T-C Lau

List of Publications by Year in descending order

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234 papers	9,529 citations	30070 54 h-index	58581 82 g-index
255 all docs	255 docs citations	255 times ranked	8812 citing authors

#	Article	IF	Citations
1	Acetate and electricity generation from methane in conductive fiber membrane- microbial fuel cells. Science of the Total Environment, 2022, 804, 150147.	8.0	8
2	Highly Efficient Photocatalytic Reduction of CO₂ to CO by In Situ Formation of a Hybrid Catalytic System Based on Molecular Iron Quaterpyridine Covalently Linked to Carbon Nitride. Angewandte Chemie - International Edition, 2022, 61, .	13.8	43
3	Highly Efficient Photocatalytic Reduction of CO₂ to CO by In Situ Formation of a Hybrid Catalytic System Based on Molecular Iron Quaterpyridine Covalently Linked to Carbon Nitride. Angewandte Chemie, 2022, 134, .	2.0	6
4	Facile Câ€“N bond cleavage of primary aliphatic amines by (salen)ruthenium(<scp>vi</scp>) nitrido complexes. Dalton Transactions, 2022, 51, 5404-5408.	3.3	4
5	Elucidation of the key role of PtÂ·Â·Â·Pt interactions in the directional self-assembly of platinum(II) complexes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116543119.	7.1	26
6	Structure and Reactivity of One- and Two-Electron Oxidized Manganese(V) Nitrido Complexes Bearing a Bulky Corrole Ligand. Journal of the American Chemical Society, 2022, 144, 7588-7593.	13.7	11
7	Oxidation of Hypophosphorous Acid by a Ruthenium(VI) Nitrido Complex in Aqueous Acidic Solution. Evidence for a Proton-Coupled N-Atom Transfer Mechanism. Inorganic Chemistry, 2022, 61, 10567-10574.	4.0	0
8	Dependence of arsenic resistance and reduction capacity of Aeromonas hydrophila on carbon substrate. Journal of Hazardous Materials, 2021, 403, 123611.	12.4	19
9	Slow magnetic relaxation in structurally similar mononuclear 8-coordinate Fe(<scp>ii</scp>) and Fe(<scp>iii</scp>) compounds. Chemical Communications, 2021, 57, 781-784.	4.1	8
10	Cooperative activating effects of metal ion and BrÃ¸nsted acid on a metal oxo species. Chemical Science, 2021, 12, 632-638.	7.4	6
11	Hydrogen atom transfer in the oxidation of alkylbenzenesulfonates by ferrate(vi) in aqueous solutions. Dalton Transactions, 2021, 50, 715-721.	3.3	1
12	Ru single atoms and nanoclusters on highly porous N-doped carbon as a hydrogen evolution catalyst in alkaline solutions with ultrahigh mass activity and turnover frequency. Journal of Materials Chemistry A, 2021, 9, 12196-12202.	10.3	28
13	Catalytic water oxidation by an in situ generated ruthenium nitrosyl complex bearing a bipyridine-bis(alkoxide) ligand. Dalton Transactions, 2021, 50, 12316-12323.	3.3	6
14	Hybridization of Molecular and Graphene Materials for CO₂ Photocatalytic Reduction with Selectivity Control. Journal of the American Chemical Society, 2021, 143, 8414-8425.	13.7	64
15	Electrocatalytic and Photocatalytic Reduction of Carbon Dioxide by Earthâ€Abundant Bimetallic Molecular Catalysts. ChemPhysChem, 2021, 22, 1835-1843.	2.1	21
16	Cr(V)â€“Cr(III) in-situ transition promotes ROS generation to achieve efficient cancer therapy. Biomaterials, 2021, 276, 120991.	11.4	18
17	Room Temperature Aerobic Peroxidation of Organic Substrates Catalyzed by Cobalt(III) Alkylperoxo Complexes. Journal of the American Chemical Society, 2021, 143, 14445-14450.	13.7	10
18	Structure and Reactivity of a Manganese(VI) Nitrido Complex Bearing a Tetraamido Macrocyclic Ligand. Journal of the American Chemical Society, 2021, 143, 15863-15872.	13.7	11

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19	Visible light-induced oxidative N-dealkylation of alkylamines by a luminescent osmium(<scp>vi</scp>) nitrido complex. Chemical Science, 2021, 12, 14494-14498.	7.4	12
20	Slow magnetic relaxation in high-coordinate Co(<scp>ii</scp>) and Fe(<scp>ii</scp>) compounds bearing neutral tetradentate ligands. Dalton Transactions, 2021, 50, 15327-15335.	3.3	8
21	Organic Photosensitizers for Catalytic Solar Fuel Generation. Energy & Fuels, 2021, 35, 18888-18899.	5.1	30
22	Roles of Co Dopants in Electrocatalytic Hydrogen Evolution by N-Rich Carbon Nanotubes Grafted on Carbon Layers. ACS Applied Nano Materials, 2021, 4, 11830-11840.	5.0	4
23	High-rate anaerobic decolorization of methyl orange from synthetic azo dye wastewater in a methane-based hollow fiber membrane bioreactor. Journal of Hazardous Materials, 2020, 388, 121753.	12.4	44
24	Molecular quaterpyridine-based metal complexes for small molecule activation: water splitting and CO₂ reduction. Chemical Society Reviews, 2020, 49, 7271-7283.	38.1	57
25	pH universal Ru@N-doped carbon catalyst for efficient and fast hydrogen evolution. Catalysis Science and Technology, 2020, 10, 4405-4411.	4.1	32
26	Tunable Luminescent Properties of Tricyanoosmium Nitrido Complexes Bearing a Chelating O^N Ligand. Inorganic Chemistry, 2020, 59, 4406-4413.	4.0	16
27	Efficient Visible-Light-Driven CO₂ Reduction by a Cobalt Molecular Catalyst Covalently Linked to Mesoporous Carbon Nitride. Journal of the American Chemical Society, 2020, 142, 6188-6195.	13.7	199
28	A Photocaged, Water-Oxidizing, and Nucleolus-Targeted Pt(IV) Complex with a Distinct Anticancer Mechanism. Journal of the American Chemical Society, 2020, 142, 7803-7812.	13.7	144
29	Efficient pollutant degradation via non-radical dominated pathway by self-regenerative Ru(bpy)32+/peroxydisulfate under visible light. Chemical Engineering Journal, 2020, 400, 125993.	12.7	7
30	A highly active and robust iron quinquepyridine complex for photocatalytic CO₂ reduction in aqueous acetonitrile solution. Chemical Communications, 2020, 56, 6249-6252.	4.1	21
31	Field-induced slow magnetic relaxation in low-spin S = 1/2 mononuclear osmium(<scp>v</scp>) complexes. Dalton Transactions, 2020, 49, 4084-4092.	3.3	16
32	Selectivity control of CO versus HCOOâ˜ production in the visible-light-driven catalytic reduction of CO2 with two cooperative metal sites. Nature Catalysis, 2019, 2, 801-808.	34.4	153
33	An Iron Quaterpyridine Complex as Precursor for the Electrocatalytic Reduction of CO₂ to Methane. ChemSusChem, 2019, 12, 4500-4505.	6.8	23
34	Generation and Reactivity of a Oneâ€Electronâ€Oxidized Manganese(V) Imido Complex with a Tetraamido Macrocyclic Ligand. Chemistry - A European Journal, 2019, 25, 12895-12899.	3.3	15
35	Humic substances as electron acceptors for anaerobic oxidation of methane driven by ANME-2d. Water Research, 2019, 164, 114935.	11.3	95
36	Synthesis and reactivity of an osmium(iii) aminoguanidine complex. Dalton Transactions, 2019, 48, 11404-11410.	3.3	12

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37	Activation of Metal Oxo and Nitrido Complexes by Lewis Acids. Journal of the American Chemical Society, 2019, 141, 3755-3766.	13.7	69
38	Microbial selenite reduction coupled to anaerobic oxidation of methane. Science of the Total Environment, 2019, 669, 168-174.	8.0	22
39	Syntheses, crystal structures and magnetic properties of a series of luminescent lanthanide complexes containing neutral tetradentate phenanthroline-amide ligands. Inorganic Chemistry Frontiers, 2019, 6, 1442-1452.	6.0	20
40	Photochemical nitrogenation of alkanes and arenes by a strongly luminescent osmium(VI) nitrido complex. Communications Chemistry, 2019, 2, .	4.5	26
41	A molecular noble metal-free system for efficient visible light-driven reduction of CO₂ to CO. Dalton Transactions, 2019, 48, 9596-9602.	3.3	37
42	Molecular Electrochemical Catalysis of the CO₂-to-CO Conversion with a Co Complex: A Cyclic Voltammetry Mechanistic Investigation. Organometallics, 2019, 38, 1280-1285.	2.3	24
43	A Hybrid Co Quaterpyridine Complex/Carbon Nanotube Catalytic Material for CO₂ Reduction in Water. Angewandte Chemie - International Edition, 2018, 57, 7769-7773.	13.8	101
44	Efficient adsorption, removal and recovery of phosphate and nitrate from water by a novel lanthanum(<scp>iii</scp>)-Dowex M4195 polymeric ligand exchanger. Environmental Science: Water Research and Technology, 2018, 4, 421-427.	2.4	22
45	Reduction of RuVIâ‰¡N to RuIIIâ€”NH3 by Cysteine in Aqueous Solution. Inorganic Chemistry, 2018, 57, 5850-5858.	4.0	2
46	Highly Selective Molecular Catalysts for the CO₂-to-CO Electrochemical Conversion at Very Low Overpotential. Contrasting Fe vs Co Quaterpyridine Complexes upon Mechanistic Studies. ACS Catalysis, 2018, 8, 3411-3417.	11.2	141
47	Investigation of Cr(VI) reduction potential and mechanism by Caldicellulosiruptor saccharolyticus under glucose fermentation condition. Journal of Hazardous Materials, 2018, 344, 585-592.	12.4	46
48	Intermediates in the Oxidative Degradation of a Rutheniumâ€Bound 2,2â€²â€Bipyridylâ€“Phenoxy Ligand during Catalytic Water Oxidation. ChemCatChem, 2018, 10, 501-504.	3.7	20
49	A hydrogen-atom transfer mechanism in the oxidation of alcohols by [FeO₄]^{2â^'} in aqueous solution. Dalton Transactions, 2018, 47, 240-245.	3.3	8
50	Efficient photocatalytic water reduction by a cobalt(<scp>ii</scp>) tripodal iminopyridine complex. Catalysis Science and Technology, 2018, 8, 307-313.	4.1	11
51	Mechanism of Water Oxidation by Ferrate(VI) at pHâ€…7â€“9. Chemistry - A European Journal, 2018, 24, 18735-18742.	3.3	23
52	Differences in metal profiles revealed by native mussels and artificial mussels in SarÄ±Ã§ay Stream, Turkey: implications for pollution monitoring. Marine and Freshwater Research, 2018, 69, 1372.	1.3	11
53	A Hybrid Co Quaterpyridine Complex/Carbon Nanotube Catalytic Material for CO₂ Reduction in Water. Angewandte Chemie, 2018, 130, 7895-7899.	2.0	24
54	A comparative study on metal contamination in Estero de Urias lagoon, Gulf of California, using oysters, mussels and artificial mussels: Implications on pollution monitoring and public health risk. Environmental Pollution, 2018, 243, 197-205.	7.5	24

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55	A Carbon Nitride/Fe Quaterpyridine Catalytic System for Photostimulated CO₂-to-CO Conversion with Visible Light. Journal of the American Chemical Society, 2018, 140, 7437-7440.	13.7	160
56	Dual Pathways in the Oxidation of an Osmium(III) Guanidine Complex. Formation of Osmium(VI) Nitrido and Osmium Nitrosyl Complex. Inorganic Chemistry, 2017, 56, 2022-2028.	4.0	15
57	Enhancing Extracellular Electron Transfer of Shewanella oneidensis MR-1 through Coupling Improved Flavin Synthesis and Metal-Reducing Conduit for Pollutant Degradation. Environmental Science & Technology, 2017, 51, 5082-5089.	10.0	141
58	Slow magnetic relaxation in a mononuclear 8-coordinate Fe(<scp>ii</scp>) complex. Chemical Communications, 2017, 53, 1474-1477.	4.1	36
59	Proton-Coupled O-Atom Transfer in the Oxidation of HSO₃^{â€“} by the Ruthenium Oxo Complex trans-[Ru^{VI}(TMC)(O)₂]²⁺ (TMC =) Tj ETQq1 1 0.784314 rgBT /Overlock 10	14	3
60	Photocatalytic Conversion of CO₂ to CO by a Copper(II) Quaterpyridine Complex. ChemSusChem, 2017, 10, 4009-4013.	6.8	74
61	Highly Selective and Efficient Ring Hydroxylation of Alkylbenzenes with Hydrogen Peroxide and an Osmium(VI) Nitrido Catalyst. Angewandte Chemie, 2017, 129, 12428-12431.	2.0	0
62	Highly Selective and Efficient Ring Hydroxylation of Alkylbenzenes with Hydrogen Peroxide and an Osmium(VI) Nitrido Catalyst. Angewandte Chemie - International Edition, 2017, 56, 12260-12263.	13.8	21
63	Cytotoxic (salen)ruthenium(<scp>iii</scp>) anticancer complexes exhibit different modes of cell death directed by axial ligands. Chemical Science, 2017, 8, 6865-6870.	7.4	46
64	Kinetics and Mechanism of the Reaction of a Ruthenium(VI) Nitrido Complex with HSO₃^{â^’} and SO₃^{2â^’} in Aqueous Solution. Chemistry - A European Journal, 2016, 22, 10754-10758.	3.3	4
65	Ca²⁺â€Induced Oxygen Generation by FeO₄^{2â^’} at pHâ€...9â€“10. Angewandte Chemie, 2016, 128, 3064-3068.	2.0	7
66	Ca²⁺â€Induced Oxygen Generation by FeO₄^{2â^’} at pHâ€...9â€“10. Angewandte Chemie - International Edition, 2016, 55, 3012-3016.	13.8	35
67	Frontispiece: Ca²⁺â€Induced Oxygen Generation by FeO₄^{2â^’} at pHâ€...9â€“10. Angewandte Chemie - International Edition, 2016, 55, .	13.8	1
68	A Highly Reactive Sevenâ€Coordinate Osmium(V) Oxo Complex: [Os^V(O)(qpy)(pic)Cl]²⁺. Angewandte Chemie - International Edition, 2016, 55, 288-291.	13.8	21
69	Frontispiz: Ca²⁺â€Induced Oxygen Generation by FeO₄^{2â^’} at pHâ€...9â€“10. Angewandte Chemie, 2016, 128, .	2.0	0
70	Aerobic Oxidation of an Osmium(III) N-Hydroxyguanidine Complex To Give Nitric Oxide. Inorganic Chemistry, 2016, 55, 5056-5061.	4.0	14
71	Four-Electron Oxidation of Phenols to p-Benzoquinone Imines by a (Salen)ruthenium(VI) Nitrido Complex. Journal of the American Chemical Society, 2016, 138, 5817-5820.	13.7	25
72	A novel approach for estimating the removal efficiencies of endocrine disrupting chemicals and heavy metals in wastewater treatment processes. Marine Pollution Bulletin, 2016, 112, 53-57.	5.0	19

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73	Monitoring of metal pollution in waterways across Bangladesh and ecological and public health implications of pollution. Chemosphere, 2016, 165, 1-9.	8.2	87
74	Oxidation of Alkanes by Periodate Using a Mn^V Nitrido Complex as Catalyst. Chemistry - an Asian Journal, 2016, 11, 2846-2848.	3.3	2
75	Biogenic FeS accelerates reductive dechlorination of carbon tetrachloride by Shewanella putrefaciens CN32. Enzyme and Microbial Technology, 2016, 95, 236-241.	3.2	40
76	Oxidation of hydroquinones by a (salen)ruthenium(<scp>vi</scp>) nitrido complex. Chemical Communications, 2016, 52, 11430-11433.	4.1	7
77	Acid-Base Behaviour in the Absorption and Emission Spectra of Ruthenium(II) Complexes with Hydroxy-Substituted Bipyridine and Phenanthroline Ligands. European Journal of Inorganic Chemistry, 2016, 2016, 3641-3648.	2.0	13
78	Luminescent Carbonyl Hydrido Ruthenium(II) Diimine Coordination Compounds: Structural, Photophysical, and Electrochemical Properties. European Journal of Inorganic Chemistry, 2016, 2016, 3892-3899.	2.0	11
79	Highly Efficient and Selective Photocatalytic CO₂ Reduction by Iron and Cobalt Quaterpyridine Complexes. Journal of the American Chemical Society, 2016, 138, 9413-9416.	13.7	276
80	Synthesis, structures and photophysical properties of luminescent cyanoruthenate(<scp>ii</scp>) complexes with hydroxylated bipyridine and phenanthroline ligands. RSC Advances, 2016, 6, 87389-87399.	3.6	14
81	Photocatalytic oxidation of alkenes and alcohols in water by a manganese(<scp>v</scp>) nitrido complex. Chemical Communications, 2016, 52, 9271-9274.	4.1	20
82	Photochemical and electrochemical catalytic reduction of CO₂with NHC-containing dicarbonyl rhenium(<scp>i</scp>) bipyridine complexes. Dalton Transactions, 2016, 45, 14524-14529.	3.3	50
83	Heavy metal contamination along the China coastline: A comprehensive study using Artificial Mussels and native mussels. Journal of Environmental Management, 2016, 180, 238-246.	7.8	12
84	Hydrogen atom transfer reactions of ferrate(<scp>vi</scp>) with phenols and hydroquinone. Correlation of rate constants with bond strengths and application of the Marcus cross relation. Dalton Transactions, 2016, 45, 70-73.	3.3	12
85	Trace/heavy metal pollution monitoring in estuary and coastal area of Bay of Bengal, Bangladesh and implicated impacts. Marine Pollution Bulletin, 2016, 105, 393-402.	5.0	77
86	Synthesis, Crystal Structures, and Magnetic Properties of Heterodimetallic RuIII-3d Coordination Compounds Based on a Meridional Tricyanoruthenium(III) Building Block. European Journal of Inorganic Chemistry, 2015, 2015, 1065-1073.	2.0	6
87	Effects of morphology and exposed facets of Î±-Fe₂O₃ nanocrystals on photocatalytic water oxidation. RSC Advances, 2015, 5, 52210-52216.	3.6	35
88	Metallosupramolecular Ni₂L₃ and Ni₄L₆ complexes of bis-bidentate pyridine-containing ligands: X-ray structures and catalytic proton reduction. Dalton Transactions, 2015, 44, 13087-13092.	3.3	9
89	Rational design of Ag@Ag-Bi-KBa2Ta5O15 nanocomposites as efficient plasmonic photocatalysts for degradation of organic pollutants in water under visible light. Applied Catalysis A: General, 2015, 496, 17-24.	4.3	6
90	Catalytic oxidation of alkanes by a (salen)osmium(<scp>vi</scp>) nitrido complex using H₂O₂as the terminal oxidant. Chemical Communications, 2015, 51, 13686-13689.	4.1	18

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91	Zero-valent iron nanoparticles with sustained high reductive activity for carbon tetrachloride dechlorination. RSC Advances, 2015, 5, 54497-54504.	3.6	21
92	Catalytic oxidation of water and alcohols by a robust iron(<scp>iii</scp>) complex bearing a cross-bridged cyclam ligand. Chemical Communications, 2015, 51, 12189-12192.	4.1	43
93	Cerium(IV)â€Driven Water Oxidation Catalyzed by a Manganese(V)â€“Nitrido Complex. Angewandte Chemie - International Edition, 2015, 54, 5246-5249.	13.8	74
94	Molecular Catalysis of the Electrochemical and Photochemical Reduction of CO₂ with Earth-Abundant Metal Complexes. Selective Production of CO vs HCOOH by Switching of the Metal Center. Journal of the American Chemical Society, 2015, 137, 10918-10921.	13.7	294
95	Dual Homogeneous and Heterogeneous Pathways in Photo- and Electrocatalytic Hydrogen Evolution with Nickel(II) Catalysts Bearing Tetradentate Macrocyclic Ligands. ACS Catalysis, 2015, 5, 356-364.	11.2	75
96	Oxidation of ascorbic acid by a (salen)ruthenium(<scp>vi</scp>) nitrido complex in aqueous solution. Chemical Communications, 2014, 50, 15799-15802.	4.1	10
97	Reactivity of Nitrido Complexes of Ruthenium(VI), Osmium(VI), and Manganese(V) Bearing Schiff Base and Simple Anionic Ligands. Accounts of Chemical Research, 2014, 47, 427-439.	15.6	91
98	Efficient Chemical and Visibleâ€Lightâ€Driven Water Oxidation using Nickel Complexes and Salts as Precatalysts. ChemSusChem, 2014, 7, 127-134.	6.8	70
99	Catalytic Water Oxidation by Ruthenium(II) Quaterpyridine (qpy) Complexes: Evidence for Ruthenium(III) qpyâ€N,Nâ€²â€²â€²â€dioxide as the Real Catalysts. Angewandte Chemie - International Edition, 2014, 53, 14468-14471.	13.8	68
100	Photoinduced water oxidation catalyzed by a double-helical dicobalt(<scp>ii</scp>) sexipyridine complex. Chemical Communications, 2014, 50, 14956-14959.	4.1	21
101	Functionalization of Alkynes by a (Salen)ruthenium(VI) Nitrido Complex. Angewandte Chemie - International Edition, 2014, 53, 8463-8466.	13.8	22
102	Highly Efficient Alkane Oxidation Catalyzed by [Mn^V(N)(CN)₄]^{2â€“}. Evidence for [Mn^{VII}(N)(O)(CN)₄]^{2â€“} as an Active Intermediate. Journal of the American Chemical Society, 2014, 136, 7680-7687.	13.7	34
103	Synthesis of nitrogen-doped KNbO3 nanocubes with high photocatalytic activity for water splitting and degradation of organic pollutants under visible light. Chemical Engineering Journal, 2013, 226, 123-130.	12.7	86
104	Synthesis and antitumor activity of a series of osmium(vi) nitrido complexes bearing quinolinolato ligands. Chemical Communications, 2013, 49, 9980.	4.1	35
105	The synthesis, structures and magnetic properties of polynuclear RuIIIâ€“3d (3d = MnII/III, NiII, CuII) compounds based on [RuIII(Q)2(CN)2]â^'. Dalton Transactions, 2013, 42, 3876.	3.3	20
106	Synthesis of La-doped Ag1.4K0.6Ta4O11 nanocomposites as efficient photocatalysts for hydrogen production and organic pollutants degradation. Applied Catalysis A: General, 2013, 467, 335-341.	4.3	4
107	A Robust Palladium(II)â€“Porphyrin Complex as Catalyst for Visible Light Induced Oxidative Cï£¿H Functionalization. Chemistry - A European Journal, 2013, 19, 5654-5664.	3.3	184
108	Câ€“N Bond Cleavage of Anilines by a (Salen)ruthenium(VI) Nitrido Complex. Journal of the American Chemical Society, 2013, 135, 5533-5536.	13.7	37

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109	Chemical and Visibleâ€Lightâ€Driven Water Oxidation by Iron Complexes at pHâ€…7â€“9: Evidence for Dualâ€Active Intermediates in Ironâ€Catalyzed Water Oxidation. Angewandte Chemie - International Edition, 2013, 52, 1789-1791.	13.8	171
110	Ruthenium-catalyzed oxidation of alcohols by bromate in water. New Journal of Chemistry, 2013, 37, 1707.	2.8	13
111	G-quadruplex formation and sequence effect on the assembly of G-rich oligonucleotides induced by Pb2+ ions. Soft Matter, 2012, 8, 7017.	2.7	9
112	Osmium(vi) nitrido complexes bearing azole heterocycles: a new class of antitumor agents. Chemical Science, 2012, 3, 1582.	7.4	46
113	Kinetics and mechanism of G-quadruplex formation and conformational switch in a G-quadruplex of PS2.M induced by Pb2+. Nucleic Acids Research, 2012, 40, 4229-4236.	14.5	86
114	A novel triazidoruthenium(iii) building block for the construction of polynuclear compounds. Dalton Transactions, 2012, 41, 5794.	3.3	12
115	Synthesis, Structures, and Photophysical Properties of Ruthenium(II) Quinolinolato Complexes. Organometallics, 2012, 31, 7101-7108.	2.3	19
116	Catalytic reactions of chlorite with a polypyridylruthenium(<scp>ii</scp>) complex: disproportionation, chlorine dioxide formation and alcohol oxidation. Chemical Communications, 2012, 48, 1102-1104.	4.1	17
117	Innovative â€˜Artificial Musselsâ€™ technology for assessing spatial and temporal distribution of metals in Goulburnâ€“Murray catchments waterways, Victoria, Australia: Effects of climate variability (dry vs.) Tj ETQq1 1 0.784314 rgBT /Overlo	13.6	37
118	A cobalt(ii) quaterpyridine complex as a visible light-driven catalyst for both water oxidation and reduction. Energy and Environmental Science, 2012, 5, 7903.	30.8	186
119	Ligandâ€Accelerated Activation of Strong Cï£¿H Bonds of Alkanes by a (Salen)ruthenium(VI)â€“Nitrido Complex. Angewandte Chemie - International Edition, 2012, 51, 9101-9104.	13.8	60
120	Oxygen Atom Transfer from a trans-Dioxoruthenium(VI) Complex to Nitric Oxide. Chemistry - A European Journal, 2012, 18, 138-144.	3.3	5
121	A recyclable polymer-supported ruthenium catalyst for the oxidative degradation of bisphenol A in water using hydrogen peroxide. New Journal of Chemistry, 2011, 35, 149-155.	2.8	19
122	Binuclear (salen)osmium phosphinidine and phosphiniminato complexes. Dalton Transactions, 2011, 40, 1938.	3.3	13
123	Novel heterobimetallic ruthenium(iii)â€“cobalt(ii) compounds constructed from trans-[RuIII(Q)2(CN)2]â^' (Q = 8-quinolinolato): synthesis, structures and magnetic properties. Chemical Communications, 2011, 47, 8694.	4.1	17
124	Osmium(vi) complexes as a new class of potential anti-cancer agents. Chemical Communications, 2011, 47, 2140.	4.1	46
125	Facile Direct Insertion of Nitrosonium Ion (NO+) into a Rutheniumâ^'Aryl Bond. Organometallics, 2011, 30, 1311-1314.	2.3	28
126	Epoxidation of alkenes and oxidation of alcohols with hydrogen peroxide catalyzed by a manganese(v) nitrido complex. Chemical Communications, 2011, 47, 4273.	4.1	89

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127	Oxygen evolution from BF3/MnO4â˜. Chemical Communications, 2011, 47, 4159.	4.1	14
128	Kinetics and Mechanism of Conformational Changes in a G-Quadruplex of Thrombin-Binding Aptamer Induced by Pb²⁺. Journal of Physical Chemistry B, 2011, 115, 13051-13056.	2.6	48
129	Lewis acid-activated oxidation of alcohols by permanganate. Chemical Communications, 2011, 47, 7143.	4.1	57
130	Photoassisted Fenton Degradation of Polystyrene. Environmental Science & Technology, 2011, 45, 744-750.	10.0	99
131	A Highly Active and Robust Solid-Supported Polypyridylruthenium(II) Catalyst for the Oxidation of Alcohols and Alkenes by Cerium(IV) and Periodate in Water. Industrial & Engineering Chemistry Research, 2011, 50, 12288-12292.	3.7	7
132	Comparison of metal accumulation between â€˜Artificial Musselâ€™ and natural mussels (Mytilus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.0	23
133	Electro- and photocatalytic hydrogen generation in acetonitrile and aqueous solutions by a cobalt macrocyclic Schiff-base complex. International Journal of Hydrogen Energy, 2011, 36, 11640-11645.	7.1	55
134	Reaction of an Osmium(VI) Nitrido Complex with Cyanide: Formation and Reactivity of an Osmium(III) Hydrogen Cyanamide Complex. Chemistry - A European Journal, 2011, 17, 13044-13051.	3.3	33
135	Preparation of nitrogen doped K2Nb4O11 with high photocatalytic activity for degradation of organic pollutants. Applied Catalysis A: General, 2011, 402, 23-30.	4.3	22
136	New tricyanoiron(III) building blocks for the construction of molecule-based magnets. Science China Chemistry, 2010, 53, 2106-2111.	8.2	2
137	Oneâ€Đimensional Ferromagnetically Coupled Bimetallic Chains Constructed with transâ€[Ru(acac)₂(CN)₂]^{â˜}: Syntheses, Structures, Magnetic Properties, and Density Functional Theoretical Study. Chemistry - A European Journal, 2010, 16, 3524-3535.	3.3	73
138	Reaction of a (Salen)ruthenium(VI) Nitrido Complex with Thiols. Câ˜H Bond Activation by (Salen)ruthenium(IV) Sulfilamido Species. Inorganic Chemistry, 2010, 49, 73-81.	4.0	34
139	trans-[Os^{III}(salen)(CN)₂]^{â˜}: A New Paramagnetic Building Block for the Construction of Molecule-Based Magnetic Materials. Inorganic Chemistry, 2010, 49, 1607-1614.	4.0	24
140	New binuclear double-stranded manganese helicates as catalysts for alkene epoxidation. Dalton Transactions, 2010, 39, 9469.	3.3	33
141	Addition of [CH(CN)2]â˜ and [TCNE]Ë™â˜ to RuVIî€,N bearing 8-quinolinolato ligands. Chemical Communications, 2010, 46, 7575.	4.1	5
142	A novel tricyanoruthenium(iii) building block for the construction of bimetallic coordination polymers. Chemical Communications, 2010, 46, 6102.	4.1	30
143	Formation of Î¼-dinitrogen (salen)osmium complexes via ligand-induced Nâ‹¯N coupling of (salen)osmium(vi) nitrides. Dalton Transactions, 2010, 39, 11163.	3.3	32
144	Kinetics and Mechanism of the Oxidation of Ascorbic Acid in Aqueous Solutions by a trans-Dioxoruthenium(VI) Complex. Inorganic Chemistry, 2009, 48, 400-406.	4.0	28

#	Article	IF	Citations
145	8-Quinolinolato complexes of ruthenium(II) and (III). Inorganica Chimica Acta, 2009, 362, 1149-1157.	2.4	14
146	Synthesis and reactivity of osmium (VI) nitrido complexes containing pyridine-carboxylato ligands. Inorganica Chimica Acta, 2009, 362, 3576-3582.	2.4	15
147	Synthesis and Photophysical Properties of Ruthenium(II) Isocyanide Complexes Containing 8-Quinolinolate Ligands. Organometallics, 2009, 28, 5709-5714.	2.3	24
148	Reaction of a (Salen)ruthenium(VI) Nitrido Complex with Isocyanide. Inorganic Chemistry, 2009, 48, 3080-3086.	4.0	24
149	Dual anti-angiogenic and cytotoxic properties of ruthenium(iii) complexes containing pyrazolato and/or pyrazole ligands. Dalton Transactions, 2009, , 10712.	3.3	33
150	Novel Luminescent Tricarbonylrhenium(I) Polypyridine Tyramine-Derived Dipicolylamine Complexes as Sensors for Zinc(II) and Cadmium(II) Ions. Organometallics, 2009, 28, 4297-4307.	2.3	97
151	Coordination Polymers Constructed from [Mn(N)(CN)4]2â€“: Synthesis, Structures, and Magnetic Properties. European Journal of Inorganic Chemistry, 2008, 2008, 158-163.	2.0	13
152	Homogeneous [Ru^{III}(Me₃tacn)Cl₃]â€Catalyzed Alkene cisâ€Dihydroxylation with Aqueous Hydrogen Peroxide. Chemistry - an Asian Journal, 2008, 3, 70-77.	3.3	48
153	Field validation, in Scotland and Iceland, of the artificial mussel for monitoring trace metals in temperate seas. Marine Pollution Bulletin, 2008, 57, 790-800.	5.0	34
154	Efficient Catalytic Oxidation of Alkanes by Lewis Acid/[Os^{VI}(N)Cl₄]^{â˜'} Using Peroxides as Terminal Oxidants. Evidence for a Metal-Based Active Intermediate. Journal of the American Chemical Society, 2008, 130, 10821-10827.	13.7	102
155	A chiral iron-sexipyridine complex as a catalyst for alkene epoxidation with hydrogen peroxide. Chemical Communications, 2008, , 3801.	4.1	74
156	Kinetics and Mechanisms of the Oxidation of Iodide and Bromide in Aqueous Solutions by a trans-Dioxoruthenium(VI) Complex. Inorganic Chemistry, 2008, 47, 6771-6778.	4.0	13
157	General Synthesis of (Salen)ruthenium(III) Complexes via NÂ·Â·Â·N Coupling of (Salen)ruthenium(VI) Nitrides. Inorganic Chemistry, 2008, 47, 5936-5944.	4.0	60
158	Proton-Bridged Dinuclear (salen)Ru Carbene Complexes: Synthesis, Structure, and Reactivity of {[(salchda)Ruâ•C(OR)(CHâ•CPh2)]2Â·H}+. Organometallics, 2008, 27, 324-326.	2.3	24
159	An â€˜artificial musselâ€™ for monitoring heavy metals in marine environments. Environmental Pollution, 2007, 145, 104-110.	7.5	56
160	Removal of phosphate from water by a highly selective La(III)-chelex resin. Chemosphere, 2007, 69, 289-294.	8.2	131
161	Solvent Effects on the Oxidation of Ru^{IV}O to ORu^{VI}O by MnO₄⁻. Hydrogen-Atom versus Oxygen-Atom Transfer. Journal of the American Chemical Society, 2007, 129, 13646-13652.	13.7	30
162	Facile NÂ·Â·Â·N Coupling of Manganese(V) Imido Species. Journal of the American Chemical Society, 2007, 129, 803-809.	13.7	34

#	Article	IF	Citations
163	Synthesis and Spectroscopic Studies of Cyclometalated Pt(II) Complexes Containing a Functionalized Cyclometalating Ligand, 2-Phenyl-6-(1H-pyrazol-3-yl)-pyridine. Inorganic Chemistry, 2007, 46, 3603-3612.	4.0	78
164	trans -Dichloro Tetramine Complexes of Ruthenium(III). Inorganic Syntheses, 2007, , 164-167.	0.3	1
165	Mechanisms of oxidation by trans-dioxoruthenium(VI) complexes containing macrocyclic tertiary amine ligands. Coordination Chemistry Reviews, 2007, 251, 2238-2252.	18.8	35
166	Solid-phase extraction-fluorimetric high performance liquid chromatographic determination of domoic acid in natural seawater mediated by an amorphous titania sorbent. Analytica Chimica Acta, 2007, 583, 111-117.	5.4	31
167	BF3-Activated Oxidation of Alkanes by MnO4-. Journal of the American Chemical Society, 2006, 128, 2851-2858.	13.7	88
168	Oxidation of Nitrite by a trans-Dioxoruthenium(VI) Complex:â€‰ Direct Evidence for Reversible Oxygen Atom Transfer. Journal of the American Chemical Society, 2006, 128, 14669-14675.	13.7	25
169	Kinetics and Mechanism of the Oxidation of Hydroquinones by a trans-Dioxoruthenium(VI) Complex. Inorganic Chemistry, 2006, 45, 315-321.	4.0	24
170	2D LnIIIRuIII2Compounds Constructed fromtrans-[Ru(acac)2(CN)2]-. Syntheses, Structures, and Magnetic Properties. Inorganic Chemistry, 2006, 45, 6756-6760.	4.0	50
171	Cyano-bridged molecular squares: Synthesis and structures of [Ni(cyclen)]2[Pt(CN)4]2Â·6H2O, [Ni(cyclen)]2[Ni(CN)4]2Â·6H2O and [Mn(cyclen)]2[Ni(CN)4]2Â·6H2O. Polyhedron, 2006, 25, 1256-1262.	2.2	24
172	NiIIRuII and CuIIRuII Coordination Polymers Constructed from [Ru(CN)6]4?. European Journal of Inorganic Chemistry, 2005, 2005, 364-370.	2.0	7
173	Addition of Carbenes to an Osmium(VI) Nitride Complex. European Journal of Inorganic Chemistry, 2005, 2005, 773-778.	2.0	21
174	Heterometallic MIIRuIII2Compounds Constructed fromtrans-[Ru(Salen)(CN)2]-andtrans-[Ru(Acac)2(CN)2]-. Synthesis, Structures, Magnetic Properties, and Density Functional Theoretical Study. Inorganic Chemistry, 2005, 44, 6579-6590.	4.0	71
175	Ruthenium and Osmium: High Oxidation States. ChemInform, 2004, 35, no.	0.0	0
176	Highly Electrophilic (Salen)ruthenium(VI) Nitrido Complexes. Journal of the American Chemical Society, 2004, 126, 478-479.	13.7	111
177	FeCl3-Activated Oxidation of Alkanes by [Os(N)O3]-. Journal of the American Chemical Society, 2004, 126, 14921-14929.	13.7	59
178	Direct Aziridination of Alkenes by a Cationic (Salen)ruthenium(VI) Nitrido Complex. Journal of the American Chemical Society, 2004, 126, 15336-15337.	13.7	86
179	Luminescent Nitridoosmium(VI) Complexes with Aryl- and Alkylacetylide Ligands:â€‰ Spectroscopic Properties and Crystal Structures. Organometallics, 2003, 22, 315-320.	2.3	14
180	Kinetics and Mechanism of the Oxidation of Alkylaromatic Compounds by atrans-Dioxoruthenium(VI) Complex. Inorganic Chemistry, 2003, 42, 8011-8018.	4.0	38

#	Article	IF	Citations
181	Kinetics and Mechanisms of the Oxidation of Phenols by a trans-Dioxoruthenium(VI) Complex. Inorganic Chemistry, 2003, 42, 1225-1232.	4.0	55
182	Ruthenium and Osmium: High Oxidation States. , 2003, , 733-847.		13
183	Ferromagnetic Ordering and Metamagnetism in Malonate Bridged 3D Diamond-like and Honeycomb-like Networks:â€‰ [Cu(mal)(DMF)]n and {[Cu(mal)(0.5pyz)]Â·H2O}n (mal = Malonate Dianion, DMF =) Tj ETQq1 1 0.784314 rgBT /Over		
184	Sequencing of Argentinated Peptides by Means of Matrix-Assisted Laser Desorption/Ionization Tandem Mass Spectrometry. Analytical Chemistry, 2002, 74, 2072-2082.	6.5	27
185	Reactivity of MIIIMetal-Substituted Derivatives of Pig Purple Acid Phosphatase (Uteroferrin) with Phosphate. Inorganic Chemistry, 2002, 41, 5787-5794.	4.0	53
186	Kinetics and mechanisms of the reduction of a cis-dioxoruthenium(vi) complex by [Ni(tacn)2]2+ and [Fe(H2O)6]2+. Dalton Transactions RSC, 2002, , 2697.	2.3	3
187	A novel one-dimensional Ni(ii)â€“Fe(ii) polymer containing Î¼3-cyanides: [Ni(cyclen)]2[Fe(CN)6]Â·8H2O. New Journal of Chemistry, 2002, 26, 1099-1101.	2.8	7
188	Antiferromagnetic ordering in a novel five-connected 3D polymer {Cu2(2,5-Me2pyz)[N(CN)2]4}n (2,5-Me2pyzî€†2,5-dimethylpyrazine)Electronic supplementary information (ESI) available: plot of the temperature dependence of the ac susceptibility (Fig. S1). See http://www.rsc.org/suppdata/nj/b1/b111012h/. New Journal of Chemistry, 2002, 26, 523-525.	2.8	54
189	Facile Nucleophilic Addition to Salophen Coordinated to Nitridoosmium(VI). Journal of the American Chemical Society, 2001, 123, 12720-12721.	13.7	20
190	Characterization of the product ions from the collision-induced dissociation of argentinated peptides. Journal of the American Society for Mass Spectrometry, 2001, 12, 163-175.	2.8	65
191	Formation of molecular radical cations of enkephalin derivatives via collision-induced dissociation of electrospray-generated copper (II) complex ions of amines and peptides. Journal of the American Society for Mass Spectrometry, 2001, 12, 1114-1119.	2.8	101
192	Ferromagnetic Ordering in a Diamondâ€Like Cyanoâ€Bridged Mn ^{II} Ru ^{III} Bimetallic Coordination Polymer. Angewandte Chemie - International Edition, 2001, 40, 3031-3033.	13.8	89
193	Copper-catalyzed amination of alkenes and ketones by phenylhydroxylamine. New Journal of Chemistry, 2000, 24, 859-863.	2.8	57
194	Stoichiometric and Catalytic Oxidations of Alkanes and Alcohols Mediated by Highly Oxidizing Ruthenium˜Oxo Complexes Bearing 6,6â€˜-Dichloro-2,2â€˜-bipyridine. Journal of Organic Chemistry, 2000, 65, 7996-8000.	3.2	70
195	A novel heterobimetallic Ni(II)â€“Ag(I) cyano-bridged coordination polymer incorporating AgÂ·Â·Â·Ag interactions: {[Ni(cyclen)][Ag(CN)2]}[Ag(CN)2]. New Journal of Chemistry, 2000, 24, 733-734.	2.8	21
196	Lewis acid activated oxidation of alkanes by barium ferrate. New Journal of Chemistry, 2000, 24, 587-590.	2.8	31
197	Synthesis, crystal structure and electrospray ionisation mass spectrometry of a novel one-dimensional cyano-bridged Ni(II)â€“Au(I) polymer. New Journal of Chemistry, 2000, 24, 765-769.	2.8	20
198	Kinetics and mechanisms of the oxidation of hypophosphite and phosphite with trans-[RuVI(L)(O)2]2+ (Lâ€…=â€…1,12-dimethyl-3,4:9,10-dibenzo-1,12-diaza-5,8-dioxacyclopentadecane). Dalton Transactions RSC, 2000, , 17-20.	2.3	8

#	Article	IF	Citations
199	Molecular Radical Cations of Oligopeptides. Journal of Physical Chemistry B, 2000, 104, 3393-3397.	2.6	198
200	Syntheses and structures of novel heterobimetallic Cu(II)â€“Au(I) complexes Cu(cyclen)[Au(CN)2]2 and Cu(pyz)[Au(CN)2]2. Dalton Transactions RSC, 2000, , 629-631.	2.3	43
201	Sequencing of Argentinated Peptides by Means of Electrospray Tandem Mass Spectrometry. Analytical Chemistry, 1999, 71, 2364-2372.	6.5	71
202	A novel trinuclear copper(II) complex bridged by tren: [Cu3(tren)4][Pt(CN)4]3Â·2H2O. New Journal of Chemistry, 1999, 23, 1049-1050.	2.8	7
203	Osmium(VI) Nitrido and Osmium(IV) Phosphoraniminato Complexes Containing Schiff Base Ligands. Inorganic Chemistry, 1999, 38, 6181-6186.	4.0	44
204	Activation of manganese nitrido complexes by BrÃ¸nsted and Lewis acids. Crystal structure and asymmetric alkene aziridination of a chiral salen manganese nitrido complex. Journal of the Chemical Society Dalton Transactions, 1999, , 2411-2414.	1.1	39
205	Intraionic, interligand proton transfer in collision-activated macrocyclic complex ions of nickel and copper. , 1998, 33, 811-818.		21
206	Relative silver(I) ion binding energies of Î±-amino acids: A determination by means of the kinetic method. Journal of the American Society for Mass Spectrometry, 1998, 9, 760-766.	2.8	93
207	Structures of b and a Product Ions from the Fragmentation of Argentinated Peptides. Journal of the American Chemical Society, 1998, 120, 7302-7309.	13.7	49
208	Kinetics and mechanism of the oxidation of sulfite by trans-[Ru(tmc)O2]2+ (tmcâ€…=â€…1,4,8,11-tetramethyl-1,4,8,11- tetraazacyclotetradecane). Journal of the Chemical Society Dalton Transactions, 1997, , 313-316.	1.1	8
209	Photocatalytic and aerobic oxidation of saturated alkanes by a neutral luminescent trans-dioxoosmium(vi) complex [OsO2(CN)2(dpphen)]. Chemical Communications, 1997, , 1443-1444.	4.1	19
210	Electrospray Tandem Mass Spectrometry of Nitrido and Imido Complexes. Inorganic Chemistry, 1996, 35, 2169-2170.	4.0	7
211	Chromium-Centered Imido Group Transfer. Inorganic Chemistry, 1995, 34, 4271-4274.	4.0	17
212	Oxidation of C2, C3and higher alkanes by a rutheniumâ€“oxo system. Journal of the Chemical Society Chemical Communications, 1995, , 943-944.	2.0	22
213	Electrospray tandem mass spectrometry of polyoxoanions. Journal of the Chemical Society Chemical Communications, 1995, , 877.	2.0	55
214	Dalton communications. Lewis-acid catalysed oxidation of alkanes by chromate and permanganate. Journal of the Chemical Society Dalton Transactions, 1995, , 695.	1.1	35
215	Electron-transfer reactions and the self-exchange rate of the perruthenate(VII)â€“ruthenate(VI) couple. Journal of the Chemical Society Dalton Transactions, 1995, , 2221-2223.	1.1	3
216	trans-Dichlorotetrapyridineruthenium(II). Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 1406-1407.	0.4	11

#	Article	IF	Citations
217	Kinetics and mechanism of the oxidation of iodide by trans-dioxoruthenium (VI). Journal of the Chemical Society Dalton Transactions, 1994, , 3091.	1.1	7
218	Electrospray tandem mass spectrometry of oxo complexes of chromium, manganese and tuthenium. Journal of the Chemical Society Chemical Communications, 1994, , 1487.	2.0	41
219	Oxidation of alkanes by barium ruthenate in acetic acid: catalysis by Lewis acids. Journal of the Chemical Society Chemical Communications, 1993, , 766.	2.0	44
220	Mechanism of alcohol oxidation by trans-dioxoruthenium(VI): the effect of driving force on reactivity. Journal of the Chemical Society Dalton Transactions, 1992, , 1551.	1.1	44
221	Mechanism of Câ€“H bond oxidation by a monooxoruthenium(V) complex. Journal of the Chemical Society Dalton Transactions, 1991, , 1259-1263.	1.1	33
222	Electronic effects of bis(acetylacetone) in ruthenium(II) and ruthenium(III) complexes. Inorganic Chemistry, 1991, 30, 2921-2928.	4.0	28
223	Tuning the reactivities of rutheniumâ€“oxo complexes with robust ligands. A ruthenium(IV)â€“oxo complex of 6,6â€²-dichloro-2,2â€²-bipyridine as an active oxidant for stoichiometric and catalytic organic oxidation. Journal of the Chemical Society Dalton Transactions, 1991, , 1901-1907.	1.1	59
224	A ruthenium(IV) oxo complex that contains a tertiary diamine ligand. Journal of the Chemical Society Dalton Transactions, 1990, , 967.	1.1	37
225	Synthesis and structures of dioxoruthenium(VI) complexes. Oxo transfer from trans-O2Ru(py)2(O2CR)2. Inorganic Chemistry, 1990, 29, 4190-4195.	4.0	35
226	Model reactions for nitrogen fixation. Photo-induced formation and X-ray crystal structure of [Os2(NH3)8(MeCN)2(N2)]5+ from [Os VI (NH3)4N]3+. Journal of the Chemical Society Chemical Communications, 1989, , 1883.	2.0	48
227	Metal-nitrido photo-oxidants: synthesis, photophysics, and photochemistry of [Os VI (NH3)4(N)](X)3(X) Tj ETQq1 1 0.784314 rgBT /Ov	2.0	28
228	Ruthenium catalysed oxidation of alkanes with alkylhydroperoxides. Journal of the Chemical Society Chemical Communications, 1988, , 1406.	2.0	73
229	General synthesis of dioxoruthenium(VI) complexes. Structure and reactivity of trans-dioxobis(acetato)bis(pyridine)ruthenium(VI). Journal of the Chemical Society Chemical Communications, 1987, , 798.	2.0	18
230	Structural and mechanistic studies of co-ordination compounds. Part 37. Ligand-substitution kinetics of some halogeno tetra-amine complexes of cobalt(III), ruthenium(II), and ruthenium(III). Journal of the Chemical Society Dalton Transactions, 1983, , 1641.	1.1	7
231	Structural and mechanistic studies of co-ordination compounds. Part 32. Different photochemical pathways of some trans-dihalogenobis(ethylenediamine)ruthenium(III) cations: ligand-field versus ligand-to-metal charge-transfer excited states. Journal of the Chemical Society Dalton Transactions, 1982, , 531.	1.1	4
232	Structural and mechanistic studies of co-ordination compounds. Part 33. Inner-sphere vs. outer-sphere mechanisms in the reductions of some trans-dianiono(tetramine)ruthenium(III) cations by chromium(II) and vanadium(II). Journal of the Chemical Society Dalton Transactions, 1982, , 865.	1.1	3
233	Structural and mechanistic studies of co-ordination compounds. Part 31. The chromium(II) reduction of some trans-tetra-aminedichloro-ruthenium(III) cations. Journal of the Chemical Society Dalton Transactions, 1981, , 2556.	1.1	2
234	Oxidative C-O bond cleavage of dihydroxybenzenes and conversion of coordinated cyanide to carbonyl by a luminescent Os(VI) cyanonitrido complex. Chemical Communications, 0, , .	4.1	3