Kei Ohkubo

List of Publications by Year
in descending order

437 papers	22,312 citations	6592 79 h-index	18606 119 g-index
476 all docs	476 docs citations	476 times ranked	16261 citing authors

#	Article	IF	Citations
1	Electron-Transfer State of 9-Mesityl-10-methylacridinium Ion with a Much Longer Lifetime and Higher Energy Than That of the Natural Photosynthetic Reaction Center. Journal of the American Chemical Society, 2004, 126, 1600-1601.	6.6	565
2	Organic synthetic transformations using organic dyes as photoredox catalysts. Organic and Biomolecular Chemistry, 2014, 12, 6059-6071.	1.5	402
3	Selective photocatalytic reactions with organic photocatalysts. Chemical Science, 2013, 4, 561-574.	3.7	347
4	Long-Lived Charge Separation and Applications in Artificial Photosynthesis. Accounts of Chemical Research, 2014, 47, 1455-1464.	7.6	334
5	Rational Principles for Modulating Fluorescence Properties of Fluorescein. Journal of the American Chemical Society, 2004, 126, 14079-14085.	6.6	314
6	Rational Design Principle for Modulating Fluorescence Properties of Fluorescein-Based Probes by Photoinduced Electron Transfer. Journal of the American Chemical Society, 2003, 125, 8666-8671.	6.6	265
7	Photocatalytic Oxygenation of Anthracenes and Olefins with Dioxygen via Selective Radical Coupling Using 9-Mesityl-10-methylacridinium Ion as an Effective Electron-Transfer Photocatalyst. Journal of the American Chemical Society, 2004, 126, 15999-16006.	6.6	238
8	Visible-Light-Induced Oxygenation of Benzene by the Triplet Excited State of 2,3-Dichloro-5,6-dicyano-p-benzoquinone. Journal of the American Chemical Society, 2013, 135, 5368-5371.	6.6	227
9	Charge Separation in a Nonfluorescent Donorâ^'Acceptor Dyad Derived from Boron Dipyrromethene Dye, Leading to Photocurrent Generation. Journal of Physical Chemistry B, 2005, 109, 15368-15375.	1.2	224
10	Phosphorescent Sensor for Biological Mobile Zinc. Journal of the American Chemical Society, 2011, 133, 18328-18342.	6.6	217
11	Simultaneous production of p-tolualdehyde and hydrogen peroxide in photocatalytic oxygenation of p-xylene and reduction of oxygen with 9-mesityl-10-methylacridinium ion derivatives. Chemical Communications, 2010, 46, 601-603.	2.2	216
12	Quantitative Evaluation of Lewis Acidity of Metal Ions Derived from theg Values of ESR Spectra of Superoxide: Metal Ion Complexes in Relation to the Promoting Effects in Electron Transfer Reactions. Chemistry - A European Journal, 2000, 6, 4532-4535.	1.7	214
13	Production of an Ultra-Long-Lived Charge-Separated State in a Zinc Chlorinâ€"C60 Dyad by One-Step Photoinduced Electron Transfer. Angewandte Chemie - International Edition, 2004, 43, 853-856.	7.2	206
14	Photochemical and Electrochemical Properties of Zinc Chlorinâ^'C60 Dyad as Compared to Corresponding Free-Base Chlorinâ^'C60, Free-Base Porphyrinâ^'C60, and Zinc Porphyrinâ^'C60 Dyads. Journal of the American Chemical Society, 2001, 123, 10676-10683.	6.6	201
15	Corroleâ^'Fullerene Dyads: Formation of Long-Lived Charge-Separated States in Nonpolar Solvents. Journal of the American Chemical Society, 2008, 130, 14263-14272.	6.6	185
16	Photocatalytic Reduction of Low Concentration of CO₂. Journal of the American Chemical Society, 2016, 138, 13818-13821.	6.6	179
17	Selective photocatalytic aerobic bromination with hydrogen bromide via an electron-transfer state of 9-mesityl-10-methylacridinium ion. Chemical Science, 2011, 2, 715.	3.7	178
18	Photosynthetic Reaction Center Mimicry: Low Reorganization Energy Driven Charge Stabilization in Self-Assembled Cofacial Zinc Phthalocyanine Dimerâ^'Fullerene Conjugate. Journal of the American Chemical Society, 2009, 131, 8787-8797.	6.6	177

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19	Structure and Spectroscopy of Oxyluciferin, the Light Emitter of the Firefly Bioluminescence. Journal of the American Chemical Society, 2009, 131, 11590-11605.	6.6	176
20	Photoalkylation of 10-Alkylacridinium Ion via a Charge-Shift Type of Photoinduced Electron Transfer Controlled by Solvent Polarity. Journal of the American Chemical Society, 2001, 123, 8459-8467.	6.6	175
21	Oxidation Mechanism of Phenols by Dicopperâ^'Dioxygen (Cu2/O2) Complexes. Journal of the American Chemical Society, 2003, 125, 11027-11033.	6.6	171
22	Catalytic mechanisms of hydrogen evolution with homogeneous and heterogeneous catalysts. Energy and Environmental Science, 2011, 4, 2754.	15.6	169
23	Direct Oxygenation of Benzene to Phenol Using Quinolinium Ions as Homogeneous Photocatalysts. Angewandte Chemie - International Edition, 2011, 50, 8652-8655.	7.2	167
24	Supramolecular electron transfer by anion binding. Chemical Communications, 2012, 48, 9801.	2.2	159
25	Ultrafast Photodynamics of Exciplex Formation and Photoinduced Electron Transfer in Porphyrinâ^'Fullerene Dyads Linked at Close Proximity. Journal of Physical Chemistry A, 2003, 107, 8834-8844.	1.1	158
26	Driving Force Dependence of Intermolecular Electron-Transfer Reactions of Fullerenes. Chemistry - A European Journal, 2003, 9, 1585-1593.	1.7	156
27	Charge separation in metallomacrocycle complexes linked with electron acceptors by axial coordination. Dalton Transactions, 2009, , 3880.	1.6	154
28	Ion-Mediated Electron Transfer in a Supramolecular Donor-Acceptor Ensemble. Science, 2010, 329, 1324-1327.	6.0	154
29	Assemblies of artificial photosynthetic reaction centres. Journal of Materials Chemistry, 2012, 22, 4575.	6.7	144
30	Hydride Transfer from 9-Substituted 10-Methyl-9,10-dihydroacridines to Hydride Acceptors via Charge-Transfer Complexes and Sequential Electronâ^'Protonâ^'Electron Transfer. A Negative Temperature Dependence of the Rates. Journal of the American Chemical Society, 2000, 122, 4286-4294.	6.6	138
31	Catalytic asymmetric allylation of aldehydes with alkenes through allylic C(sp³)â€“H functionalization mediated by organophotoredox and chiral chromium hybrid catalysis. Chemical Science, 2019, 10, 3459-3465.	3.7	137
32	Lewis Acid Coupled Electron Transfer of Metalâ€“Oxygen Intermediates. Chemistry - A European Journal, 2015, 21, 17548-17559.	1.7	132
33	Metal ion-coupled and decoupled electron transfer. Coordination Chemistry Reviews, 2010, 254, 372-385.	9.5	127
34	A Key Role for Old Yellow Enzyme in the Metabolism of Drugs by Trypanosoma cruzi. Journal of Experimental Medicine, 2002, 196, 1241-1252.	4.2	125
35	Spectroscopic Characterization of Photolytically Generated Radical Ion Pairs in Single-Wall Carbon Nanotubes Bearing Surface-Immobilized Tetrathiafulvalenes. Journal of the American Chemical Society, 2008, 130, 66-73.	6.6	125
36	Ion-Controlled Onâ€“Off Switch of Electron Transfer from Tetrathiafulvalene Calix[4]pyrroles to Li⁺@C₆₀. Journal of the American Chemical Society, 2011, 133, 15938-15941.	6.6	125

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37	Mechanistic Insights into the Oxidation of Substituted Phenols via Hydrogen Atom Abstraction by a Cupricâ€“Superoxo Complex. Journal of the American Chemical Society, 2014, 136, 9925-9937.	6.6	125
38	Mechanisms and applications of cyclometalated Pt(<scp>ii</scp>) complexes in photoredox catalytic trifluoromethylation. Chemical Science, 2015, 6, 1454-1464.	3.7	123
39	A Tightly Coupled Bis(zinc(II) phthalocyanine)â^'Perylenediimide Ensemble To Yield Long-Lived Radical Ion Pair Statesâ€. Organic Letters, 2007, 9, 2481-2484.	2.4	120
40	Fluorescent Zinc Sensor with Minimized Proton-Induced Interferences: Photophysical Mechanism for Fluorescence Turn-On Response and Detection of Endogenous Free Zinc Ions. Inorganic Chemistry, 2012, 51, 8760-8774.	1.9	119
41	Protonation-coupled redox reactions in planar antiaromatic meso-pentafluorophenyl-substituted o-phenylene-bridged annulated rosarins. Nature Chemistry, 2013, 5, 15-20.	6.6	119
42	Efficient Two-Electron Reduction of Dioxygen to Hydrogen Peroxide with One-Electron Reductants with a Small Overpotential Catalyzed by a Cobalt Chlorin Complex. Journal of the American Chemical Society, 2013, 135, 2800-2808.	6.6	118
43	Fluorescence Maxima of 10-Methylacridoneâ^'Metal Ion Salt Complexes:â€‰ A Convenient and Quantitative Measure of Lewis Acidity of Metal Ion Salts. Journal of the American Chemical Society, 2002, 124, 10270-10271.	6.6	115
44	Persistent Electron-Transfer State of a Ï€-Complex of Acridinium Ion Inserted between Porphyrin Rings of Cofacial Bisporphyrins. Journal of the American Chemical Society, 2006, 128, 14625-14633.	6.6	110
45	Zinc Phthalocyanineâ€“Graphene Hybrid Material for Energy Conversion: Synthesis, Characterization, Photophysics, and Photoelectrochemical Cell Preparation. Journal of Physical Chemistry C, 2012, 116, 20564-20573.	1.5	110
46	Redox-controlled Ligand Exchange of the Heme in the CO-sensing Transcriptional Activator CooA. Journal of Biological Chemistry, 1998, 273, 25757-25764.	1.6	109
47	Rational Design and Functions of Electron Donorâ€“Acceptor Dyads with Much Longer Charge-Separated Lifetimes than Natural Photosynthetic Reaction Centers. Bulletin of the Chemical Society of Japan, 2009, 82, 303-315.	2.0	108
48	Selective Oxygenation of Ring-Substituted Toluenes with Electron-Donating and -Withdrawing Substituents by Molecular Oxygen via Photoinduced Electron Transfer. Journal of the American Chemical Society, 2003, 125, 12850-12859.	6.6	107
49	Catalytic Activity of Biscobalt Porphyrin-Corrole Dyads Toward the Reduction of Dioxygen. Inorganic Chemistry, 2009, 48, 2571-2582.	1.9	107
50	Catalytic Four-Electron Reduction of O₂ via Rate-Determining Proton-Coupled Electron Transfer to a Dinuclear Cobalt-Î¼-1,2-peroxo Complex. Journal of the American Chemical Society, 2012, 134, 9906-9909.	6.6	106
51	Electronic Properties of Trifluoromethylated Corannulenes. Angewandte Chemie - International Edition, 2012, 51, 11385-11388.	7.2	106
52	Metal-Centered Photoinduced Electron Transfer Reduction of a Gold(III) Porphyrin Cation Linked with a Zinc Porphyrin to Produce a Long-Lived Charge-Separated State in Nonpolar Solvents. Journal of the American Chemical Society, 2003, 125, 14984-14985.	6.6	105
53	Clarification of the Oxidation State of Cobalt Corroles in Heterogeneous and Homogeneous Catalytic Reduction of Dioxygen. Inorganic Chemistry, 2008, 47, 6726-6737.	1.9	105
54	Electron-transfer mechanism in radical-scavenging reactions by a vitamin E model in a protic medium. Organic and Biomolecular Chemistry, 2005, 3, 626.	1.5	104

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55	A Discrete Supramolecular Conglomerate Composed of Two Saddleâ€Distorted Zinc(II)â€Phthalocyanine Complexes and a Doubly Protonated Porphyrin with Saddle Distortion Undergoing Efficient Photoinduced Electron Transfer. Angewandte Chemie - International Edition, 2008, 47, 6712-6716.	7.2	103
56	Photocatalytic Hydrogen Evolution under Highly Basic Conditions by Using Ru Nanoparticles and 2-Phenyl-4-(1-naphthyl)quinolinium Ion. Journal of the American Chemical Society, 2011, 133, 16136-16145.	6.6	98
57	Enhanced Catalytic Four-Electron Dioxygen (O₂) and Two-Electron Hydrogen Peroxide (H₂O₂) Reduction with a Copper(II) Complex Possessing a Pendant Ligand Pivalamido Group. Journal of the American Chemical Society, 2013, 135, 6513-6522.	6.6	98
58	Selective electrochemical reduction of CO₂ to CO with a cobalt chlorin complex adsorbed on multi-walled carbon nanotubes in water. Chemical Communications, 2015, 51, 10226-10228.	2.2	98
59	Sizeâ€and Shapeâ€Dependent Activity of Metal Nanoparticles as Hydrogenâ€Evolution Catalysts: Mechanistic Insights into Photocatalytic Hydrogen Evolution. Chemistry - A European Journal, 2011, 17, 2777-2785.	1.7	97
60	Long-Lived Charge-Separated State Produced by Photoinduced Electron Transfer in a Zinc Imidazoporphyrin-C60Dyad. Organic Letters, 2003, 5, 2719-2721.	2.4	96
61	Thienyl-substituted methanofullerene derivatives for organic photovoltaic cells. Journal of Materials Chemistry, 2010, 20, 475-482.	6.7	96
62	Intramolecular Electron Transfer within the Substituted Tetrathiafulvaleneâ^'Quinone Dyads:Â Facilitated by Metal Ion and Photomodulation in the Presence of Spiropyran. Journal of the American Chemical Society, 2007, 129, 6839-6846.	6.6	95
63	Photosynthetic Antennaâ€Reaction Center Mimicry with a Covalently Linked Monostyryl Boronâ€Dipyrromethaneâ€“Azaâ€Boronâ€Dipyrromethaneâ€“C₆₀ Triad. Chemistry - A European Journal, 2013, 19, 11332-11341.	1.7	94
64	Formation of a long-lived charge-separated state of a zinc phthalocyanine-perylenediimide dyad by complexation with magnesium ion. Chemical Communications, 2005, , 3814.	2.2	93
65	Electron-Transfer Oxidation Properties of DNA Bases and DNA Oligomers. Journal of Physical Chemistry A, 2005, 109, 3285-3294.	1.1	93
66	Anion-Complexation-Induced Stabilization of Charge Separation. Journal of the American Chemical Society, 2009, 131, 16138-16146.	6.6	93
67	Metal-free oxygenation of cyclohexane with oxygen catalyzed by 9-mesityl-10-methylacridinium and hydrogen chloride under visible light irradiation. Chemical Communications, 2011, 47, 8515.	2.2	93
68	Quantitative Evaluation of Lewis Acidity of Metal Ions with Different Ligands and Counterions in Relation to the Promoting Effects of Lewis Acids on Electron Transfer Reduction of Oxygen. Journal of Organic Chemistry, 2003, 68, 4720-4726.	1.7	90
69	Photocatalytic hydrogen evolution with Ni nanoparticles by using 2-phenyl-4-(1-naphthyl)quinolinium ion as a photocatalyst. Energy and Environmental Science, 2012, 5, 6111.	15.6	89
70	Metal Ion-Catalyzed Dielsâ^'Alder and Hydride Transfer Reactions. Catalysis of Metal Ions in the Electron-Transfer Step. Journal of the American Chemical Society, 2002, 124, 14147-14155.	6.6	88
71	Long-lived long-distance photochemically induced spin-polarized charge separation in Î²,Î²â€²-pyrrolic fused ferrocene-porphyrin-fullerene systems. Chemical Science, 2012, 3, 257-269.	3.7	88
72	Small Reorganization Energy of Intramolecular Electron Transfer in Fullerene-Based Dyads with Short Linkage. Journal of Physical Chemistry A, 2002, 106, 10991-10998.	1.1	87

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73	Control of Photoinduced Electron Transfer in Zinc Phthalocyanineâ"Perylenediimide Dyad and Triad by the Magnesium Ion. Journal of Physical Chemistry A, 2008, 112, 10744-10752.	1.1	86
74	Solvent-free selective photocatalytic oxidation of benzyl alcohol to benzaldehyde by molecular oxygen using 9-phenyl-10-methylacridinium. Chemical Communications, 2006, , 2018.	2.2	84
75	Factors That Control Catalytic Two- versus Four-Electron Reduction of Dioxygen by Copper Complexes. Journal of the American Chemical Society, 2012, 134, 7025-7035.	6.6	84
76	DNA Cleavage via Superoxide Anion Formed in Photoinduced Electron Transfer from NADH to Î³-Cyclodextrin-Bicapped C60 in an Oxygen-Saturated Aqueous Solution. Journal of Physical Chemistry B, 2002, 106, 2372-2380.	1.2	82
77	Efficient Catalysis of Rare-Earth Metal Ions in Photoinduced Electron-Transfer Oxidation of Benzyl Alcohols by a Flavin Analogue. Journal of Physical Chemistry A, 2001, 105, 10501-10510.	1.1	81
78	Photocatalytic Electron-Transfer Oxidation of Triphenylphosphine and Benzylamine with Molecular Oxygen via Formation of Radical Cations and Superoxide Ion. Bulletin of the Chemical Society of Japan, 2006, 79, 1489-1500.	2.0	81
79	100 Selective Oxygenation ofp-Xylene top-Tolualdehyde via Photoinduced Electron Transfer. Organic Letters, 2000, 2, 3647-3650.	2.4	80
80	A discrete conglomerate of a distorted Mo(v)-porphyrin with a directly coordinated keggin-type polyoxometalate. Chemical Communications, 2007, , 3997.	2.2	80
81	Supramolecular Structures and Photoelectronic Properties of the Inclusion Complex of a Cyclic Freeâ€Base Porphyrin Dimer and C₆₀. Chemistry - A European Journal, 2010, 16, 11611-11623.	1.7	79
82	Photoinduced electron transfer in a Î²,Î²â€²-pyrrolic fused ferroceneâ€"(zinc porphyrin)â€"fullerene. Physical Chemistry Chemical Physics, 2007, 9, 5260.	1.3	78
83	Efficient photocatalytic hydrogen evolution without an electron mediator using a simple electron donorâ€"acceptor dyad. Physical Chemistry Chemical Physics, 2007, 9, 1487-1492.	1.3	77
84	In Vitro Heavy-Atom Effect of Palladium(II) and Platinum(II) Complexes of Pyrrolidine-Fused Chlorin in Photodynamic Therapy. Journal of Medicinal Chemistry, 2009, 52, 2747-2753.	2.9	77
85	Structural basis for DNA-cleaving activity of resveratrol in the presence of Cu(II). Bioorganic and Medicinal Chemistry, 2006, 14, 1437-1443.	1.4	76
86	Active Site Models for the Cu_A Site of Peptidylglycine Î±-Hydroxylating Monooxygenase and Dopamine Î²-Monooxygenase. Inorganic Chemistry, 2012, 51, 9465-9480.	1.9	75
87	Efficient Photocatalytic Oxygenation of Aromatic Alkene to 1,2-Dioxetane with Oxygen via Electron Transfer. Organic Letters, 2005, 7, 4265-4268.	2.4	73
88	Multiple photosynthetic reaction centres composed of supramolecular assemblies of zinc porphyrin dendrimers with a fullerene acceptor. Chemical Communications, 2011, 47, 7980.	2.2	73
89	Strong supramolecular binding of Li+@C60 with sulfonated meso-tetraphenylporphyrins and long-lived photoinduced charge separation. Chemical Communications, 2012, 48, 4314.	2.2	73
90	Viologen-Modified Platinum Clusters Acting as an Efficient Catalyst in Photocatalytic Hydrogen Evolution. Journal of Physical Chemistry B, 2006, 110, 24047-24053.	1.2	72

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91	Faceâ€toâ€Face Pacmanâ€Type Porphyrinâ€“Fullerene Dyads: Design, Synthesis, Chargeâ€Transfer Interactions, and Photophysical Studies. Chemistry - A European Journal, 2008, 14, 674-681.	1.7	72
92	Determination of the Structural Features of a Long-Lived Electron-Transfer State of 9-Mesityl-10-methylacridinium Ion. Journal of the American Chemical Society, 2012, 134, 4569-4572.	6.6	71
93	Structure and Photoinduced Electron Transfer Dynamics of a Series of Hydrogen-Bonded Supramolecular Complexes Composed of Electron Donors and a Saddle-Distorted Diprotonated Porphyrin. Journal of the American Chemical Society, 2010, 132, 10155-10163.	6.6	70
94	Synthesis and Photophysical Studies of a New Nonaggregated C60â^'Silicon Phthalocyanineâ^'C60Triad. Organic Letters, 2007, 9, 3441-3444.	2.4	69
95	â€œUmpolungâ€•Photoinduced Charge Separation in an Anion-bound Supramolecular Complex. Journal of the American Chemical Society, 2008, 130, 15256-15257.	6.6	69
96	Formation of a long-lived electron-transfer state in mesoporous silica-alumina composites enhances photocatalytic oxygenation reactivity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15572-15577.	3.3	69
97	A broad-band capturing and emitting molecular triad: synthesis and photochemistry. Chemical Communications, 2013, 49, 2867.	2.2	69
98	Ru(<scp>ii</scp>)â€“Re(<scp>i</scp>) binuclear photocatalysts connected by â€“CH₂XCH₂â€“ (X = O, S, CH₂) for CO₂ reduction. Chemical Science, 2015, 6, 3003-3012.	3.7	69
99	Misleading effects of impurities derived from the extremely long-lived electron-transfer state of 9-mesityl-10-methylacridinium ion. Chemical Communications, 2005, , 4520.	2.2	68
100	Interâ€•and Intramolecular Photoinduced Electron Transfer of Flavin Derivatives with Extremely Small Reorganization Energies. Chemistry - A European Journal, 2010, 16, 7820-7832.	1.7	68
101	Temperature-Independent Catalytic Two-Electron Reduction of Dioxygen by Ferrocenes with a Copper(II) Tris[2-(2-pyridyl)ethyl]amine Catalyst in the Presence of Perchloric Acid. Journal of the American Chemical Society, 2013, 135, 2825-2834.	6.6	68
102	Effects of Metal Ions Distinguishing between One-Step Hydrogen- and Electron-Transfer Mechanisms for the Radical-Scavenging Reaction of (+)-Catechin. Journal of Physical Chemistry A, 2002, 106, 11123-11126.	1.1	67
103	Mechanistic Insights into Hydride-Transfer and Electron-Transfer Reactions by a Manganese(IV)â^'Oxo Porphyrin Complex. Journal of the American Chemical Society, 2009, 131, 17127-17134.	6.6	67
104	Metal Bacteriochlorins Which Act as Dual Singlet Oxygen and Superoxide Generators. Journal of Physical Chemistry B, 2008, 112, 2738-2746.	1.2	65
105	Reorganization Energies of Diprotonated and Saddle-Distorted Porphyrins in Photoinduced Electron-Transfer Reduction Controlled by Conformational Distortion. Journal of the American Chemical Society, 2009, 131, 577-584.	6.6	65
106	Excitationâ€Wavelengthâ€Dependent, Ultrafast Photoinduced Electron Transfer in Bisferrocene/BF₂â€Chelatedâ€Azadipyrromethene/Fullerene Tetrads. Chemistry - A European Journal, 2013, 19, 7221-7230.	1.7	65
107	Long-lived photoinduced charge separation for solar cell applications in supramolecular complexes of multi-metalloporphyrins and fullerenes. Dalton Transactions, 2013, 42, 15846.	1.6	65
108	Redox Behavior of Cyclo[6]pyrrole in the Formation of a Uranyl Complex. Inorganic Chemistry, 2007, 46, 5143-5145.	1.9	64

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109	Metalloporphycenes: Synthesis and Characterization of (Pentamethylcyclopentadienyl)ruthenium Sitting-Atop and Ï€-Complexes. Journal of the American Chemical Society, 2009, 131, 13538-13547.	6.6	64
110	Oneâ€Step Selective Hydroxylation of Benzene to Phenol. Asian Journal of Organic Chemistry, 2015, 4, 836-845.	1.3	64
111	Selective Inclusion of Electronâ€Donating Molecules into Porphyrin Nanochannels Derived from the Selfâ€Assembly of Saddleâ€Distorted, Protonated Porphyrins and Photoinduced Electron Transfer from Guest Molecules to Porphyrin Dications. Chemistry - A European Journal, 2007, 13, 8714-8725.	1.7	63
112	Organotin Perfluorooctanesulfonates as Air-Stable Lewis Acid Catalysts: Synthesis, Characterization, and Catalysis. Chemistry - A European Journal, 2006, 12, 1642-1647.	1.7	62
113	Exciplex Mediated Photoinduced Electron Transfer Reactions of Phthalocyanine-Fullerene Dyads. Journal of Physical Chemistry A, 2008, 112, 6884-6892.	1.1	62
114	Mechanisms of metal ion-coupled electron transfer. Physical Chemistry Chemical Physics, 2012, 14, 8472.	1.3	62
115	Lightâ€Driven Câ€“H Oxygenation of Methane into Methanol and Formic Acid by Molecular Oxygen Using a Perfluorinated Solvent. Angewandte Chemie - International Edition, 2018, 57, 2126-2129.	7.2	62
116	Solventâ€Free Oneâ€Step Photochemical Hydroxylation of Benzene Derivatives by the Singlet Excited State of 2,3â€Dichloroâ€5,6â€dicyanoâ€pâ€benzoquinone Acting as a Super Oxidant. Chemistry - A European Journal, 2015, 21, 2855-2861.	1.7	61
117	Response: Why had long-lived electron-transfer states of donor-substituted 10-methylacridinium ions been overlooked? Formation of the dimer radical cations detected in the near-IR region. Physical Chemistry Chemical Physics, 2008, 10, 5159.	1.3	60
118	Long-lived charge-separated states of simple electron donor-acceptor dyads using porphyrins and phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2008, 12, 993-1004.	0.4	60
119	Synthesis and Photoinduced Electron Transfer of Phthalocyanineâ€“Perylenebisimide Pentameric Arrays. Journal of Organic Chemistry, 2009, 74, 5871-5880.	1.7	60
120	Fluorinated photosensitizers: synthesis, photophysical, electrochemical, intracellular localization, in vitro photosensitizing efficacy and determination of tumor-uptake by 19F in vivo NMR spectroscopy. Tetrahedron, 2003, 59, 10059-10073.	1.0	59
121	Photochemical Charge Separation in Closely Positioned Donorâ€“Boron Dipyrrinâ€“Fullerene Triads. Chemistry - A European Journal, 2011, 17, 3147-3156.	1.7	59
122	Spectroelectrochemical and ESR studies of highly substituted copper corroles. Journal of Porphyrins and Phthalocyanines, 2004, 08, 1236-1247.	0.4	58
123	Formation of a long-lived electron-transfer state of a naphthaleneâ€“quinolinium ion dyad and the Ï€-dimer radical cation. Faraday Discussions, 2012, 155, 89-102.	1.6	58
124	Porphyrins Fused with Strongly Electron-Donating 1,3-Dithiol-2-ylidene Moieties: Redox Control by Metal Cation Complexation and Anion Binding. Journal of the American Chemical Society, 2013, 135, 10852-10862.	6.6	58
125	Enhancement of Light Harvesting and Photocurrent Generation by ITO Electrodes Modified with meso,meso-Linked Porphyrin Oligomers. Nano Letters, 2003, 3, 409-412.	4.5	57
126	Oxygenation of Î±-Methylstyrene with Molecular Oxygen, Catalyzed by 10-Methylacridinium Ion via Photoinduced Electron Transfer. Journal of Physical Chemistry A, 2003, 107, 4339-4346.	1.1	57

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127	Light-Driven, Proton-Controlled, Catalytic Aerobic Câ€“H Oxidation Mediated by a Mn(III) Porphyrinoid Complex. Journal of the American Chemical Society, 2015, 137, 4614-4617.	6.6	57
128	Dielsâ^'Alder Reactions of Anthracenes with Dienophiles via Photoinduced Electron Transfer. Journal of Physical Chemistry A, 2003, 107, 5412-5418.	1.1	56
129	Substituent Effects on the Site of Electron Transfer during the First Reduction for Gold(III) Porphyrins. Inorganic Chemistry, 2004, 43, 2078-2086.	1.9	56
130	Photoinduced electron-transfer dynamics and long-lived CS states of donorâ€“acceptor linked dyads and a triad containing a gold porphyrin in nonpolar solvents. Chemical Physics, 2006, 326, 3-14.	0.9	56
131	Rational design of a phthalocyanineâ€“perylenediimide dyad with a long-lived charge-separated state. Chemical Communications, 2012, 48, 6241.	2.2	56
132	Acid-Induced Mechanism Change and Overpotential Decrease in Dioxygen Reduction Catalysis with a Dinuclear Copper Complex. Journal of the American Chemical Society, 2013, 135, 4018-4026.	6.6	56
133	Aliphatic Câ^'H Bond Activation Initiated by a (Î¼-Î·²:Î·²-Peroxo)dicopper(II) Complex in Comparison with Cumylperoxyl Radical. Journal of the American Chemical Society, 2009, 131, 9258-9267.	6.6	55
134	Quantitative Evaluation of dâ€“Ï€ Interaction in Copper(i) Complexes and Control of Copper(i)â€“Dioxygen Reactivity. Chemistry - A European Journal, 2004, 10, 237-246.	1.7	54
135	Hostâ^'Guest Complexation of Endohedral Metallofullerene with Azacrown Ether and Its Application. Journal of the American Chemical Society, 2006, 128, 6699-6703.	6.6	54
136	Quinoxalino[2,3-bâ€˜]porphyrins Behave as Ï€-Expanded Porphyrins upon One-Electron Reduction:â€‰ Broad Control of the Degree of Delocalization through Substitution at the Macrocycle Periphery. Journal of Physical Chemistry B, 2007, 111, 8762-8774.	1.2	54
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