Peter C Ford

List of Publications by Year
in descending order

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388	22,691	8755 75	12597 132
papers	citations	h-index	g-index

433	433	433	12923
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalytic conversion of high S-lignin to a sustainable tri-epoxide polymer precursor. Green Chemistry, 2022, 24, 4958-4968.	9.0	8
2	Photoactivated metal complexes for drug delivery. , 2022, , .		0
3	Dinitrosyl Iron Complexes (DNICs). From Spontaneous Assembly to Biological Roles. Inorganic Chemistry, 2021, 60, 15835-15845.	4.0	23
4	Renaissance in NO Chemistry. Inorganic Chemistry, 2021, 60, 15831-15834.	4.0	5
5	Henry Taube. 30 November 1915â€”16 November 2005. Biographical Memoirs of Fellows of the Royal Society, 2021, 70, 409-418.	0.1	0
6	Redox-mediated carbon monoxide release from a manganese carbonylâ€”implications for physiological CO delivery by CO releasing moieties. Royal Society Open Science, 2021, 8, 211022.	2.4	3
7	Hydrogenolysis of Organosolv Lignin in Ethanol/Isopropanol Media without Added Transition-Metal Catalyst. ACS Sustainable Chemistry and Engineering, 2020, 8, 1023-1030.	6.7	55
8	One-pot hydrodeoxygenation (HDO) of lignin monomers to C9 hydrocarbons co-catalysed by Ru/C and Nb₂O₅. Green Chemistry, 2020, 22, 7406-7416.	9.0	33
9	Nitric Oxide Dioxygenation by O₂ Adducts of Manganese Porphyrins. Inorganic Chemistry, 2020, 59, 17224-17233.	4.0	7
10	The solution chemistry of nitric oxide and other reactive nitrogen species. Nitric Oxide - Biology and Chemistry, 2020, 103, 31-46.	2.7	48
11	Optical oxygen sensing by MPA-capped CdTe quantum dots immobilized in mesoporous silica. Microporous and Mesoporous Materials, 2020, 303, 110237.	4.4	3
12	Near-Infrared and Visible Photoactivation to Uncage Carbon Monoxide from an Aqueous-Soluble PhotoCORM. Inorganic Chemistry, 2019, 58, 11066-11075.	4.0	32
13	Thiyl radicals are co-products of dinitrosyl iron complex (DNIC) formation. Chemical Communications, 2019, 55, 9156-9159.	4.1	16
14	Chelating and Bridging Roles of 2-(2-Pyridyl)benzimidazole and Bis(diphenylphosphino)acetylene in Stabilizing a Cyclic Tetranuclear Platinum(II) Complex. Inorganic Chemistry, 2019, 58, 14608-14616.	4.0	3
15	Synthesis, structural characterization, and luminescence properties of mono- and di-nuclear platinum(II) complexes containing 2-(2-pyridyl)-benzimidazole. Inorganica Chimica Acta, 2019, 498, 119133.	2.4	4
16	Dynamics of Dinitrosyl Iron Complex (DNIC) Formation with Low Molecular Weight Thiols. Inorganic Chemistry, 2019, 58, 13446-13456.	4.0	18
17	Nitric Oxide Uncaging from a Hydrophobic Chromium(III) PhotoNORM: Visible and Near-Infrared Photochemistry in Biocompatible Polymer Disks. ACS Omega, 2019, 4, 9181-9187.	3.5	11
18	Six-Coordinate Nitrato Complexes of Iron Porphyrins with Trans S-Donor Ligands. Inorganic Chemistry, 2018, 57, 4795-4798.	4.0	1

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19	Photoactivated in Vitro Anticancer Activity of Rhenium(I) Tricarbonyl Complexes Bearing Water-Soluble Phosphines. Inorganic Chemistry, 2018, 57, 1311-1331.	4.0	121
20	Temperature Tuning the Catalytic Reactivity of Cu-Doped Porous Metal Oxides with Lignin Models. ACS Sustainable Chemistry and Engineering, 2018, 6, 2510-2516.	6.7	36
21	Antimicrobial activity of cis-[Ru(bpy)2(L)(Lâ€²)]+ complexes, where Lâ€¯=â€¯4-(4-chlorobenzoyl)pyridine or 4-(benzoyl)pyridine and Lâ€²â€¯=â€¯Clâ^' or CO. Polyhedron, 2018, 144, 88-94.	2.2	15
22	Nitric oxide release from a photoactive water-soluble ruthenium nitrosyl. BiologicalÂeffects. Journal of Coordination Chemistry, 2018, 71, 1690-1703.	2.2	16
23	Macrophage-mediated delivery of light activated nitric oxide prodrugs with spatial, temporal and concentration control. Chemical Science, 2018, 9, 3729-3741.	7.4	83
24	A Pinch of Salt Improves n-Butanol Selectivity in the Guerbet Condensation of Ethanol over Cu-Doped Mg/Al Oxides. ACS Sustainable Chemistry and Engineering, 2018, 6, 15119-15126.	6.7	21
25	Metal complex strategies for photo-uncaging the small molecule bioregulators nitric oxide and carbon monoxide. Coordination Chemistry Reviews, 2018, 376, 548-564.	18.8	77
26	New emissive mononuclear copper (I) complex: Structural and photophysical characterization focusing on solvatochromism, rigidochromism and oxygen sensing in mesoporous solid matrix. Dyes and Pigments, 2018, 159, 464-470.	3.7	17
27	Analysis of gas chromatography/mass spectrometry data for catalytic lignin depolymerization using positive matrix factorization. Green Chemistry, 2018, 20, 4366-4377.	9.0	4
28	Dinuclear PhotoCORMs: Dioxygen-Assisted Carbon Monoxide Uncaging from Long-Wavelength-Absorbing Metalâ€“Metal-Bonded Carbonyl Complexes. Inorganic Chemistry, 2017, 56, 6094-6104.	4.0	23
29	Photochemical studies of cis -[Ru(bpy) 2 (4-bzpy)(CO)](PF 6) 2 and cis -[Ru(bpy) 2 (4-bzpy)(Cl)](PF 6): Blue light-induced nucleobase binding. Journal of Inorganic Biochemistry, 2017, 173, 144-151.	3.5	16
30	Probing the Lignin Disassembly Pathways with Modified Catalysts Based on Cu-Doped Porous Metal Oxides. ACS Sustainable Chemistry and Engineering, 2017, 5, 3158-3169.	6.7	42
31	Biological Thiols and Carbon Disulfide: The Formation and Decay of Trithiocarbonates under Physiologically Relevant Conditions. ACS Omega, 2017, 2, 6535-6543.	3.5	4
32	Uncaging carbon disulfide. Delivery platforms for potential pharmacological applications: a mechanistic approach. Chemical Science, 2017, 8, 7186-7196.	7.4	10
33	Carbon disulfide. Just toxic or also bioregulatory and/or therapeutic?. Chemical Society Reviews, 2017, 46, 21-39.	38.1	75
34	Optical materials based on copper (I) complexes and CdTe quantum dots loaded in solid matrices. , 2017, , .		1
35	Enhancing Aromatic Production from Reductive Lignin Disassembly: in Situ O-Methylation of Phenolic Intermediates. ACS Sustainable Chemistry and Engineering, 2016, 4, 6877-6886.	6.7	52
36	Six-Coordinate Ferrous Nitrosyl Complex Fe^{II}(TTP)(PMe₃)(NO) (TTP =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	4.0	5

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37	Mapping reactivities of aromatic models with a lignin disassembly catalyst. Steps toward controlling product selectivity. Catalysis Science and Technology, 2016, 6, 2984-2994.	4.1	42
38	From curiosity to applications. A personal perspective on inorganic photochemistry. Chemical Science, 2016, 7, 2964-2986.	7.4	53
39	Catalytic dehydrogenation of 1,2- and 1,3-diols. Journal of Molecular Catalysis A, 2016, 416, 81-87.	4.8	4
40	Near-IR mediated intracellular uncaging of NO from cell targeted hollow gold nanoparticles. Chemical Communications, 2015, 51, 17692-17695.	4.1	36
41	Syntheses and properties of phosphine-substituted ruthenium(<scp>ii</scp>) polypyridine complexes with nitrogen oxides. Dalton Transactions, 2015, 44, 17189-17200.	3.3	17
42	A photoCORM nanocarrier for CO release using NIR light. Chemical Communications, 2015, 51, 2072-2075.	4.1	119
43	Dinitrosyl Iron Complexes with Cysteine. Kinetics Studies of the Formation and Reactions of DNICs in Aqueous Solution. Journal of the American Chemical Society, 2015, 137, 328-336.	13.7	44
44	Photo-Controlled Release of NO and CO with Inorganic and Organometallic Complexes. Structure and Bonding, 2014, , 1-45.	1.0	9
45	Photoreactivity of a Quantum Dotâ€“Ruthenium Nitrosyl Conjugate. Journal of Physical Chemistry A, 2014, 118, 12184-12191.	2.5	26
46	Photocatalytic Carbon Disulfide Production via Charge Transfer Quenching of Quantum Dots. Journal of the American Chemical Society, 2014, 136, 2192-2195.	13.7	43
47	New Zn(II) complexes with N2S2 Schiff base ligands. Experimental and theoretical studies of the role of Zn(II) in disulfide thiolate-exchange. Polyhedron, 2014, 71, 1-7.	2.2	20
48	Catalytic Conversion of Nonfood Woody Biomass Solids to Organic Liquids. Accounts of Chemical Research, 2014, 47, 1503-1512.	15.6	307
49	Reaction of a Bridged Frustrated Lewis Pair with Nitric Oxide: A Kinetics Study. Journal of the American Chemical Society, 2014, 136, 513-519.	13.7	73
50	Photochemical delivery of nitric oxide. Nitric Oxide - Biology and Chemistry, 2013, 34, 56-64.	2.7	147
51	Nitric Oxide Releasing Materials Triggered by Near-Infrared Excitation Through Tissue Filters. Journal of the American Chemical Society, 2013, 135, 18145-18152.	13.7	124
52	Tracking Reactive Intermediates by FTIR Monitoring of Reactions in Low-Temperature Sublimed Solids: Nitric Oxide Disproportionation Mediated by Ruthenium(II) Carbonyl Porphyrin Ru(TPP)(CO). Inorganic Chemistry, 2013, 52, 5201-5205.	4.0	11
53	Nitrite Reduction Mediated by Heme Models. Routes to NO and HNO?. Journal of the American Chemical Society, 2013, 135, 4007-4017.	13.7	78
54	Mechanisms of Nitric Oxide Reactions Mediated by Biologically Relevant Metal Centers. Structure and Bonding, 2013, , 99-135.	1.0	13

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55	Multi-photon excitation in uncaging the small molecule bioregulator nitric oxide. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120129.	3.4	26
56	A robust one-pot synthesis of benzothiazoles from carboxylic acids including examples with hydroxyl and amino substituents. Tetrahedron Letters, 2012, 53, 6950-6953.	1.4	25
57	Liposome Encapsulation of a Photochemical NO Precursor for Controlled Nitric Oxide Release and Simultaneous Fluorescence Imaging. Molecular Pharmaceutics, 2012, 9, 2950-2955.	4.6	45
58	A Luminescent and Biocompatible PhotoCORM. Journal of the American Chemical Society, 2012, 134, 18197-18200.	13.7	193
59	Convenient, Efficient Synthesis of Amide-Thioethers in Ionic Liquids. Synthetic Communications, 2012, 42, 246-250.	2.1	11
60	One-pot reduction of 5-hydroxymethylfurfural via hydrogen transfer from supercritical methanol. Green Chemistry, 2012, 14, 2457.	9.0	164
61	Quantum dot photosensitizers. Interactions with transition metal centers. Dalton Transactions, 2012, 41, 13030.	3.3	19
62	Photochemically activated carbon monoxide release for biological targets. Toward developing air-stable photoCORMs labilized by visible light. Coordination Chemistry Reviews, 2012, 256, 1509-1519.	18.8	192
63	Nitrosyl isomerism in amorphous Mn(TPP)(NO) solids. Chemical Communications, 2012, 48, 12088.	4.1	18
64	Lanthanide Modification of CdSe/ZnS Core/Shell Quantum Dots. Journal of Physical Chemistry C, 2012, 116, 23713-23720.	3.1	25
65	NIRâ€Triggered Release of Caged Nitric Oxide using Upconverting Nanostructured Materials. Small, 2012, 8, 3800-3805.	10.0	168
66	Quantum Dot Photoluminescence Quenching by Cr(III) Complexes. Photosensitized Reactions and Evidence for a FRET Mechanism. Journal of the American Chemical Society, 2012, 134, 13266-13275.	13.7	51
67	Nitrite reduction by CoII and MnII substituted myoglobins. Journal of Inorganic Biochemistry, 2012, 107, 47-53.	3.5	32
68	Photochemistry of trans-Cr(cyclam)(ONO)₂⁺, a Nitric Oxide Precursor. Inorganic Chemistry, 2011, 50, 4453-4462.	4.0	33
69	One-Pot Catalytic Conversion of Cellulose and of Woody Biomass Solids to Liquid Fuels. Journal of the American Chemical Society, 2011, 133, 14090-14097.	13.7	316
70	Flash and Continuous Photolysis Kinetic Studies of the Ironâ€“Iron Hydrogenase Model (Î¼-pdt)[Fe(CO)₃]₂ in Different Solvents. Inorganic Chemistry, 2011, 50, 11850-11852.	4.0	24
71	Ruthenium-nitrite complex as pro-drug releases NO in a tissue and enzyme-dependent way. Nitric Oxide - Biology and Chemistry, 2011, 24, 192-198.	2.7	48
72	Mononuclear copper(I) complexes of O-t-butyl-1,1-dithiooxalate and of O-t-butyl-1-perthio-1-thiooxalate. Inorganica Chimica Acta, 2011, 374, 261-268.	2.4	10

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73	Metal centered ligand field excited states: Their roles in the design and performance of transition metal based photochemical molecular devices. Coordination Chemistry Reviews, 2011, 255, 591-616.	18.8	256
74	{N,Nâ€²-[2,2â€²-(Ethane-1,2-diyldisulfanediyl)di-o-phenylene]bis(quinoline-2-carboxamidato)}copper(II). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m820-m821.	0.2	0
75	Mechanistic studies of nitrite reactions with metalloproteins and models relevant to mammalian physiology. Coordination Chemistry Reviews, 2010, 254, 235-247.	18.8	67
76	Catalytic disassembly of an organosolv lignin via hydrogen transfer from supercritical methanol. Green Chemistry, 2010, 12, 1640.	9.0	306
77	Reactions of NO and Nitrite with Heme Models and Proteins. Inorganic Chemistry, 2010, 49, 6226-6239.	4.0	121
78	A Photochemical Precursor for Carbon Monoxide Release in Aerated Aqueous Media. Inorganic Chemistry, 2010, 49, 1180-1185.	4.0	152
79	Nitric Oxide Photogeneration from trans-Cr(cyclam)(ONO)₂⁺ in a Reducing Environment. Activation of Soluble Guanylyl Cyclase and Arterial Vasorelaxation. Journal of Medicinal Chemistry, 2010, 53, 715-722.	6.4	39
80	Formation of Cysteine Sulfenic Acid by Oxygen Atom Transfer from Nitrite. Journal of the American Chemical Society, 2010, 132, 9240-9243.	13.7	42
81	Hexacoordinate oxy-globin models Fe(Por)(NH3)(O2) react with NO to form only the nitrato analogs Fe(Por)(NH3)(Î·1-ONO2), even at âˆ¼100 K. Chemical Communications, 2010, 46, 8570.	4.1	43
82	Photochemical cleavage of nitrate ion coordinated to a Cr(III) porphyrin. Journal of Coordination Chemistry, 2010, 63, 2743-2749.	2.2	9
83	Hydrogen Transfer from Supercritical Methanol over a Solid Base Catalyst: A Model for Lignin Depolymerization. ChemSusChem, 2009, 2, 215-217.	6.8	138
84	Synthesis of a nitro complex of RuIII(salen): Unexpected aromatic ring nitration by a nitrite salt. Journal of Inorganic Biochemistry, 2009, 103, 237-242.	3.5	15
85	Markedly Improved CO₂ Capture Efficiency and Stability of Gallium Substituted Hydrotalcites at Elevated Temperatures. Chemistry of Materials, 2009, 21, 3473-3475.	6.7	78
86	The Distal Pocket Histidine Residue in Horse Heart Myoglobin Directs the O-Binding Mode of Nitrite to the Heme Iron. Journal of the American Chemical Society, 2009, 131, 18119-18128.	13.7	88
87	Flash and Continuous Photolysis Studies of the Thionitrosyl Complex Cr(CH3CN)5(NS)2+ and the Nitric Oxide Analogs: Reactions of Nitrogen Monosulfide in Solution. Inorganic Chemistry, 2009, 48, 231-238.	4.0	15
88	Six-Coordinate Nitro Complexes of Iron(III) Porphyrins with trans S-Donor Ligands. Oxo-Transfer Reactivity in the Solid State. Inorganic Chemistry, 2009, 48, 11236-11241.	4.0	27
89	Metal complexes as photochemical nitric oxide precursors: Potential applications in the treatment of tumors. Dalton Transactions, 2009, , 10660.	3.3	165
90	Reaction of the Five-Coordinate O-Nitrito Complex Fe(Por)(ONO) (Por = meso-tetra-arylporphyrinato) with THF Gives Two Six-Coordinate Isomers. Australian Journal of Chemistry, 2009, 62, 1226.	0.9	9

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91	FTIR and optical spectroscopic studies of the reactions of heme models with nitric oxide and other NOx in porous layered solids. Coordination Chemistry Reviews, 2008, 252, 1486-1496.	18.8	39
92	Transesterification Catalysts from Iron Doped Hydrotalcite-like Precursors: Solid Bases for Biodiesel Production. Catalysis Letters, 2008, 122, 205-209.	2.6	92
93	Further kinetics studies of intermediates formed by flash photolysis of Mo(CO)6. Inorganica Chimica Acta, 2008, 361, 3084-3088.	2.4	5
94	Design of a highly specific and noninvasive biosensor suitable for realâ€time in vivo imaging of mercury (II) uptake. Protein Science, 2008, 17, 614-622.	7.6	35
95	Polychromophoric Metal Complexes for Generating the Bioregulatory Agent Nitric Oxide by Single- and Two-Photon Excitation. Accounts of Chemical Research, 2008, 41, 190-200.	15.6	209
96	NO and NOx Interactions with Hemes. , 2008, , 66-91.		0
97	The inducing NO-vasodilation by chemical reduction of coordinated nitrite ion in cis-[Ru(NO2)L(bpy)2]+ complex. Dalton Transactions, 2008, , 4282.	3.3	26
98	Six-Coordinate Nitrato Complexes of Iron(III) Porphyrins. Inorganic Chemistry, 2008, 47, 787-789.	4.0	15
99	Oxygen Atom Transfer from Nitrite Mediated by Fe(III) Porphyrins in Aqueous Solution. Journal of the American Chemical Society, 2008, 130, 13830-13831.	13.7	39
100	Quantum Dot Fluorescence Quenching Pathways with Cr(III) Complexes. Photosensitized NO Production from trans-Cr(cyclam)(ONO)₂⁺. Journal of the American Chemical Society, 2008, 130, 168-175.	13.7	92
101	Tissue Processing of Nitrite in Hypoxia. Journal of Biological Chemistry, 2008, 283, 33927-33934.	3.4	193
102	Mechanistic Aspects of the Photosubstitution and Photoisomerization Reactions ofd6Metal Complexes. Progress in Inorganic Chemistry, 2007, , 213-271.	3.0	51
103	Generation of reactive oxygen species by photolysis of the ruthenium(ii) complex Ru(NH3)5(pyrazine)2+ in oxygenated solution. Photochemical and Photobiological Sciences, 2007, 6, 515.	2.9	7
104	Photosensitized NO Release from Water-Soluble Nanoparticle Assemblies. Journal of the American Chemical Society, 2007, 129, 4146-4147.	13.7	62
105	Reactions of Nitrogen Oxides with the Five-Coordinate FeIII(porphyrin) Nitrito Intermediate Fe(Por)(ONO) in Sublimed Solids. Journal of the American Chemical Society, 2007, 129, 3576-3585.	13.7	37
106	Interaction of Nitrogen Bases with Ironâ€'Porphyrin Nitrito Complexes Fe(Por)(ONO) in Sublimed Solids. Inorganic Chemistry, 2007, 46, 7024-7031.	4.0	29
107	Single- and Two-Photon Properties of a Dye-Derivatized Roussin's Red Salt Ester (Fe2(Î¼-RS)2(NO)4) with a Large TPA Cross Section. Inorganic Chemistry, 2007, 46, 395-402.	4.0	63
108	Amine Nitrosation via NO Reduction of the Polyamine Copper(II) Complex Cu(DAC)²⁺. Inorganic Chemistry, 2007, 46, 9323-9331.	4.0	41

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109	Photoinduced Electron Transfer between the Cationic Complexes Ru(NH3)5pz2+andtrans-RuCl([15]aneN4)NO2+Mediated by Phosphate Ion:Â Visible Light Generation of Nitric Oxide for Biological Targetsâ€. Journal of Physical Chemistry B, 2007, 111, 6962-6968.	2.6	26
110	Metal-Dependent Reactivity Differences for Transients Formed By Flash Photolysis of (PNP)M(CO), M = Co and Rh. Journal of the American Chemical Society, 2007, 129, 15430-15431.	13.7	8
111	Pressure-Tuning Photochemistry of Metal Complexes in Solution. Advances in Photochemistry, 2007, , 61-146.	0.4	6
112	Time-resolved infrared study of reactive species produced by flash photolysis of the hydroformylation catalyst precursor Co2(CO)6(PMePh2)2. Inorganica Chimica Acta, 2007, 360, 825-836.	2.4	7
113	Thermal and photochemical reactivity of Os(HNO)(CO)Cl2(PPh3)2: Evidence for photochemical HNO generation. Polyhedron, 2007, 26, 4638-4644.	2.2	5
114	In Situ FT-IR and UVâ^'vis Spectroscopy of the Low-Temperature NO Disproportionation Mediated by Solid State Manganese(II) Porphyrinates. Inorganic Chemistry, 2006, 45, 4079-4087.	4.0	34
115	Henry Taube:â€‰ Inorganic Chemist Extraordinaire. Inorganic Chemistry, 2006, 45, 7059-7068.	4.0	17
116	Photochemical and Time Resolved Spectroscopic Studies of Intermediates Relevant to Iridium-Catalyzed Methanol Carbonylation:Â Photoinduced CO Migratory Insertion. Inorganic Chemistry, 2006, 45, 1861-1870.	4.0	19
117	Alkane Bromination Revisited:â€‰ â€œReproportionationâ€•in Gas-Phase Methane Bromination Leads to Higher Selectivity for CH3Br at Moderate Temperatures. Journal of Physical Chemistry A, 2006, 110, 8695-8700.	2.5	39
118	Electronic Transitions Involved in the Absorption Spectrum and Dual Luminescence of Tetranuclear Cubane [Cu4I4(pyridine)4] Cluster:Â a Density Functional Theory/Time-Dependent Density Functional Theory Investigation. Inorganic Chemistry, 2006, 45, 10576-10584.	4.0	218
119	A Two-Photon Antenna for Photochemical Delivery of Nitric Oxide from a Water-Soluble, Dye-Derivatized Iron Nitrosyl Complex Using NIR Light. Journal of the American Chemical Society, 2006, 128, 3831-3837.	13.7	116
120	Substituent Effects on Nitrosyl Iron Corrole Complexes Fe(Ar3C)(NO). Inorganic Chemistry, 2006, 45, 2075-2082.	4.0	28
121	Toward Development of Water Soluble Dye Derivatized Nitrosyl Compounds for Photochemical Delivery of NO. Inorganic Chemistry, 2006, 45, 1192-1200.	4.0	54
122	Reactions of Nitrogen Oxides with Heme Models: Spectral Characterization of an Elusive Five-Coordinate FeIII(porphyrin) Nitrito Intermediate. Angewandte Chemie - International Edition, 2006, 45, 492-496.	13.8	36
123	Probing Shapes of Bichromophoric Metalâ^'Organic Complexes Using Ion Mobility Mass Spectrometry. Journal of the American Chemical Society, 2005, 127, 18222-18228.	13.7	23
124	NO and NO interactions with group 8 metalloporphyrins. Journal of Inorganic Biochemistry, 2005, 99, 151-165.	3.5	86
125	Bromine mediated partial oxidation of ethane over nanostructured zirconia supported metal oxide/bromide. Microporous and Mesoporous Materials, 2005, 79, 205-214.	4.4	12
126	Reaction mechanisms relevant to the formation of iron and ruthenium nitric oxide complexes. Coordination Chemistry Reviews, 2005, 249, 391-403.	18.8	77

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127	Celebration of inorganic lives: interview with Henry Taube. Coordination Chemistry Reviews, 2005, 249, 275-279.	18.8	6
128	Inorganic reaction mechanisms: an issue in honor of Henry Taube. Coordination Chemistry Reviews, 2005, 249, 273.	18.8	1
129	Photochemical reactions leading to NO and NOx generation. Coordination Chemistry Reviews, 2005, 249, 1382-1395.	18.8	73
130	Mechanisms of Reductive Nitrosylation in Iron and Copper Models Relevant to Biological Systems.. ChemInform, 2005, 36, no.	0.0	0
131	The Remarkable Axial Lability of Iron(III) Corrole Complexes. Journal of the American Chemical Society, 2005, 127, 6737-6743.	13.7	38
132	The Preparation of Anaerobic Nitric Oxide Solutions for the Study of Heme Model Systems in Aqueous and Nonaqueous Media: Some Consequences of NOx Impurities. Methods in Enzymology, 2005, 396, 3-17.	1.0	37
133	A cyclic tetra-nuclear dinitrosyl iron complex [Fe(NO)2(imidazolate)]4: synthesis, structure and stability. Chemical Communications, 2005, , 477.	4.1	31
134	Photochemical release of nitric oxide from a regenerable, sol-gel encapsulated Ruâ€“salenâ€“nitrosyl complex. Chemical Communications, 2005, , 4169.	4.1	37
135	Chromium(III) Complexes for Photochemical Nitric Oxide Generation from Coordinated Nitrite:Â Synthesis and Photochemistry of Macrocyclic Complexes with Pendant Chromophores,trans-[Cr(L)(ONO)2]BF4. Inorganic Chemistry, 2005, 44, 4157-4165.	4.0	71
136	Reactions of Nitrogen Oxides with Heme Models. Spectral and Kinetic Study of Nitric Oxide Reactions with Solid and Solute FeIII(TPP)(NO3). Journal of the American Chemical Society, 2005, 127, 6216-6224.	13.7	19
137	Synthesis and Luminescence Properties of Cr(III) Complexes with Cyclam-Type Ligands Having Pendant Chromophores,trans-[Cr(L)Cl2]Cl1. Inorganic Chemistry, 2005, 44, 4166-4174.	4.0	32
138	New Structural Motifs, Unusual Quenching of the Emission, and Second Harmonic Generation of Copper(I) Iodide Polymeric or Oligomeric Adducts with Para-Substituted Pyridines or trans-Stilbazoles. Inorganic Chemistry, 2005, 44, 4077-4085.	4.0	119
139	Further evidence supporting an inner sphere mechanism in the NO reduction of the copper(II) complex Cu(dmp)22+ (dmp=2,9-dimethyl-1,10-phenanthroline). Nitric Oxide - Biology and Chemistry, 2005, 12, 244-251.	2.7	14
140	Mechanisms of Reductive Nitrosylation in Iron and Copper Models Relevant to Biological Systems. Chemical Reviews, 2005, 105, 2439-2456.	47.7	162
141	A novel integrated process for the functionalization of methane and ethane: bromine as mediator. Catalysis Today, 2004, 98, 317-322.	4.4	36
142	Photochemical reactions of trans-[Ru(NH3)4L(NO)]3+ complexes. Inorganica Chimica Acta, 2004, 357, 1381-1388.	2.4	69
143	Activation parameters in flash photolysis studies of Mo(CO)6. Inorganica Chimica Acta, 2004, 357, 143-148.	2.4	8
144	C1 oxidative coupling via bromine activation and tandem catalytic condensation and neutralization over CaO/zeolite composites. Catalysis Today, 2004, 98, 589-594.	4.4	4

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145	A general integrated process for synthesizing olefin oxides. Chemical Communications, 2004, , 2100.	4.1	4
146	C1 Coupling via bromine activation and tandem catalytic condensation and neutralization over CaO/zeolite compositesElectronic supplementary information (ESI) available: additional figures. See http://www.rsc.org/suppdata/cc/b3/b314118g/. Chemical Communications, 2004, , 566.	4.1	45
147	Intramolecular Reductive Nitrosylation:Â Reaction of Nitric Oxide and a Copper(II) Complex of a Cyclam Derivative with Pendant Luminescent Chromophores. Journal of the American Chemical Society, 2004, 126, 6564-6565.	13.7	109
148	Photochemical Production of Nitric Oxide via Two-Photon Excitation with NIR Light. Journal of the American Chemical Society, 2004, 126, 13566-13567.	13.7	85
149	Synthesis and Photochemical Properties of a Novel Ironâ^'Sulfurâ^'Nitrosyl Cluster Derivatized with the Pendant Chromophore Protoporphyrin IX1. Inorganic Chemistry, 2004, 43, 5543-5549.	4.0	50
150	Mechanisms of Ferriheme Reduction by Nitric Oxide:â€‰ Nitrite and General Base Catalysis1. Inorganic Chemistry, 2004, 43, 5393-5402.	4.0	79
151	Low temperature NO disproportionation by Mn porphyrin. Spectroscopic characterization of the unstable nitrosyl nitrito complex MnIII(TPP)(NO)(ONO). Chemical Communications, 2004, , 1488.	4.1	36
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