

Takahiko Kojima

List of Publications by Year in descending order

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166
papers

5,234
citations

71102

41
h-index

110387

64
g-index

172
all docs

172
docs citations

172
times ranked

4863
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic Carbon Dioxide Reduction Using Nickel Complexes as Catalysts. <i>ChemPhotoChem</i> , 2021, 5, 512-520.	3.0	15
2	Long-Range Order in Supramolecular π -Assemblies in Discrete Multidecker Naphthalenediimides. <i>Journal of the American Chemical Society</i> , 2021, 143, 3238-3244.	13.7	19
3	A cationic copolymer as a cocatalyst for a peroxidase-mimicking heme-DNAzyme. <i>Biomaterials Science</i> , 2021, 9, 6142-6152.	5.4	5
4	Iron complex of a quadruply fused porphyrin: Synthesis, structure and redox properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 252-258.	0.8	3
5	Conformational Dynamics of Monomer- versus Dimer-like Features in a Naphthalenediimide-Based Conjugated Cyclophane. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5254-5258.	13.8	28
6	Conformational Dynamics of Monomer- versus Dimer-like Features in a Naphthalenediimide-Based Conjugated Cyclophane. <i>Angewandte Chemie</i> , 2020, 132, 5292-5296.	2.0	7
7	Cooperative Effects of Heterodinuclear Ir ^{III} -M ^{II} Complexes on Catalytic H ₂ Evolution from Formic Acid Dehydrogenation in Water. <i>Inorganic Chemistry</i> , 2020, 59, 11976-11985.	4.0	19
8	Photocatalytic hydrogen evolution using a Ru(II)-bound heteroaromatic ligand as a reactive site. <i>Dalton Transactions</i> , 2020, 49, 17230-17242.	3.3	11
9	Selective catalytic 2e ⁻ -oxidation of organic substrates by an Fe ^{II} complex having an N-heterocyclic carbene ligand in water. <i>Chemical Communications</i> , 2020, 56, 9783-9786.	4.1	8
10	Redox properties of a bipyrimidine-bridged dinuclear ruthenium(II) complex. <i>Inorganic Chemistry Communication</i> , 2020, 120, 108150.	3.9	1
11	Study on Proton-Coupled Electron Transfer in Transition Metal Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1571-1582.	3.2	10
12	Mechanistic Insight into Concerted Proton-Electron Transfer of a Ru(IV)-Oxo Complex: A Possible Oxidative Asynchronicity. <i>Journal of the American Chemical Society</i> , 2020, 142, 16982-16989.	13.7	30
13	Efficient Near-Infrared Light-Driven Hydrogen Evolution Catalyzed by a Saddle-Distorted Porphyrin as a Photocatalyst. <i>ACS Applied Energy Materials</i> , 2020, 3, 3193-3197.	5.1	16
14	Innen-Äcktitelbild: Conformational Dynamics of Monomer- versus Dimer-like Features in a Naphthalenediimide-Based Conjugated Cyclophane (<i>Angew. Chem.</i> 13/2020). <i>Angewandte Chemie</i> , 2020, 132, 5445-5445.	2.0	0
15	Discrete π Stack of a Tweezer-Shaped Naphthalenediimide-Anthracene Conjugate. <i>Chemistry - A European Journal</i> , 2020, 26, 13288-13294.	3.3	5
16	A Mechanistic Dichotomy in Two-Electron Reduction of Dioxygen Catalyzed by N,N'-Dimethylated Porphyrin Isomers. <i>Chemistry - A European Journal</i> , 2020, 26, 10480-10486.	3.3	4
17	Development of functionality of metal complexes based on proton-coupled electron transfer. <i>Dalton Transactions</i> , 2020, 49, 7284-7293.	3.3	11
18	Selective Convergence to Atropisomers of a Porphyrin Derivative Having Bulky Substituents at the Periphery. <i>Journal of Organic Chemistry</i> , 2020, 85, 12856-12869.	3.2	4

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19	Mechanistic Insight into Synergistic Catalysis of Olefin Hydrogenation by a Hetero-Dinuclear Ru ^{II} –Co ^{II} Complex with Adjacent Reaction Sites. <i>Inorganic Chemistry</i> , 2019, 58, 11284-11288.	4.0	5
20	Excellent Oxygen Reduction Reaction Performance in Self-Assembled Amyloid- β /Platinum Nanoparticle Hybrids with Effective Platinum–Nitrogen Bond Formation. <i>ACS Applied Energy Materials</i> , 2019, 2, 6536-6541.	5.1	8
21	Identification of Intermediates in Peroxidase Catalytic Cycle of a DNAzyme Possessing Heme. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1729-1736.	3.2	17
22	Metal–Oxyl Species and Their Possible Roles in Chemical Oxidations. <i>Inorganic Chemistry</i> , 2019, 58, 9517-9542.	4.0	73
23	Fundamental electron-transfer and proton-coupled electron-transfer properties of Ru(IV)-oxo complexes. <i>Dalton Transactions</i> , 2019, 48, 13154-13161.	3.3	12
24	Formation of a Ruthenium(V)–Imido Complex and the Reactivity in Substrate Oxidation in Water through the Nitrogen Non-Rebound Mechanism. <i>Inorganic Chemistry</i> , 2019, 58, 12815-12824.	4.0	8
25	A Diprotonated Porphyrin as an Electron Mediator in Photoinduced Electron Transfer in Hydrogen-Bonded Supramolecular Assemblies. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11529-11538.	3.1	6
26	Dioxygen/Hydrogen Peroxide Interconversion Using Redox Couples of Saddle-Distorted Porphyrins and Isophlorins. <i>Journal of the American Chemical Society</i> , 2019, 141, 5987-5994.	13.7	17
27	Efficient photocatalytic proton-coupled electron-transfer reduction of O ₂ using a saddle-distorted porphyrin as a photocatalyst. <i>Chemical Communications</i> , 2019, 55, 4925-4928.	4.1	13
28	Mechanistic Insight into Dioxygen Evolution from Diastereomeric μ_4 -Peroxo Dinuclear Co(III) Complexes Based on Stoichiometric Electron-Transfer Oxidation. <i>Inorganic Chemistry</i> , 2019, 58, 3676-3682.	4.0	22
29	Efficient Photocatalytic CO ₂ Reduction by a Ni(II) Complex Having Pyridine Pendants through Capturing a Mg ²⁺ Ion as a Lewis-Acid Cocatalyst. <i>Journal of the American Chemical Society</i> , 2019, 141, 20309-20317.	13.7	102
30	Significant Enhancement of Hole Transport Ability in Conjugated Polymer/Fullerene Bulk Heterojunction Microspheres. <i>ACS Applied Polymer Materials</i> , 2019, 1, 118-123.	4.4	4
31	Catalytic Oxidative Cracking of Benzene Rings in Water. <i>ACS Catalysis</i> , 2019, 9, 671-678.	11.2	18
32	Substituent Effects at the β -Positions of the Nonfused Pyrroles in a Quadruply Fused Porphyrin on the Structure and Optical and Electrochemical Properties. <i>Inorganic Chemistry</i> , 2018, 57, 1106-1115.	4.0	11
33	Formation and Isolation of a Four-Electron-Reduced Porphyrin Derivative by Reduction of a Stable 20β -Isophlorin. <i>Angewandte Chemie</i> , 2018, 130, 1991-1995.	2.0	5
34	A supramolecular photocatalyst composed of a polyoxometalate and a photosensitizing water-soluble porphyrin diacid for the oxidation of organic substrates in water. <i>Green Chemistry</i> , 2018, 20, 1975-1980.	9.0	38
35	Intermediate-Spin Iron(III) Complexes Having a Redox-Noninnocent Macrocyclic Tetraamido Ligand. <i>Inorganic Chemistry</i> , 2018, 57, 9683-9695.	4.0	13
36	NH Tautomerism of a Quadruply Fused Porphyrin: Rigid Fused Structure Delays the Proton Transfer. <i>Journal of Physical Chemistry B</i> , 2018, 122, 316-327.	2.6	2

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37	Formation and Isolation of a Four-Electron-Reduced Porphyrin Derivative by Reduction of a Stable 20-E Isophlorin. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1973-1977.	13.8	10
38	Importance of the Reactant-State Potentials of Chromium(V)-Oxo Complexes to Determine the Reactivity in Hydrogen-Atom Transfer Reactions. <i>Inorganic Chemistry</i> , 2018, 57, 13929-13936.	4.0	8
39	Ruthenium(II) Complexes Having a Pincer-Type Ligand with Two <i>N</i> -Heterocyclic Carbene Moieties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 611-615.	1.2	7
40	Mechanistic Insights into Homogeneous Electrocatalytic and Photocatalytic Hydrogen Evolution Catalyzed by High-Spin Ni(II) Complexes with S ₂ N ₂ -Type Tetradentate Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 7180-7190.	4.0	47
41	Peptide Cross-linkers: Immobilization of Platinum Nanoparticles Highly Dispersed on Graphene Oxide Nanosheets with Enhanced Photocatalytic Activities. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9996-10002.	8.0	22
42	Thermodynamics and Photodynamics of a Monoprotonated Porphyrin Directly Stabilized by Hydrogen Bonding with Polar Protic Solvents. <i>Chemistry - A European Journal</i> , 2017, 23, 4669-4679.	3.3	13
43	Visible-Light-Driven Photocatalytic CO ₂ Reduction by a Ni(II) Complex Bearing a Bioinspired Tetradentate Ligand for Selective CO Production. <i>Journal of the American Chemical Society</i> , 2017, 139, 6538-6541.	13.7	181
44	Formation of supramolecular hetero-triads by controlling the hydrogen bonding of conjugate bases with a diprotonated porphyrin based on electrostatic interaction. <i>Chemical Communications</i> , 2017, 53, 6359-6362.	4.1	7
45	Acid-Base Properties of a Freebase Form of a Quadruply Ring-Fused Porphyrin-Stepwise Protonation Induced by Rigid Ring-Fused Structure. <i>Journal of Organic Chemistry</i> , 2017, 82, 322-330.	3.2	13
46	High-valent metal-oxo complexes generated in catalytic oxidation reactions using water as an oxygen source. <i>Coordination Chemistry Reviews</i> , 2017, 333, 44-56.	18.8	62
47	Mechanistic Insights into C-H Oxidations by Ruthenium(III)-Pterin Complexes: Impact of Basicity of the Pterin Ligand and Electron Acceptability of the Metal Center on the Transition States. <i>Journal of the American Chemical Society</i> , 2016, 138, 9508-9520.	13.7	22
48	A Ruthenium(III)-Oxyl Complex Bearing Strong Radical Character. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14041-14045.	13.8	34
49	Characteristics and reactivity of ruthenium-oxo complexes. <i>Dalton Transactions</i> , 2016, 45, 16727-16750.	3.3	62
50	Homogeneous and Heterogeneous Photocatalytic Water Oxidation by Persulfate. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1138-1150.	3.3	67
51	Homogeneous Photocatalytic Water Oxidation with a Dinuclear Co ^{III} -Pyridylmethylamine Complex. <i>Inorganic Chemistry</i> , 2016, 55, 1154-1164.	4.0	73
52	Ring-fused porphyrins: extension of π -conjugation significantly affects the aromaticity and optical properties of the porphyrin π -systems and the Lewis acidity of the central metal ions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 15001-15011.	2.8	41
53	Controlling the redox properties of a pyrroloquinolinequinone (PQQ) derivative in a ruthenium(<i>ii</i>) coordination sphere. <i>Dalton Transactions</i> , 2015, 44, 3151-3158.	3.3	10
54	Molecular assemblies based on strong axial coordination in metal complexes of saddle-distorted dodecaphenylporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 32-44.	0.8	5

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55	Enhancement of 4-electron O ₂ reduction by a Cu(II)-pyridylamine complex via protonation of a pendant pyridine in the second coordination sphere in water. <i>Chemical Communications</i> , 2015, 51, 13385-13388.	4.1	21
56	Mechanistic study of methanol oxidation by Ru(IV)=O complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 417-426.	0.8	1
57	Supramolecular Interaction of Fullerenes with a Curved π -Surface of a Monomeric Quadruply Ring-Fused Porphyrin. <i>Chemistry - A European Journal</i> , 2015, 21, 5302-5306.	3.3	28
58	Redox-Noninnocent Behavior of Tris(2-pyridylmethyl)amine Bound to a Lewis Acidic Rh(III) Ion Induced by C-H Deprotonation. <i>Journal of the American Chemical Society</i> , 2015, 137, 11222-11225.	13.7	16
59	Formation and characterization of a reactive chromium(V)=O complex: mechanistic insight into hydrogen-atom transfer reactions. <i>Chemical Science</i> , 2015, 6, 945-955.	7.4	37
60	Oxidation of Organic Substrates with Ru(IV)=O Complexes Formed by Proton-Coupled Electron Transfer. <i>Synlett</i> , 2014, 25, 1667-1679.	1.8	25
61	Binding of Scandium Ions to Metalloporphyrin-Flavin Complexes for Long-Lived Charge Separation. <i>Chemistry - A European Journal</i> , 2014, 20, 15518-15532.	3.3	7
62	Tetranuclear Ruthenium(II) Complex with a Dinucleating Ligand Forming Multi-Mixed-Valence States. <i>Inorganic Chemistry</i> , 2014, 53, 12677-12679.	4.0	0
63	Reactivity of a Ru(III)-hydroxo complex in substrate oxidation in water. <i>Chemical Communications</i> , 2014, 50, 15018-15021.	4.1	20
64	Hydrogen atom abstraction reactions independent of C-H bond dissociation energies of organic substrates in water: significance of oxidant-substrate adduct formation. <i>Chemical Science</i> , 2014, 5, 1429-1436.	7.4	33
65	A Directly Linked Ferrocene-Naphthalenediimide Conjugate: Precise Control of Stacking Structures of π -Systems by Redox Stimuli. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9167-9171.	13.8	87
66	Control of the spatial arrangements of supramolecular networks based on saddle-distorted porphyrins by intermolecular hydrogen bonding. <i>Dalton Transactions</i> , 2013, 42, 16073.	3.3	6
67	A triangular prismatic hexanuclear iridium(III) complex bridged by flavin analogues showing reversible redox processes. <i>Dalton Transactions</i> , 2013, 42, 2773-2778.	3.3	9
68	Formation of a supramolecular assembly between a Na ⁺ -templated G-quartet and a Ni(II)-porphyrin complex. <i>Dalton Transactions</i> , 2013, 42, 3779.	3.3	6
69	Quartet formation of a guanine derivative with an isopropyl group: crystal structures of naked G-quartets and thermodynamics of G-quartet formation. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 758-764.	2.8	11
70	Photocatalytic Oxidation of Organic Compounds in Water by Using Ruthenium(II)-Pyridylamine Complexes as Catalysts with High Efficiency and Selectivity. <i>Chemistry - A European Journal</i> , 2013, 19, 1563-1567.	3.3	49
71	Complete Photochromic Structural Changes in Ruthenium(II)-Diimine Complexes, Based on Control of the Excited States by Metalation. <i>Chemistry - A European Journal</i> , 2013, 19, 8978-8990.	3.3	6
72	Multiply-fused porphyrins-effects of extended π -conjugation on the optical and electrochemical properties. <i>Chemical Communications</i> , 2013, 49, 5939.	4.1	56

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73	Heteronuclear Ru ^{II} Ag ^I Complexes Having a Pyrroloquinolinequinone Derivative as a Bridging Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 2274-2276.	4.0	8
74	Synthesis and Characterization of an Azido-Bridged Dinuclear Ruthenium(II) Polypyridylamine Complex Forming a Mixed-Valence State. <i>Inorganic Chemistry</i> , 2013, 52, 5507-5514.	4.0	14
75	Structures and photoinduced electron transfer of protonated complexes of porphyrins and metallophthalocyanines. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2488-2502.	18.8	91
76	Remarkable enhancement of catalytic activity of a 2:1 complex between a non-planar Mo(v)-porphyrin and a ruthenium-substituted Keggin-type heteropolyoxometalate in catalytic oxidation of benzyl alcohols. <i>Dalton Transactions</i> , 2012, 41, 10006.	3.3	35
77	Mechanistic insight into catalytic oxidations of organic compounds by ruthenium(IV)-oxo complexes with pyridylamine ligands. <i>Chemical Science</i> , 2012, 3, 3421.	7.4	79
78	Proton-Coupled Electron-Transfer Reduction of Dioxygen Catalyzed by a Saddle-Distorted Cobalt Phthalocyanine. <i>Journal of the American Chemical Society</i> , 2012, 134, 4196-4206.	13.7	81
79	Porphyrin nanochannels reinforced by hydrogen bonding. <i>Chemical Communications</i> , 2012, 48, 6481.	4.1	11
80	Regulation of Redox Potential of a Pterin Derivative Bound to a Ruthenium(II) Complex by Intermolecular Hydrogen Bonding with Nucleobases. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4623-4627.	13.8	6
81	Control of electron-transfer reduction by protonation of zinc octabutoxyphtalocyanine assisted by intramolecular hydrogen bonding. <i>Chemical Communications</i> , 2011, 47, 7986.	4.1	32
82	Formation of a Ruthenium(IV)-Oxo Complex by Electron-Transfer Oxidation of a Coordinatively Saturated Ruthenium(II) Complex and Detection of Oxygen-Rebound Intermediates in C-H Bond Oxygenation. <i>Journal of the American Chemical Society</i> , 2011, 133, 11692-11700.	13.7	97
83	Theoretical Study of Oxidation of Cyclohexane Diol to Adipic Anhydride by [RuIV(O)(tpa)(H2O)] ²⁺ Complex (tpa = Tris(2-pyridylmethyl)amine). <i>Inorganic Chemistry</i> , 2011, 50, 6200-6209.	4.0	10
84	Proton-Coupled Electron Shuttling in a Covalently Linked Ruthenium-Copper Heterodinuclear Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 18570-18573.	13.7	20
85	Formation of a Hybrid Compound Composed of a Saddle-Distorted Tin(IV)-Porphyrin and a Keggin-Type Heteropolyoxometalate To Undergo Intramolecular Photoinduced Electron Transfer. <i>Journal of Physical Chemistry A</i> , 2011, 115, 986-997.	2.5	31
86	Photochemical Activation of Ruthenium(II)-Pyridylamine Complexes Having a Pyridine-N-Oxide Pendant toward Oxygenation of Organic Substrates. <i>Journal of the American Chemical Society</i> , 2011, 133, 17901-17911.	13.7	34
87	Enclosure of a Keggin-type heteropolyoxometalate into a tubular π -space via hydrogen bonds with a nonplanar Mo(v)-porphyrin complex forming a supramolecular assembly. <i>Dalton Transactions</i> , 2011, 40, 6445.	3.3	11
88	Cooperative catalysis of a trinuclear ruthenium(II) complex in transfer hydrogenation of ketones by formic acid. <i>Inorganica Chimica Acta</i> , 2011, 374, 104-111.	2.4	6
89	Crystal Structures and Electronic Properties of Saddle-Distorted and Protonated Phthalocyanines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2725-2728.	13.8	45
90	Mechanistic Insights into Photochromic Behavior of a Ruthenium(II)-Pterin Complex. <i>Chemistry - A European Journal</i> , 2011, 17, 6652-6662.	3.3	12

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91	Intermolecular and Intracomplex Photoinduced Electron Transfer from Planar and Nonplanar Metalloporphyrins to <i>p</i> -Quinones. <i>Chemistry - A European Journal</i> , 2011, 17, 12372-12384.	3.3	30
92	Synthesis, structure and physicochemical properties of a saddle-distorted porphyrin with a peripheral carboxyl group. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 421-432.	0.8	3
93	Construction of Sn ^{IV} Porphyrin/Trinuclear Ruthenium Cluster Dyads Linked by Pyridine Carboxylates: Photoinduced Electron Transfer in the Marcus Inverted Region. <i>Chemistry - A European Journal</i> , 2010, 16, 3646-3655.	3.3	37
94	Supramolecular Structures and Photoelectronic Properties of the Inclusion Complex of a Cyclic Free-Base Porphyrin Dimer and C ₆₀ . <i>Chemistry - A European Journal</i> , 2010, 16, 11611-11623.	3.3	79
95	Inside Cover: Construction of Sn ^{IV} Porphyrin/Trinuclear Ruthenium Cluster Dyads Linked by Pyridine Carboxylates: Photoinduced Electron Transfer in the Marcus Inverted Region (<i>Chem. Eur. J.</i> 12/2010). <i>Chemistry - A European Journal</i> , 2010, 16, 3552-3552.	3.3	0
96	A Low-Spin Ruthenium(IV) Oxo Complex: Does the Spin State Have an Impact on the Reactivity?. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8449-8453.	13.8	76
97	Synthesis and Characterization of Ruthenium(II) Pyridylamine Complexes with Catechol Pendants as Metal Binding Sites. <i>Inorganic Chemistry</i> , 2010, 49, 3737-3745.	4.0	13
98	Structure and Photoinduced Electron Transfer Dynamics of a Series of Hydrogen-Bonded Supramolecular Complexes Composed of Electron Donors and a Saddle-Distorted Diprotonated Porphyrin. <i>Journal of the American Chemical Society</i> , 2010, 132, 10155-10163.	13.7	70
99	Formation of a Long-Lived Photoinduced Electron-Transfer State in an Electron Acceptor-Donor-Acceptor Porphyrin Triad Connected by Coordination Bonds. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14290-14299.	3.1	37
100	Crystal Structures and Solution Properties of Discrete Complexes Composed of Saddle-Distorted Molybdenum(V)-Dodecaphenylporphyrins and Keggin-Type Heteropolyoxometalates Linked by Direct Coordination. <i>Inorganic Chemistry</i> , 2010, 49, 11190-11198.	4.0	34
101	Photoinduced electron transfer in supramolecular assemblies involving saddle-distorted porphyrins and phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 14-21.	0.8	17
102	Impact of Distortion of Porphyrins on Axial Coordination in (Porphyrinato)zinc(II) Complexes with Aminopyridines as Axial Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 727-734.	2.0	52
103	Reorganization Energies of Diprotonated and Saddle-Distorted Porphyrins in Photoinduced Electron-Transfer Reduction Controlled by Conformational Distortion. <i>Journal of the American Chemical Society</i> , 2009, 131, 577-584.	13.7	65
104	Anisotropic High Electron Mobility and Photodynamics of a Self-Assembled Porphyrin Nanotube Including C ₆₀ Molecules. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19694-19699.	3.1	49
105	Crystal structures and properties of a monoprotonated porphyrin. <i>Chemical Communications</i> , 2009, , 4994.	4.1	52
106	A tetranuclear iridium(III) complex with a flavin analogue as a bridging ligand in different coordination modes and exchangeable anion encapsulation in a supramolecular cage. <i>Chemical Communications</i> , 2009, , 6643.	4.1	7
107	Proton-Coupled Electron Transfer of Ruthenium(III) Pterin Complexes: A Mechanistic Insight. <i>Journal of the American Chemical Society</i> , 2009, 131, 11615-11624.	13.7	64
108	Charge separation in metallomacrocyclic complexes linked with electron acceptors by axial coordination. <i>Dalton Transactions</i> , 2009, , 3880.	3.3	154

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109	Control of redox reactivity of flavin and pterin coenzymes by metal ion coordination and hydrogen bonding. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 321-333.	2.6	46
110	Ruthenium(II) Pyridylamine Complexes with Diimine Ligands Showing Reversible Photochemical and Thermal Structural Change. <i>Chemistry - A European Journal</i> , 2008, 14, 8904-8915.	3.3	30
111	Ruthenium-Catalyzed Selective and Efficient Oxygenation of Hydrocarbons with Water as an Oxygen Source. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5772-5776.	13.8	133
112	A Discrete Supramolecular Conglomerate Composed of Two Saddle-Distorted Zinc(II)-Phthalocyanine Complexes and a Doubly Protonated Porphyrin with Saddle Distortion Undergoing Efficient Photoinduced Electron Transfer. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6712-6716.	13.8	103
113	Proton Shift upon One-Electron Reduction in Ruthenium(II)-Coordinated Pterins. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9669-9672.	13.8	14
114	Synthesis and Characterization of Novel Ferrocene-Containing Pyridylamine Ligands and Their Ruthenium(II) Complexes: Electronic Communication through Hydrogen-Bonded Amide Linkage. <i>Inorganic Chemistry</i> , 2008, 47, 886-895.	4.0	25
115	Photoconductivity of Porphyrin Nanochannels Composed of Diprotonated Porphyrin Dications with Saddle Distortion and Electron Donors. <i>Chemistry of Materials</i> , 2008, 20, 7492-7500.	6.7	46
116	Formation of dodecaphenylporphodimethene via facile protonation of saddle-distorted dodecaphenylporphyrin. <i>Chemical Communications</i> , 2008, , 6513.	4.1	17
117	Photofunctional nanomaterials composed of multiporphyrins and carbon-based π -electron acceptors. <i>Journal of Materials Chemistry</i> , 2008, 18, 1427.	6.7	306
118	Photochemical and Thermal Isomerization of a Ruthenium(II)-Alloxazine Complex Involving an Unusual Coordination Mode. <i>Journal of the American Chemical Society</i> , 2008, 130, 1556-1557.	13.7	45
119	Proton-Coupled Electron Transfer in Ruthenium(II)-Pterin Complexes: Formation of Ruthenium-Coordinated Pterin Radicals and Their Electronic Structures. <i>Inorganic Chemistry</i> , 2008, 47, 333-343.	4.0	29
120	A discrete conglomerate of a distorted Mo(V)-porphyrin with a directly coordinated keggin-type polyoxometalate. <i>Chemical Communications</i> , 2007, , 3997.	4.1	80
121	Porphyrin Nanotubes Based on Self-Assembly of Mo(V)-Dodecaphenylporphyrin Complexes and Inclusion of Mo-Oxo Clusters: Synthesis and Characterization by X-ray Crystallography and Transmission Electron Microscopy. <i>Chemistry of Materials</i> , 2007, 19, 51-58.	6.7	66
122	Selective Inclusion of Electron-Donating Molecules into Porphyrin Nanochannels Derived from the Self-Assembly of Saddle-Distorted, Protonated Porphyrins and Photoinduced Electron Transfer from Guest Molecules to Porphyrin Dications. <i>Chemistry - A European Journal</i> , 2007, 13, 8714-8725.	3.3	63
123	Synthesis and Characterization of Mononuclear Ruthenium(III) Pyridylamine Complexes and Mechanistic Insights into Their Catalytic Alkane Functionalization with <i>m</i> -Chloroperbenzoic Acid. <i>Chemistry - A European Journal</i> , 2007, 13, 8212-8222.	3.3	40
124	Modulation of Characteristics of a Ruthenium-Coordinated Flavin Analogue That Shows an Unusual Coordination Mode. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 905-908.	13.8	29
125	Photocatalytic Formation of Dimethylepidoptereine from 9,10-Dimethylanthracene via Electron-Transfer Oxidation. <i>Organic Letters</i> , 2006, 8, 6079-6082.	4.6	26
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