Tomoyoshi Suenobu

List of Publications by Year
in descending order

126	6,970	38742 50	62596 80
papers	citations	h-index	g-index

133	133	133	6350
all docs	docs citations	times ranked	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.	2.5	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.	2.5	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.	8.0	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.	13.8	24
5	Bridged Stilbenes: AIEgens Designed via a Simple Strategy to Control the Nonâ€radiative Decay Pathway. Angewandte Chemie, 2020, 132, 10653-10660.	2.0	5
6	Selectivity switch in the aerobic oxygenation of sulfides photocatalysed by visible-light-responsive decavanadate. Green Chemistry, 2020, 22, 3896-3905.	9.0	40
7	Effect of the MIS structure with MgF₂ on CELIV measurements. Japanese Journal of Applied Physics, 2020, 59, SDDB01.	1.5	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.	3.6	9
9	Delocalization of positive charge in aromatic liquids studied by subnanosecond near-infrared transient absorption spectroscopy. Chemical Physics Letters, 2019, 731, 136578.	2.6	4
10	Effect of reabsorption of fluorescence on transient absorption measurements. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 220, 117127.	3.9	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.	3.9	3
12	Solution-processable reduced graphene oxide template layer for molecular orientation control of organic semiconductors. RSC Advances, 2019, 9, 32940-32945.	3.6	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.	17.4	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.	7.4	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.	4.1	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.	4.1	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.	4.8	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.	3.6	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.	4.0	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.	4.0	46
21	Nanofabrication of a Solidâ€State, Mesoporous Nanoparticle Composite for Efficient Photocatalytic Hydrogen Generation. ChemPlusChem, 2016, 81, 521-525.	2.8	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.	4.1	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.	0.7	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.	13.7	21
25	A metalloporphyrinic compound with a high selectivity for N2 and CO2 separation. Journal of Porphyrins and Phthalocyanines, 2015, 19, 1225-1231.	0.8	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.	3.6	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.	10.3	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.	3.8	6
29	Catalytic hydrogen production from paraformaldehyde and water using an organoiridium complex. Chemical Communications, 2015, 51, 1670-1672.	4.1	45
30	Long-Lived Charge Separation and Applications in Artificial Photosynthesis. Accounts of Chemical Research, 2014, 47, 1455-1464.	15.6	334
31	Catalytic oxidation of formic acid by dioxygen with an organoiridium complex. Catalysis Science and Technology, 2014, 4, 3636-3639.	4.1	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.	3.1	24
33	Assembly and Stepwise Oxidation of Interpenetrated Coordination Cages Based on Phenothiazine. Angewandte Chemie - International Edition, 2013, 52, 10102-10106.	13.8	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.	13.8	57
35	Production of hydrogen peroxide as a sustainable solar fuel from water and dioxygen. Energy and Environmental Science, 2013, 6, 3756.	30.8	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.	4.1	30

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37	Hydrogen storage and evolution catalysed by metal hydride complexes. Dalton Transactions, 2013, 42, 18-28.	3.3	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.	2.0	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.	7.1	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.	4.0	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.	13.7	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.	30.8	208
43	Redox-induced reversible metal assembly through translocation and reversible ligand coupling in tetranuclear metal sandwich frameworks. Nature Chemistry, 2012, 4, 52-58.	13.6	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.	13.7	79
45	Catalytic interconversion between hydrogen and formic acid at ambient temperature and pressure. Energy and Environmental Science, 2012, 5, 7360.	30.8	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.	13.7	74
47	Combination of visible-light responsive heterogeneous and homogeneous photocatalysts for water oxidation. Physical Chemistry Chemical Physics, 2011, 13, 17960.	2.8	8
48	Cupric Superoxo-Mediated Intermolecular Câ^'H Activation Chemistry. Journal of the American Chemical Society, 2011, 133, 1702-1705.	13.7	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.	3.3	17
50	Catalytic Mechanism of Water Oxidation with Single-Site Rutheniumâ€“Heteropolytungstate Complexes. Journal of the American Chemical Society, 2011, 133, 11605-11613.	13.7	200
51	Catalytic mechanisms of hydrogen evolution with homogeneous and heterogeneous catalysts. Energy and Environmental Science, 2011, 4, 2754.	30.8	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.	13.8	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.	3.3	42
54	Formic Acid Acting as an Efficient Oxygen Scavenger in Four-Electron Reduction of Oxygen Catalyzed by a Heterodinuclear Iridiumâ^'Ruthenium Complex in Water. Journal of the American Chemical Society, 2010, 132, 11866-11867.	13.7	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.	13.7	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.	13.7	252
57	Metallocene bis(perfluoroalkanesulfonate)s as air-stable cationic Lewis acids. Journal of Organometallic Chemistry, 2009, 694, 1524-1528.	1.8	26
58	Switchable Antenna: A Starâ€Shaped Ruthenium/Osmium Tetranuclear Complex with Azobis(bipyridine) Bridging Ligands. Chemistry - A European Journal, 2008, 14, 2709-2718.	3.3	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.	6.8	201
60	Fundamental Electron-Transfer Properties of Non-heme Oxoiron(IV) Complexes. Journal of the American Chemical Society, 2008, 130, 434-435.	13.7	144
61	Binding Modes in Metal Ion Complexes of Quinones and Semiquinone Radical Anions: Electron-Transfer Reactivity. ChemPhysChem, 2006, 7, 942-954.	2.1	54
62	Change of Interlayer Exchange Coupling in Fe/Y Multilayers by Hydrogenation. Japanese Journal of Applied Physics, 2005, 44, 158-162.	1.5	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.	2.5	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.	2.5	14
65	Electron-Transfer Oxidation Properties of DNA Bases and DNA Oligomers. Journal of Physical Chemistry A, 2005, 109, 3285-3294.	2.5	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.	13.7	56
67	Mechanism of enhancement effect of dendrimer on transdermal drug permeation through polyhydroxyalkanoate matrix. Journal of Bioscience and Bioengineering, 2003, 96, 537-540.	2.2	43
68	Excited-State Deprotonation and H/D Exchange of an Iridium Hydride Complex. Angewandte Chemie - International Edition, 2003, 42, 5492-5495.	13.8	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.	4.0	55
70	Mechanisms of Hydrogen-, Oxygen-, and Electron-Transfer Reactions of Cumylperoxyl Radical. Journal of the American Chemical Society, 2003, 125, 9074-9082.	13.7	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.	13.7	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.	13.7	70

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73	Remarkable effects of counter ions on scandium ion-promoted electron transfer reactions. Chemical Communications, 2003, , 1070-1071.	4.1	13
74	Interlayer Exchange Coupling of Fe/Y Multilayers. Japanese Journal of Applied Physics, 2003, 42, L291-L293.	1.5	3
75	Direct Detection of Radical Cations of NADH Analogues. Journal of the American Chemical Society, 2002, 124, 14538-14539.	13.7	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.	13.7	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.	4.0	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.	13.7	23
79	Activation of electron transfer reduction of p-benzoquinone derivatives by intermolecular regioselective hydrogen bond formation. Chemical Communications, 2002, , 1984-1985.	4.1	16
80	Electron Transfer Properties of Singlet Oxygen and Promoting Effects of Scandium Ion. Journal of Physical Chemistry A, 2002, 106, 1241-1247.	2.5	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.	2.5	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.	13.7	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.	13.7	68
84	Extremely Slow Long-Range Electron Transfer Reactions Across Zeoliteâ^'Solution Interface. Journal of the American Chemical Society, 2001, 123, 11331-11332.	13.7	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.	13.7	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.	2.5	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.	13.7	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.	2.5	81
89	Quantitative Evaluation of Lewis Acidity of Organotin Compounds and the Catalytic Reactivity in Electron Transfer. Chemistry Letters, 2001, 30, 978-979.	1.3	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.	2.5	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.	2.5	58
92	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.	13.7	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.	13.7	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.	2.5	11
95	Electrogeneration and Characterization of (C6H5CH2)2C70. Journal of Physical Chemistry A, 2000, 104, 2902-2907.	2.5	28
96	Electrosynthesis and Structural Characterization of Two (C6H5CH2)4C60Isomers. Journal of the American Chemical Society, 2000, 122, 563-570.	13.7	71
97	Stepwise Bond Formation in Photochemical and Thermal Dielsâ^'Alder Reactions of C60 with Danishefsky's Dienes. Journal of the American Chemical Society, 2000, 122, 2236-2243.	13.7	49
98	Single Electron Transfer Diels-Alder Reaction of Fullerene with Danishefsky's Diene. Synlett, 1999, 1999, 1130-1132.	1.8	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.	1.8	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.	13.7	63
101	ESR Spectra of Superoxide Anionâ^'Scandium Complexes Detectable in Fluid Solution. Journal of the American Chemical Society, 1999, 121, 1605-1606.	13.7	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.	2.5	30
103	Electron-Transfer Properties of C60 and tert-Butyl-C60 Radical. Journal of the American Chemical Society, 1999, 121, 3468-3474.	13.7	78
104	Direct Observation of Radical Intermediates While Investigating the Redox Behavior of Thiamin Coenzyme Models. Angewandte Chemie - International Edition, 1998, 37, 992-994.	13.8	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.	1.4	43
106	Electron Transfer Mechanism of Organocobalt Porphyrins. Site of Electron Transfer, Migration of Organic Groups, and Cobaltâ^'Carbon Bond Energies in Different Oxidation States. Journal of the American Chemical Society, 1998, 120, 2880-2889.	13.7	52
107	Synthesis and Spectroscopic and Electrochemical Characterization of Di- and Tetrasubstituted C60 Derivatives. Journal of Physical Chemistry A, 1998, 102, 3898-3906.	2.5	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.	13.7	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.	4.0	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.	13.7	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.	13.7	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.	3.2	5
113	Oxidation Mechanism of NAD Dimer Model Compounds. Chemistry Letters, 1997, 26, 567-568.	1.3	50
114	Redox Behavior of Active Aldehydes Derived from Thiamin Coenzyme Analogs. Chemistry Letters, 1997, 26, 707-708.	1.3	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.	1.3	4
116	Formation of C60Radical Cation in Iron(III)-Exchanged Zeolite Y. Chemistry Letters, 1997, 26, 875-876.	1.3	11
117	Selective two-electron reduction of C60 by 10-methyl-9,10-dihydroacridine via photoinduced electron transfer. Chemical Communications, 1997, , 291-292.	4.1	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.	4.1	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.	5.5	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.	5.5	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.	13.7	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.	5.5	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.	1.5	4
125	Structural Studies on Amorphous LaNi5.0Films as Prepared in Different Methods. Japanese Journal of Applied Physics, 1993, 32, 682.	1.5	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.	3.2	4