Tomoyoshi Suenobu

List of Publications by Year
in descending order

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126 papers	6,970 citations	38720 50 h-index	62565 80 g-index
133 all docs	133 docs citations	133 times ranked	6350 citing authors

#	Article	IF	Citations
1	Effect of Deuteration on Relaxation Dynamics of the Perylene Excimer Studied by Subnanosecond Transient Absorption Spectroscopy. Journal of Physical Chemistry A, 2021, 125, 1359-1366.	1.1	6
2	Reaction of Oxygen with the Singlet Excited State of [n]Cycloparaphenylenes (n = 9, 12,) Tj ETQq0 0 0 rgBT /Overlock 10 Subnanoseconds to Microseconds by the Randomly-Interleaved-Pulse-Train Method. Journal of Physical Chemistry A, 2020, 124, 46-55.	1.1	7
3	High Vertical Carrier Mobilities of Organic Semiconductors Due to a Deposited Laid-Down Herringbone Structure Induced by a Reduced Graphene Oxide Template. ACS Applied Materials & Interfaces, 2020, 12, 9489-9497.	4.0	5
4	Bridged Stilbenes: AIEgens Designed via a Simple Strategy to Control the Nonâ€radiative Decay Pathway. Angewandte Chemie - International Edition, 2020, 59, 10566-10573.	7.2	24
5	Bridged Stilbenes: AIEgens Designed via a Simple Strategy to Control the Nonâ€radiative Decay Pathway. Angewandte Chemie, 2020, 132, 10653-10660.	1.6	5
6	Selectivity switch in the aerobic oxygenation of sulfides photocatalysed by visible-light-responsive decavanadate. Green Chemistry, 2020, 22, 3896-3905.	4.6	40
7	Effect of the MIS structure with MgF₂ on CELIV measurements. Japanese Journal of Applied Physics, 2020, 59, SDDB01.	0.8	3
8	Synthesis of fluorescent polycarbonates with highly twisted N,N-bis(dialkylamino)anthracene AIE luminogens in the main chain. RSC Advances, 2019, 9, 21733-21740.	1.7	9
9	Delocalization of positive charge in aromatic liquids studied by subnanosecond near-infrared transient absorption spectroscopy. Chemical Physics Letters, 2019, 731, 136578.	1.2	4
10	Effect of reabsorption of fluorescence on transient absorption measurements. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 220, 117127.	2.0	5
11	Spectroscopic properties of push-pull 2-(4-carboxyphenyl)-6-dimethylaminobenzothiazole derivatives in solution and the solid state. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 376, 324-332.	2.0	3
12	Solution-processable reduced graphene oxide template layer for molecular orientation control of organic semiconductors. RSC Advances, 2019, 9, 32940-32945.	1.7	5
13	Selective CO Production in Photoelectrochemical Reduction of CO₂ with a Cobalt Chlorin Complex Adsorbed on Multiwalled Carbon Nanotubes in Water. ACS Energy Letters, 2017, 2, 532-536.	8.8	40
14	Heterogeneous catalase-like activity of gold(<scp>i</scp>)â€“cobalt(<scp>iii</scp>) metallosupramolecular ionic crystals. Chemical Science, 2017, 8, 2671-2676.	3.7	22
15	Dual function photocatalysis of cyano-bridged heteronuclear metal complexes for water oxidation and two-electron reduction of dioxygen to produce hydrogen peroxide as a solar fuel. Chemical Communications, 2017, 53, 3473-3476.	2.2	37
16	Photocatalytic water oxidation by persulphate with a Ca²⁺ ion-incorporated polymeric cobalt cyanide complex affording O₂ with 200% quantum efficiency. Chemical Communications, 2017, 53, 3418-3421.	2.2	26
17	Smart Network Polymers with Bis(piperidyl)naphthalene Cross-Linkers: Selective Fluorescence Quenching and Photodegradation in the Presence of Trichloromethyl-Containing Chloroalkanes. Macromolecules, 2017, 50, 3544-3556.	2.2	17
18	Production of hydrogen peroxide by combination of semiconductor-photocatalysed oxidation of water and photocatalytic two-electron reduction of dioxygen. RSC Advances, 2016, 6, 42041-42044.	1.7	26

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19	Catalytic Formation of Hydrogen Peroxide from Coenzyme NADH and Dioxygen with a Water-Soluble Iridium Complex and a Ubiquinone Coenzyme Analogue. Inorganic Chemistry, 2016, 55, 7747-7754.	1.9	19
20	Photocatalytic Hydroxylation of Benzene by Dioxygen to Phenol with a Cyano-Bridged Complex Containing Fe^{II} and Ru^{II} Incorporated in Mesoporous Silicaâ€“Alumina. Inorganic Chemistry, 2016, 55, 5780-5786.	1.9	46
21	Nanofabrication of a Solidâ€State, Mesoporous Nanoparticle Composite for Efficient Photocatalytic Hydrogen Generation. ChemPlusChem, 2016, 81, 521-525.	1.3	9
22	Photocatalytic production of hydrogen peroxide from water and dioxygen using cyano-bridged polynuclear transition metal complexes as water oxidation catalysts. Catalysis Science and Technology, 2016, 6, 681-684.	2.1	66
23	Kinetics and Mechanisms of Reduction of Protons and Carbon Dioxide Catalyzed by Metal Complexes and Nanoparticles. Green Chemistry and Sustainable Technology, 2015, , 313-345.	0.4	0
24	Laser-Induced Dynamics of Peroxodicopper(II) Complexes Vary with the Ligand Architecture. One-Photon Two-Electron O₂ Ejection and Formation of Mixed-Valent Cu^ICu^{II}â€“Superoxide Intermediates. Journal of the American Chemical Society, 2015, 137, 15865-15874.	6.6	21
25	A metalloporphyrinic compound with a high selectivity for N2 and CO2 separation. Journal of Porphyrins and Phthalocyanines, 2015, 19, 1225-1231.	0.4	3
26	Size-selective incorporation of donorâ€“acceptor linked dyad cations into zeolite Y and long-lived charge separation. RSC Advances, 2015, 5, 45582-45585.	1.7	13
27	Bottom-up and top-down methods to improve catalytic reactivity for photocatalytic production of hydrogen peroxide using a Ru-complex and water oxidation catalysts. Journal of Materials Chemistry A, 2015, 3, 12404-12412.	5.2	67
28	Influence of pH on the decay of Î²-carotene radical cation in aqueous Triton X-100: A laser flash photolysis study. Journal of Photochemistry and Photobiology B: Biology, 2015, 146, 68-73.	1.7	6
29	Catalytic hydrogen production from paraformaldehyde and water using an organoiridium complex. Chemical Communications, 2015, 51, 1670-1672.	2.2	45
30	Long-Lived Charge Separation and Applications in Artificial Photosynthesis. Accounts of Chemical Research, 2014, 47, 1455-1464.	7.6	334
31	Catalytic oxidation of formic acid by dioxygen with an organoiridium complex. Catalysis Science and Technology, 2014, 4, 3636-3639.	2.1	11
32	Formation of the Long-Lived Charge-Separated State of the 9-Mesityl-10-methylacridinium Cation Incorporated into Mesoporous Aluminosilicate at High Temperatures. Journal of Physical Chemistry C, 2014, 118, 24188-24196.	1.5	24
33	Assembly and Stepwise Oxidation of Interpenetrated Coordination Cages Based on Phenothiazine. Angewandte Chemie - International Edition, 2013, 52, 10102-10106.	7.2	108
34	Direct Synthesis of Hydrogen Peroxide from Hydrogen and Oxygen by Using a Waterâ€Soluble Iridium Complex and Flavin Mononucleotide. Angewandte Chemie - International Edition, 2013, 52, 12327-12331.	7.2	57
35	Production of hydrogen peroxide as a sustainable solar fuel from water and dioxygen. Energy and Environmental Science, 2013, 6, 3756.	15.6	200
36	The long-lived electron transfer state of the 2-phenyl-4-(1-naphthyl)quinolinium ion incorporated into nanosized mesoporous silicaâ€“alumina acting as a robust photocatalyst in water. Chemical Communications, 2013, 49, 5132.	2.2	30

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37	Hydrogen storage and evolution catalysed by metal hydride complexes. Dalton Transactions, 2013, 42, 18-28.	1.6	111
38	Titelbild: Direct Synthesis of Hydrogen Peroxide from Hydrogen and Oxygen by Using a Water-Soluble Iridium Complex and Flavin Mononucleotide (Angew. Chem. 47/2013). Angewandte Chemie, 2013, 125, 12417-12417.	1.6	0
39	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
40	Mechanistic Borderline of One-Step Hydrogen Atom Transfer versus Stepwise Sc³⁺-Coupled Electron Transfer from Benzyl Alcohol Derivatives to a Non-Heme Iron(IV)-Oxo Complex. Inorganic Chemistry, 2012, 51, 10025-10036.	1.9	76
41	Efficient Catalytic Interconversion between NADH and NAD⁺ Accompanied by Generation and Consumption of Hydrogen with a Water-Soluble Iridium Complex at Ambient Pressure and Temperature. Journal of the American Chemical Society, 2012, 134, 367-374.	6.6	142
42	Water-soluble mononuclear cobalt complexes with organic ligands acting as precatalysts for efficient photocatalytic water oxidation. Energy and Environmental Science, 2012, 5, 7606.	15.6	208
43	Redox-induced reversible metal assembly through translocation and reversible ligand coupling in tetranuclear metal sandwich frameworks. Nature Chemistry, 2012, 4, 52-58.	6.6	57
44	Hydrogen Evolution from Aliphatic Alcohols and 1,4-Selective Hydrogenation of NAD⁺ Catalyzed by a [C,N] and a [C,C] Cyclometalated Organoiridium Complex at Room Temperature in Water. Journal of the American Chemical Society, 2012, 134, 9417-9427.	6.6	79
45	Catalytic interconversion between hydrogen and formic acid at ambient temperature and pressure. Energy and Environmental Science, 2012, 5, 7360.	15.6	192
46	Photocatalytic Generation of a Non-Heme Oxoiron(IV) Complex with Water as an Oxygen Source. Journal of the American Chemical Society, 2011, 133, 3249-3251.	6.6	74
47	Combination of visible-light responsive heterogeneous and homogeneous photocatalysts for water oxidation. Physical Chemistry Chemical Physics, 2011, 13, 17960.	1.3	8
48	Cupric Superoxo-Mediated Intermolecular Câˆ’H Activation Chemistry. Journal of the American Chemical Society, 2011, 133, 1702-1705.	6.6	141
49	A Vanadium Porphyrin with Temperatureâ€Dependent Phase Transformation: Synthesis, Crystal Structures, Supramolecular Motifs and Properties. Chemistry - an Asian Journal, 2011, 6, 1416-1422.	1.7	17
50	Catalytic Mechanism of Water Oxidation with Single-Site Ruthenium â€“ Heteropolytungstate Complexes. Journal of the American Chemical Society, 2011, 133, 11605-11613.	6.6	200
51	Catalytic mechanisms of hydrogen evolution with homogeneous and heterogeneous catalysts. Energy and Environmental Science, 2011, 4, 2754.	15.6	169
52	Photocatalytic Production of Hydrogen by Disproportionation of Oneâ€Electronâ€Reduced Rhodium and Iridiumâ€“Ruthenium Complexes in Water. Angewandte Chemie - International Edition, 2011, 50, 728-731.	7.2	114
53	Contrasting Effects of Axial Ligands on Electronâ€Transfer Versus Protonâ€Coupled Electronâ€Transfer Reactions of Nonheme Oxoiron(IV) Complexes. Chemistry - A European Journal, 2010, 16, 354-361.	1.7	42
54	Formic Acid Acting as an Efficient Oxygen Scavenger in Four-Electron Reduction of Oxygen Catalyzed by a Heterodinuclear Iridiumâˆ’Ruthenium Complex in Water. Journal of the American Chemical Society, 2010, 132, 11866-11867.	6.6	20

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55	Mononuclear Copper Complex-Catalyzed Four-Electron Reduction of Oxygen. Journal of the American Chemical Society, 2010, 132, 6874-6875.	6.6	127
56	Unusually Large Tunneling Effect on Highly Efficient Generation of Hydrogen and Hydrogen Isotopes in pH-Selective Decomposition of Formic Acid Catalyzed by a Heterodinuclear Iridiumâ˜Ruthenium Complex in Water. Journal of the American Chemical Society, 2010, 132, 1496-1497.	6.6	252
57	Metallocene bis(perfluoroalkanesulfonate)s as air-stable cationic Lewis acids. Journal of Organometallic Chemistry, 2009, 694, 1524-1528.	0.8	26
58	Switchable Antenna: A Starâ€Shaped Ruthenium/Osmium Tetranuclear Complex with Azobis(bipyridine) Bridging Ligands. Chemistry - A European Journal, 2008, 14, 2709-2718.	1.7	21
59	Efficient Catalytic Decomposition of Formic Acid for the Selective Generation of H₂ and H/D Exchange with a Waterâ€Soluble Rhodium Complex in Aqueous Solution. ChemSusChem, 2008, 1, 827-834.	3.6	201
60	Fundamental Electron-Transfer Properties of Non-heme Oxoiron(IV) Complexes. Journal of the American Chemical Society, 2008, 130, 434-435.	6.6	144
61	Binding Modes in Metal Ion Complexes of Quinones and Semiquinone Radical Anions: Electron-Transfer Reactivity. ChemPhysChem, 2006, 7, 942-954.	1.0	54
62	Change of Interlayer Exchange Coupling in Fe/Y Multilayers by Hydrogenation. Japanese Journal of Applied Physics, 2005, 44, 158-162.	0.8	4
63	Thermochromism of Metal Ion Complexes of Semiquinone Radical Anions. Control of Equilibria between Diamagnetic and Paramagnetic Species by Lewis Acids. Journal of Physical Chemistry A, 2005, 109, 9356-9362.	1.1	22
64	Mechanism of Scandium Ion Catalyzed Dielsâ˜Alder Reaction of Anthracenes with Methyl Vinyl Ketone. Journal of Physical Chemistry A, 2005, 109, 3174-3181.	1.1	14
65	Electron-Transfer Oxidation Properties of DNA Bases and DNA Oligomers. Journal of Physical Chemistry A, 2005, 109, 3285-3294.	1.1	93
66	Scandium Ion-Promoted Photoinduced Electron Transfer from Electron Donors to Acridine and Pyrene. Essential Role of Scandium Ion in Photocatalytic Oxygenation of Hexamethylbenzene. Journal of the American Chemical Society, 2004, 126, 7585-7594.	6.6	56
67	Mechanism of enhancement effect of dendrimer on transdermal drug permeation through polyhydroxyalkanoate matrix. Journal of Bioscience and Bioengineering, 2003, 96, 537-540.	1.1	43
68	Excited-State Deprotonation and H/D Exchange of an Iridium Hydride Complex. Angewandte Chemie - International Edition, 2003, 42, 5492-5495.	7.2	52
69	Synthesis and Structural, Electrochemical, and Optical Properties of Ru(II) Complexes with Azobis(2,2â€˜-bipyridine)s. Inorganic Chemistry, 2003, 42, 3057-3066.	1.9	55
70	Mechanisms of Hydrogen-, Oxygen-, and Electron-Transfer Reactions of Cumylperoxyl Radical. Journal of the American Chemical Society, 2003, 125, 9074-9082.	6.6	93
71	Highly Self-Organized Electron Transfer from an Iridium Complex top-Benzoquinone Due to Formation of a Ï€-Dimer Radical Anion Complex Triply Bridged by Scandium Ions. Journal of the American Chemical Society, 2003, 125, 12090-12091.	6.6	44
72	Mechanisms of Electron-Transfer Oxidation of NADH Analogues and Chemiluminescence. Detection of the Keto and Enol Radical Cations. Journal of the American Chemical Society, 2003, 125, 4808-4816.	6.6	70

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73	Remarkable effects of counter ions on scandium ion-promoted electron transfer reactions. Chemical Communications, 2003, , 1070-1071.	2.2	13
74	Interlayer Exchange Coupling of Fe/Y Multilayers. Japanese Journal of Applied Physics, 2003, 42, L291-L293.	0.8	3
75	Direct Detection of Radical Cations of NADH Analogues. Journal of the American Chemical Society, 2002, 124, 14538-14539.	6.6	24
76	Scandium Ion-Promoted Reduction of Heterocyclic NN Double Bond. Hydride Transfer vs Electron Transfer. Journal of the American Chemical Society, 2002, 124, 12566-12573.	6.6	45
77	Structural and Spectroscopic Features of acis(Hydroxo)-FeIII-(Carboxylato) Configuration as an Active Site Model for Lipoxygenases. Inorganic Chemistry, 2002, 41, 5513-5520.	1.9	53
78	Significant Enhancement of Electron Transfer Reduction of NAD+Analogues by Complexation with Scandium Ion and the Detection of the Radical Intermediateâ^'Scandium Ion Complex. Journal of the American Chemical Society, 2002, 124, 9181-9188.	6.6	23
79	Activation of electron transfer reduction of p-benzoquinone derivatives by intermolecular regioselective hydrogen bond formation. Chemical Communications, 2002, , 1984-1985.	2.2	16
80	Electron Transfer Properties of Singlet Oxygen and Promoting Effects of Scandium Ion. Journal of Physical Chemistry A, 2002, 106, 1241-1247.	1.1	25
81	Dehydrogenation vs Oxygenation in Photosensitized Oxidation of 9-Substituted 10-Methyl-9,10-dihydroacridine in the Presence of Scandium Ion. Journal of Physical Chemistry A, 2002, 106, 1465-1472.	1.1	5
82	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
83	Change in Spin State and Enhancement of Redox Reactivity of Photoexcited States of Aromatic Carbonyl Compounds by Complexation with Metal Ion Salts Acting as Lewis Acids. Lewis Acid-Catalyzed Photoaddition of Benzyltrimethylsilane and Tetramethyltin via Photoinduced Electron Transfer. Journal of the American Chemical Society, 2001, 123, 7756-7766.	6.6	68
84	Extremely Slow Long-Range Electron Transfer Reactions Across Zeoliteâ^'Solution Interface. Journal of the American Chemical Society, 2001, 123, 11331-11332.	6.6	32
85	Metal Ion-Catalyzed Cycloaddition vs Hydride Transfer Reactions of NADH Analogues withp-Benzoquinones. Journal of the American Chemical Society, 2001, 123, 10191-10199.	6.6	73
86	Regioreversed Thermal and Photochemical Reduction of 10-Methylacridinium and 1-Methylquinolinium Ions by Organosilanes and Oraganostannanes. Journal of Physical Chemistry A, 2001, 105, 1857-1868.	1.1	29
87	Scandium Ion-Promoted Photoinduced Electron-Transfer Oxidation of Fullerenes and Derivatives by p-Chloranil and p-Benzoquinone. Journal of the American Chemical Society, 2001, 123, 12458-12465.	6.6	56
88	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
89	Quantitative Evaluation of Lewis Acidity of Organotin Compounds and the Catalytic Reactivity in Electron Transfer. Chemistry Letters, 2001, 30, 978-979.	0.7	18
90	Effects of Lowering Symmetry on the ESR Spectra of Radical Anions of Fullerene Derivatives and the Reduction Potentials. Journal of Physical Chemistry A, 2000, 104, 10688-10694.	1.1	32

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91	Effect of Addition Pattern on the Electrochemical and Spectroscopic Properties of Neutral and Reduced 1,2- and 1,4-(C6H5CH2)2C60 Isomers. Journal of Physical Chemistry A, 2000, 104, 3878-3883.	1.1	58
92	Hydride Transfer from 9-Substituted 10-Methyl-9,10-dihydroacridines to Hydride Acceptors via Charge-Transfer Complexes and Sequential Electronâˆ'Protonâˆ'Electron Transfer. A Negative Temperature Dependence of the Rates. Journal of the American Chemical Society, 2000, 122, 4286-4294.	6.6	138
93	Photochemical Reactions of Coenzyme PQQ (Pyrroloquinolinequinone) and Analogues with Benzyl Alcohol Derivatives via Photoinduced Electron Transfer. Journal of the American Chemical Society, 2000, 122, 8435-8443.	6.6	29
94	Splitting of Degenerate Orbitals of Dibenzyl and Tetrabenzyl Adducts of C60:â€‰ ESR of the Radical Anions and the Rotation Barriers of Benzyl Groups. Journal of Physical Chemistry A, 2000, 104, 2908-2913.	1.1	11
95	Electrogeneration and Characterization of (C6H5CH2)2C70. Journal of Physical Chemistry A, 2000, 104, 2902-2907.	1.1	28
96	Electrosynthesis and Structural Characterization of Two (C6H5CH2)4C60Isomers. Journal of the American Chemical Society, 2000, 122, 563-570.	6.6	71
97	Stepwise Bond Formation in Photochemical and Thermal Dielsâˆ'Alder Reactions of C60 with Danishefsky's Dienes. Journal of the American Chemical Society, 2000, 122, 2236-2243.	6.6	49
98	Single Electron Transfer Diels-Alder Reaction of Fullerene with Danishefsky's Diene. Synlett, 1999, 1999, 1130-1132.	1.0	6
99	Addition of Group 14 organometallic compounds to C60 via photoinduced electron transfer. Direct detection of radical ion pair intermediates. Journal of Organometallic Chemistry, 1999, 574, 32-39.	0.8	19
100	Electron-Transfer Kinetics for Generation of Organoiron(IV) Porphyrins and the Iron(IV) Porphyrin Ï€ Radical Cations. Journal of the American Chemical Society, 1999, 121, 785-790.	6.6	63
101	ESR Spectra of Superoxide Anionâˆ'Scandium Complexes Detectable in Fluid Solution. Journal of the American Chemical Society, 1999, 121, 1605-1606.	6.6	66
102	Enhanced Reactivity of C70in the Photochemical Reactions with NADH and NAD Dimer Analogues As Compared to C60via Photoinduced Electron Transfer. Journal of Physical Chemistry A, 1999, 103, 5935-5941.	1.1	30
103	Electron-Transfer Properties of C60 and tert-Butyl-C60 Radical. Journal of the American Chemical Society, 1999, 121, 3468-3474.	6.6	78
104	Direct Observation of Radical Intermediates While Investigating the Redox Behavior of Thiamin Coenzyme Models. Angewandte Chemie - International Edition, 1998, 37, 992-994.	7.2	48
105	Solid state photochemistry for fullerene functionalization: Solid state photoinduced electron transfer in the Diels-Alder reaction with anthracenes. Tetrahedron Letters, 1998, 39, 3733-3736.	0.7	43
106	Electron Transfer Mechanism of Organocobalt Porphyrins. Site of Electron Transfer, Migration of Organic Groups, and Cobaltâˆ'Carbon Bond Energies in Different Oxidation States. Journal of the American Chemical Society, 1998, 120, 2880-2889.	6.6	52
107	Synthesis and Spectroscopic and Electrochemical Characterization of Di- and Tetrasubstituted C60 Derivatives. Journal of Physical Chemistry A, 1998, 102, 3898-3906.	1.1	81
108	Formation of Radical Anions in the Reaction ofp-Benzoquinone and C60with Alkoxide Ions. Journal of the American Chemical Society, 1998, 120, 6673-6680.	6.6	53

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109	Kinetic and Thermodynamic Studies of Iron(III) and Iron(IV) Ïƒ-Bonded Porphyrins. Formation and Reactivity of [(OEP)Fe(R)]n+, Where OEP Is the Dianion of Octaethylporphyrin (n= 0, 1, 2, 3) and R = C6H5, 3,4,5-C6F3H2, 2,4,6-C6F3H2, C6F4H, or C6F5. Inorganic Chemistry, 1998, 37, 1759-1766.	1.9	31
110	Selective One-Electron and Two-Electron Reduction of C60 with NADH and NAD Dimer Analogues via Photoinduced Electron Transfer. Journal of the American Chemical Society, 1998, 120, 8060-8068.	6.6	221
111	Formation of C60 Adducts with Two Different Alkyl Groups via Combination of Electron Transfer and SN2 Reactions. Journal of the American Chemical Society, 1998, 120, 9220-9227.	6.6	125
112	Substituent Effect of 1,4-Benzenedicarbonitriles as Sensitizers on the Photoinduced Electron Transfer Reactions in Alcohol. Bulletin of the Chemical Society of Japan, 1997, 70, 2269-2277.	2.0	5
113	Oxidation Mechanism of NAD Dimer Model Compounds. Chemistry Letters, 1997, 26, 567-568.	0.7	50
114	Redox Behavior of Active Aldehydes Derived from Thiamin Coenzyme Analogs. Chemistry Letters, 1997, 26, 707-708.	0.7	21
115	Metal Ion-Complexes ofÎ±,Î²-Unsaturated Ketones Acting as Actual Reactive Species in Michael Addition of Ketene Silyl Acetal. Chemistry Letters, 1997, 26, 667-668.	0.7	4
116	Formation of C60Radical Cation in Iron(III)-Exchanged Zeolite Y. Chemistry Letters, 1997, 26, 875-876.	0.7	11
117	Selective two-electron reduction of C60 by 10-methyl-9,10-dihydroacridine via photoinduced electron transfer. Chemical Communications, 1997, , 291-292.	2.2	28
118	Photoinduced charge-separation using 10-methylacridinium ion loaded in zeolite Y as a photocatalyst with negligible back electron transfer across the zeoliteâ€“solution interface. Chemical Communications, 1996, , 213-214.	2.2	12
119	Chemical Generation of C602-and Electron Transfer Mechanism for the Reactions with Alkyl Bromides. The Journal of Physical Chemistry, 1996, 100, 16327-16335.	2.9	106
120	The local structure around hydrogen atoms in a hydrogenated amorphous LaNi5.0 film studied by neutron diffraction. Journal of Alloys and Compounds, 1995, 221, 212-217.	2.8	13
121	Correlation between the electronic structure and hydrogen absorption characteristics in rare earth intermetallic compound hydrides. Journal of Alloys and Compounds, 1995, 221, 200-206.	2.8	24
122	Addition of Ketene Silyl Acetals to the Triplet Excited State of C60 via Photoinduced Electron Transfer Leading to the Fullereneacetates. Journal of the American Chemical Society, 1995, 117, 11134-11141.	6.6	115
123	Studies on local structure in hydrogenated amorphous LaNi5.0 films using extended X-ray absorption fine structure. Journal of Alloys and Compounds, 1993, 190, 273-277.	2.8	9
124	X-ray Absorption Fine Structure Studies on an Amorphous LaNi5.0Film Prepared by Reactive Sputtering. Japanese Journal of Applied Physics, 1993, 32, 679.	0.8	4
125	Structural Studies on Amorphous LaNi5.0Films as Prepared in Different Methods. Japanese Journal of Applied Physics, 1993, 32, 682.	0.8	3
126	Extended X-Ray Absorption Fine Structure Studies on Local Structure in Amorphous LaNi5.0Films. Bulletin of the Chemical Society of Japan, 1991, 64, 3522-3527.	2.0	4