

Fabrice Thomas

List of Publications by Year in descending order

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147566

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78
all docs

78
docs citations

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times ranked

2452
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromium Nitride Umpolung Tuned by the Locus of Oxidation. <i>Journal of the American Chemical Society</i> , 2022, 144, 11594-11607.	6.6	6
2	Lanthanide complexes of DOTA-nitroxide conjugates for redox imaging: spectroelectrochemistry, CEST, relaxivity, and cytotoxicity. <i>Dalton Transactions</i> , 2021, 50, 10826-10837.	1.6	5
3	Substituent Effects in Carbon-Nanotube-Supported Copper Phenolato Complexes for Oxygen Reduction Reaction. <i>Inorganic Chemistry</i> , 2021, 60, 6922-6929.	1.9	12
4	Copper Complexes of the Tetradentate N,N'-bis(2-amino-3,5-di-tert-butylphenyl)-2,2'-diaminobiphenyl Ligand. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1481-1489.	1.0	1
5	Multireversible Redox Processes in a Self-Assembled Nickel Pentanuclear Bis(Triple-stranded Helicate): Structural and Spectroscopic Characterizations in the Ni II 5 and Ni I Ni II 4 Redox States. <i>ChemElectroChem</i> , 2021, 8, 2912-2920.	1.7	1
6	Lanthanide complexes as redox and ROS/RNS probes: A new paradigm that makes use of redox-reactive and redox non-innocent ligands. <i>Coordination Chemistry Reviews</i> , 2021, 446, 214133.	9.5	8
7	Luminescent pro-nitroxide lanthanide complexes for the detection of reactive oxygen species. <i>Chemical Communications</i> , 2020, 56, 435-438.	2.2	13
8	Distorted copper(II) radicals with sterically hindered salens: electronic structure and aerobic oxidation of alcohols. <i>Dalton Transactions</i> , 2020, 49, 12990-13002.	1.6	12
9	Seven Reversible Redox Processes in a Self-Assembled Cobalt Pentanuclear Bis(triple-stranded) Overlock 10. <i>Inorganic Chemistry</i> , 2020, 59, 9196-9205.	1.9	8
10	Structural and spectroscopic investigations of nine-coordinate redox active lanthanide complexes with a pincer O,N,O ligand. <i>Dalton Transactions</i> , 2020, 49, 8238-8246.	1.6	7
11	Complexes of the Bis(di-tert-butyl-aniline)amine Pincer Ligand: The Case of Copper. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2691-2699.	1.0	5
12	Effect of Distortions on the Geometric and Electronic Structures of One-Electron Oxidized Vanadium(IV), Copper(II), and Cobalt(II)/(III) Salen Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 5133-5148.	1.9	43
13	A Nanotube-Supported Dicopper Complex Enhances Pt-free Molecular H ₂ /Air Fuel Cells. <i>Joule</i> , 2019, 3, 2020-2029.	11.7	28
14	Cobalt(II) Pentaaza-Macrocyclic Schiff Base Complex as Catalyst for Light-Driven Hydrogen Evolution in Water: Electrochemical Generation and Theoretical Investigation of the One-Electron Reduced Species. <i>Inorganic Chemistry</i> , 2019, 58, 9043-9056.	1.9	29
15	Stable M(II)-Radicals and Nickel(III) Complexes of a Bis(phenol) N-Heterocyclic Carbene Chelated to Group 10 Metal Ions. <i>Inorganic Chemistry</i> , 2019, 58, 8030-8044.	1.9	16
16	Electronic Structure and Reactivity of One-Electron-Oxidized Copper(II) Bis(phenolate)-Dipyrrin Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 9708-9719.	1.9	32
17	Coordination Chemistry of the Redox Non-Innocent Ligand Bis(2-amino-3,5-di-tert-butylphenyl)amine with Group 10 Metal Ions (Ni, Pd, Pt). <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1752-1761.		11
18	Exploiting exciton coupling of ligand radical intervalence charge transfer transitions to tune NIR absorption. <i>Chemical Science</i> , 2018, 9, 1610-1620.	3.7	11

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19	Structural and spectroscopic investigations of redox active seven coordinate luminescent lanthanide complexes. <i>Inorganica Chimica Acta</i> , 2018, 483, 609-617.	1.2	14
20	Coordination chemistry of a redox non-innocent NHC bis(phenolate) pincer ligand with nickel(II). <i>Inorganica Chimica Acta</i> , 2018, 482, 561-566.	1.2	11
21	A highly active diradical cobalt(III) catalyst for the cycloisomerization of alkynoic acids. <i>Chemical Communications</i> , 2018, 54, 8241-8244.	2.2	8
22	Structural snapshots of the rearrangement of the bis(di- <i>tert</i> -butyl-aminophenyl)amine pincer ligand in the presence of transition metal ions. <i>Dalton Transactions</i> , 2018, 47, 11303-11307.	1.6	4
23	Seven-coordinate lanthanide complexes with a tripodal redox active ligand: structural, electrochemical and spectroscopic investigations. <i>Dalton Transactions</i> , 2018, 47, 10742-10751.	1.6	25
24	Mn(IV) and Mn(V)-radical species supported by the redox non-innocent bis(2-amino-3,5-di- <i>tert</i> -butylphenyl)amine pincer ligand. <i>Chemical Communications</i> , 2017, 53, 2764-2767.	2.2	29
25	A redox active switch for lanthanide luminescence in phenolate complexes. <i>Chemical Communications</i> , 2017, 53, 605-608.	2.2	24
26	Ni(II) Complexes of the Redox-Active Bis(2-aminophenyl)dipyrrin: Structural, Spectroscopic, and Theoretical Characterization of Three Members of an Electron Transfer Series. <i>Inorganic Chemistry</i> , 2017, 56, 6380-6392.	1.9	16
27	A Structurally Characterized Cu(III) Complex Supported by a Bis(anilido) Ligand and Its Oxidative Catalytic Activity. <i>Chemistry - A European Journal</i> , 2017, 23, 13929-13940.	1.7	13
28	Electrocatalytic O ₂ Reduction at a Bio-Inspired Mononuclear Copper Phenolato Complex Immobilized on a Carbon Nanotube Electrode. <i>Angewandte Chemie</i> , 2016, 128, 2563-2566.	1.6	15
29	Electrocatalytic O ₂ Reduction at a Bio-Inspired Mononuclear Copper Phenolato Complex Immobilized on a Carbon Nanotube Electrode. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2517-2520.	7.2	58
30	Synthesis, Characterization, and Photocatalytic H ₂ -Evolving Activity of a Family of [Co(N4Py)(X)] ⁿ⁺ Complexes in Aqueous Solution. <i>Inorganic Chemistry</i> , 2016, 55, 4564-4581.	1.9	47
31	Ligand-centred oxidative chemistry in sterically hindered salen complexes: an interesting case with nickel. <i>Dalton Transactions</i> , 2016, 45, 10866-10877.	1.6	92
32	Copper(II) complex of a Schiff base of dehydroacetic acid: Characterization and aerobic oxidation of benzyl alcohol. <i>Inorganic Chemistry Communication</i> , 2016, 72, 17-22.	1.8	14
33	The structure of a one-electron oxidized Mn(III)-bis(phenolate)dipyrrin radical complex and oxidation catalysis control via ligand-centered redox activity. <i>Dalton Transactions</i> , 2016, 45, 16325-16334.	1.6	25
34	Geometric and Electronic Structures of Nickel(II) Complexes of Redox Noninnocent Tetradentate Phenylenediamine Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 649-665.	1.9	34
35	Influence of Electron-Withdrawing Substituents on the Electronic Structure of Oxidized Ni and Cu Salen Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 5970-5980.	1.9	71
36	Cobalt(III) tetraaza-macrocyclic complexes as efficient catalyst for photoinduced hydrogen production in water: Theoretical investigation of the electronic structure of the reduced species and mechanistic insight. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 152, 82-94.	1.7	20

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37	Redox Noninnocence of the Bridge in Copper(II) Salophen and Bis(oxamato) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 9013-9026.	1.9	38
38	Detailed Geometric and Electronic Structures of a One-Electron-Oxidized Ni Salophen Complex and Its Amido Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3479-3487.	1.0	19
39	A singlet ground state for a cobalt(II)-anilinosalen radical complex. <i>Chemical Communications</i> , 2014, 50, 4924-4926.	2.2	17
40	Unprecedented redox-driven ligand ejection in nickel(II)-diiminoquinonate radical complexes. <i>Chemical Communications</i> , 2014, 50, 1918-1920.	2.2	20
41	Characterization of one-electron oxidized copper(II)-salophen-type complexes; effects of electronic and geometrical structures on reactivities. <i>Dalton Transactions</i> , 2014, 43, 2283-2293.	1.6	45
42	Oxovanadium(IV)-salen and -salan complexes as effective labels for electrochemical immunosensing: a case study for estradiol detection. <i>Chemical Communications</i> , 2014, 50, 1658-1661.	2.2	16
43	Nuclease and anti-proliferative activities of copper(II) complexes of N3O tripodal ligands involving a sterically hindered phenolate. <i>Dalton Transactions</i> , 2013, 42, 8468.	1.6	26
44	Peculiar properties of homoleptic Cu complexes with dipyrromethene derivatives. <i>Dalton Transactions</i> , 2013, 42, 14188.	1.6	20
45	Stable Anilinyll Radicals Coordinated to Nickel: X-Ray Crystal Structure and Characterization. <i>Chemistry - A European Journal</i> , 2013, 19, 16707-16721.	1.7	30
46	New Insights into the Electronic Structure and Reactivity of One-Electron Oxidized Copper(II)-(Disalicylidene)diamine Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 12450-12461.	1.9	71
47	Ligand-Centered Redox Activity in Cobalt(II) and Nickel(II) Bis(phenolate)-Dipyrin Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 14590-14593.	1.7	52
48	Ligand Contributions to the Electronic Structures of the Oxidized Cobalt(II) salen Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 10557-10571.	1.9	80
49	Radical Localization in a Series of Symmetric Ni(II) Complexes with Oxidized Salen Ligands. <i>Chemistry - A European Journal</i> , 2012, 18, 14117-14127.	1.7	76
50	One-Electron Oxidized Copper(II) Salophen Complexes: Phenoxy versus Diiminobenzene Radical Species. <i>Chemistry - A European Journal</i> , 2012, 18, 1068-1072.	1.7	57
51	X-Ray Structures of Copper(II) and Nickel(II) Radical Salen Complexes: The Preference of Galactose Oxidase for Copper(II). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4989-4992.	7.2	166
52	Co(III) and Cu(I) complexes of reduced Schiff bases: Generation of phenoxy radical species. <i>Inorganica Chimica Acta</i> , 2010, 363, 3122-3130.	1.2	30
53	Co(II), Ni(II), Cu(I) and Zn(II) complexes of a bipyridine bis-phenol conjugate: Generation and properties of coordinated radical species. <i>Dalton Transactions</i> , 2010, 39, 10088.	1.6	45
54	Unsymmetrical one-electron oxidized Ni(II)-bis(salicylidene) complexes: a protonation-induced shift of the oxidation site. <i>Chemical Communications</i> , 2010, 46, 6765.	2.2	34

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55	Spin Interaction in Octahedral Zinc Complexes of Mono- and Diradical Schiff and Mannich Bases. <i>Inorganic Chemistry</i> , 2010, 49, 646-658.	1.9	47
56	One-electron oxidized nickel(II) complexes of bis and tetra(salicylidene) phenylenediamine Schiff bases: from monoradical to interacting Ni(III) ions. <i>Dalton Transactions</i> , 2009, , 1792.	1.6	65
57	Galactose oxidase models: insights from 19F NMR spectroscopy. <i>Dalton Transactions</i> , 2009, , 832-842.	1.6	14
58	A versatile electronic hole in one-electron oxidized Nillbis-salicylidene phenylenediamine complexes. <i>Chemical Communications</i> , 2007, , 4462.	2.2	68
59	Up to four phenoxyl radicals coordinated to two metal ions in copper and zinc complexes?. <i>Dalton Transactions</i> , 2007, , 889.	1.6	41
60	Ten Years of a Biomimetic Approach to the Copper(II) Radical Site of Galactose Oxidase. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2379-2404.	1.0	187
61	Fine Tuning of the Oxidation Locus, and Electron Transfer, in Nickel Complexes of Pro-Radical Ligands. <i>Chemistry - A European Journal</i> , 2006, 12, 2293-2302.	1.7	117
62	Valence Tautomerism in Octahedral and Square-Planar Phenoxylâ€“Nickel(II) Complexes: Are Imino Nitrogen Atoms Good Friends?. <i>Chemistry - A European Journal</i> , 2006, 12, 6953-6962.	1.7	142
63	Galactose Oxidase Models: Creation and Modification of Proton Transfer Coupled to Copper(II) Coordination Processes in Pro-Phenoxyl Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3684-3696.	1.0	46
64	Homolytic Câ€“H bond cleavage (H-atom transfer): chemistry for a paramount biological process. <i>Comptes Rendus Chimie</i> , 2005, 8, 65-74.	0.2	14
65	An Unprecedented Bridging Phenoxyl Radical in Dicopper(II) Complexes: Evidence for anS=3/2 Spin State. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 438-441.	7.2	41
66	Galactose Oxidase Models: Solution Chemistry, and Phenoxyl Radical Generation Mediated by the Copper Status. <i>Chemistry - A European Journal</i> , 2004, 10, 4115-4125.	1.7	53
67	Intramolecularly hydrogen-bonded versus copper(ii) coordinated mono- and bis-phenoxyl radicals. <i>Dalton Transactions</i> , 2004, , 2662-2669.	1.6	98
68	Galactose Oxidase Models: Tuning the Properties of Cullâ€“Phenoxyl Radicals. <i>Chemistry - A European Journal</i> , 2003, 9, 3803-3812.	1.7	85
69	Dicopper(II) Complexes of H-BPMP-Type Ligands:â€“ pH-Induced Changes of Redox, Spectroscopic (19F NMR) Tj ETQq1 1 0.784314 g <i>Chemistry</i> , 2002, 41, 479-491.	1.9	187
70	A Structural and Functional Model of Galactose Oxidase: Control of the One-Electron Oxidized Active Form through Two Differentiated Phenolic Arms in a Tripodal Ligand. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3047.	7.2	110
71	Interaction of a Spin-Labeled Adenineâˆ“Acridine Conjugate with a DNA Duplex Containing an Abasic Site Modelâ€“. <i>Biochemistry</i> , 1999, 38, 1930-1937.	1.2	24
72	Radical Complexes of Nickel(II)/Copper(II) and Redox Nonâ€“innocent MBâ€“DIPY Ligands: Unusual Stability and Strong Nearâ€“Infrared Absorption at <i>Î»</i> _{max} âˆ“1/4 1300â€“...nm. <i>Chemistry - A European Journal</i> , 0, , .	1.7	1