, 108, 10256-10265.	1.2	38
124	Photoinduced electron transfer in a symmetrical diporphyrinâ€“fullerene triad. Physical Chemistry Chemical Physics, 2004, 6, 5509-5515.	1.3	22
125	Photonic Switching of Photoinduced Electron Transfer in a Dihydropyreneâ^'Porphyrinâ^'Fullerene Molecular Triad. Journal of the American Chemical Society, 2004, 126, 4803-4811.	6.6	107
126	Porphyrin-Sensitized Nanoparticulate TiO2as the Photoanode of a Hybrid Photoelectrochemical Biofuel Cell. Langmuir, 2004, 20, 8366-8371.	1.6	89

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127	Electron Transport Properties of a Carotene Molecule in a Metalâ^'(Single Molecule)â^'Metal Junction. Journal of Physical Chemistry B, 2003, 107, 6162-6169.	1.2	106
128	Characterization of the Giant Transient Dipole Generated by Photoinduced Electron Transfer in a Caroteneâ^'Porphyrinâ^'Fullerene Molecular Triad. Journal of Physical Chemistry A, 2003, 107, 7567-7573.	1.1	48
129	Stepwise Sequential and Parallel Photoinduced Charge Separation in a Porphyrinâ^'Triquinone Tetradâ€. Journal of Physical Chemistry A, 2003, 107, 3567-3575.	1.1	32
130	Photoinduced Hole Transfer from the Triplet State in a Porphyrin-Based Donorâ^'Bridgeâ^'Acceptor System. Journal of Physical Chemistry A, 2003, 107, 8825-8833.	1.1	26
131	Enzyme-Based Photoelectrochemical Biofuel Cell. Journal of Physical Chemistry B, 2003, 107, 10252-10260.	1.2	94
132	Correlation of fluorescence quenching in carotenoporphyrin dyads with the energy of intramolecular charge transfer states. Effect of the number of conjugated double bonds of the carotenoid moiety. Physical Chemistry Chemical Physics, 2003, 5, 469-475.	1.3	32
133	High-efficiency Energy Transfer from Carotenoids to a Phthalocyanine in an Artificial Photosynthetic AntennaÂ¶. Photochemistry and Photobiology, 2002, 76, 116.	1.3	23
134	Dynamics of Photoinduced Electron Transfer in an Amphiphilic A2+-S-D Triad Moleculeâ€. Journal of Physical Chemistry A, 2002, 106, 2218-2226.	1.1	20
135	A Thiol-Substituted Carotenoid Self-Assembles on Gold Surfaces. Journal of Physical Chemistry B, 2002, 106, 2933-2936.	1.2	25
136	Efficient Energy Transfer and Electron Transfer in an Artificial Photosynthetic Antennaâ^'Reaction Center Complexâ€. Journal of Physical Chemistry A, 2002, 106, 2036-2048.	1.1	175
137	Photoinduced electron transfer in Ï€-extended tetrathiafulvaleneâ€“porphyrinâ€“fullerene triad molecules. Journal of Materials Chemistry, 2002, 12, 2100-2108.	6.7	71
138	Active transport of Ca2+ by an artificial photosynthetic membrane. Nature, 2002, 420, 398-401.	13.7	167
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140	Photonic Switching of Photoinduced Electron Transfer in a Dithienylethyleneâ^'Porphyrinâ^'Fullerene Triad Molecule. Journal of the American Chemical Society, 2002, 124, 7668-7669.	6.6	227
141	The Gold Porphyrin First Excited Singlet StateÂ¶. Photochemistry and Photobiology, 2002, 76, 47-50.	1.3	6
142	The Gold Porphyrin First Excited Singlet StateÂ¶. Photochemistry and Photobiology, 2002, 76, 47.	1.3	24
143	Mimicking Photosynthetic Solar Energy Transduction. Accounts of Chemical Research, 2001, 34, 40-48.	7.6	2,052
144	Photoswitched Singlet Energy Transfer in a Porphyrinâ^'Spiropyran Dyad. Journal of the American Chemical Society, 2001, 123, 7124-7133.	6.6	176

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145	Driving Force and Electronic Coupling Effects on Photoinduced Electron Transfer in a Fullerene-based Molecular TriadÂ¶. Photochemistry and Photobiology, 2000, 72, 598.	1.3	38
146	Synthesis of a carotenobenzoporphyrin from a meso-diphenylporphyrin. Tetrahedron Letters, 2000, 41, 9661-9665.	0.7	1
147	Photochemistry of supramolecular systems containing C60. Journal of Photochemistry and Photobiology B: Biology, 2000, 58, 63-71.	1.7	101
148	Photoinduced Electron Transfer in Carotenoporphyrinâˆ'Fullerene Triads:Â Temperature and Solvent Effects. Journal of Physical Chemistry B, 2000, 104, 4307-4321.	1.2	167
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150	An Artificial Photosynthetic Antenna-Reaction Center Complex. Journal of the American Chemical Society, 1999, 121, 8604-8614.	6.6	336
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154	Carotenohematoporphyrins as Tumor-Imaging Dyes. Synthesis and In Vitro Photophysical Characterization. Photochemistry and Photobiology, 1998, 68, 459-466.	1.3	25
155	Mimicry of carotenoid photoprotection in artificial photosynthetic reaction centers: triplet-triplet energy transfer by a relay mechanism. Journal of Photochemistry and Photobiology B: Biology, 1998, 43, 209-216.	1.7	70
156	Magnetic Switching of Charge Separation Lifetimes in Artificial Photosynthetic Reaction Centers. Journal of the American Chemical Society, 1998, 120, 10880-10886.	6.6	115
157	EPR Investigation of Photoinduced Radical Pair Formation and Decay to a Triplet State in a Caroteneâˆ'Porphyrinâˆ'Fullerene Triad. Journal of the American Chemical Society, 1998, 120, 4398-4405.	6.6	180
158	Contrasting Photoinduced Electron-Transfer Properties of Two Closely Related, Rigidly Linked Porphyrinâˆ'Quinone Dyads. Journal of Physical Chemistry A, 1998, 102, 5512-5519.	1.1	33
159	STM Contrast, Electron-Transfer Chemistry, and Conduction in Molecules. Journal of Physical Chemistry B, 1997, 101, 10719-10725.	1.2	127
160	Dynamics of Photoinduced Electron Transfer in a Carotenoidâˆ'Porphyrinâˆ'Dinitronaphthalenedicarboximide Molecular Triad. Journal of Physical Chemistry B, 1997, 101, 5214-5223.	1.2	42
161	Structural Effects on Photoinduced Electron Transfer in Carotenoidâˆ'Porphyrinâˆ'Quinone Triads. Journal of Physical Chemistry B, 1997, 101, 429-440.	1.2	77
162	Aryl Ring Rotation in Porphyrins. A Carbon-13 NMR Spinâˆ'Lattice Relaxation Time Study. Journal of Physical Chemistry B, 1997, 101, 458-465.	1.2	34

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164	Conversion of light energy to proton potential in liposomes by artificial photosynthetic reaction centres. Nature, 1997, 385, 239-241.	13.7	404
165	Fullerenes linked to photosynthetic pigments. Research on Chemical Intermediates, 1997, 23, 621-651.	1.3	71
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