

Fabrice Thomas

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dicopper(II) Complexes of H-BPMP-Type Ligands: pH-Induced Changes of Redox, Spectroscopic (19F NMR) Tj ETQq1 1 0.784314 Chemistry, 2002, 41, 479-491.	1.9	187
2	Ten Years of a Biomimetic Approach to the Copper(II) Radical Site of Galactose Oxidase. European Journal of Inorganic Chemistry, 2007, 2007, 2379-2404.	1.0	187
3	X-Ray Structures of Copper(II) and Nickel(II) Radical Salen Complexes: The Preference of Galactose Oxidase for Copper(II). Angewandte Chemie - International Edition, 2010, 49, 4989-4992.	7.2	166
4	Valence Tautomerism in Octahedral and Square-Planar Phenoxyl-Nickel(II) Complexes: Are Imino Nitrogen Atoms Good Friends?. Chemistry - A European Journal, 2006, 12, 6953-6962.	1.7	142
5	Fine Tuning of the Oxidation Locus, and Electron Transfer, in Nickel Complexes of Pro-Radical Ligands. Chemistry - A European Journal, 2006, 12, 2293-2302.	1.7	117
6	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. Angewandte Chemie - International Edition, 2002, 41, 3047.	7.2	110
7	Intramolecularly hydrogen-bonded versus copper(ii) coordinated mono- and bis-phenoxyl radicals. Dalton Transactions, 2004, , 2662-2669.	1.6	98
8	Ligand-centred oxidative chemistry in sterically hindered salen complexes: an interesting case with nickel. Dalton Transactions, 2016, 45, 10866-10877.	1.6	92
9	Galactose Oxidase Models: Tuning the Properties of Cull-Phenoxyl Radicals. Chemistry - A European Journal, 2003, 9, 3803-3812.	1.7	85
10	Ligand Contributions to the Electronic Structures of the Oxidized Cobalt(II) salen Complexes. Inorganic Chemistry, 2012, 51, 10557-10571.	1.9	80
11	Radical Localization in a Series of Symmetric Ni ^{II} Complexes with Oxidized Salen Ligands. Chemistry - A European Journal, 2012, 18, 14117-14127.	1.7	76
12	New Insights into the Electronic Structure and Reactivity of One-Electron Oxidized Copper(II)-(Disalicylidene)diamine Complexes. Inorganic Chemistry, 2012, 51, 12450-12461.	1.9	71
13	Influence of Electron-Withdrawing Substituents on the Electronic Structure of Oxidized Ni and Cu Salen Complexes. Inorganic Chemistry, 2015, 54, 5970-5980.	1.9	71
14	A versatile electronic hole in one-electron oxidized Ni(bis-salicylidene phenylenediamine) complexes. Chemical Communications, 2007, , 4462.	2.2	68
15	One-electron oxidized nickel(II) complexes of bis and tetra(salicylidene) phenylenediamine Schiff bases: from monoradical to interacting Ni(III) ions. Dalton Transactions, 2009, , 1792.	1.6	65
16	Electrocatalytic O ₂ Reduction at a Bio-Inspired Mononuclear Copper Phenolato Complex Immobilized on a Carbon Nanotube Electrode. Angewandte Chemie - International Edition, 2016, 55, 2517-2520.	7.2	58
17	One-Electron Oxidized Copper(II) Salophen Complexes: Phenoxyl versus Diiminobenzene Radical Species. Chemistry - A European Journal, 2012, 18, 1068-1072.	1.7	57
18	Galactose Oxidase Models: Solution Chemistry, and Phenoxyl Radical Generation Mediated by the Copper Status. Chemistry - A European Journal, 2004, 10, 4115-4125.	1.7	53

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19	Ligand-Centered Redox Activity in Cobalt(II) and Nickel(II) Bis(phenolate)-Dipyrrin Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 14590-14593.	1.7	52
20	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
21	Synthesis, Characterization, and Photocatalytic H ₂ -Evolving Activity of a Family of [Co(N ₄ Py)(X)] ⁿ⁺ Complexes in Aqueous Solution. <i>Inorganic Chemistry</i> , 2016, 55, 4564-4581.	1.9	47
22	Galactose Oxidase Models: Creation and Modification of Proton Transfer Coupled to Copper(II) Coordination Processes in Pro-Phenoxy Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3684-3696.	1.0	46
23	CoII, NiII, CuII and ZnII complexes of a bipyridine bis-phenol conjugate: Generation and properties of coordinated radical species. <i>Dalton Transactions</i> , 2010, 39, 10088.	1.6	45
24	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
25	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
26	An Unprecedented Bridging Phenoxy Radical in Dicopper(II) Complexes: Evidence for an S=3/2 Spin State. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 438-441.	7.2	41
27	Up to four phenoxy radicals coordinated to two metal ions in copper and zinc complexes?. <i>Dalton Transactions</i> , 2007, , 889.	1.6	41
28	Redox Noninnocence of the Bridge in Copper(II) Salophen and Bis(oxamato) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 9013-9026.	1.9	38
29	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
30	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
31	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
32	CoIII and CuII complexes of reduced Schiff bases: Generation of phenoxy radical species. <i>Inorganica Chimica Acta</i> , 2010, 363, 3122-3130.	1.2	30
33	Stable Aniliny Radical Coordinated to Nickel: X-ray Crystal Structure and Characterization. <i>Chemistry - A European Journal</i> , 2013, 19, 16707-16721.	1.7	30
34	Mn(IV) and Mn(V)-radical species supported by the redox non-innocent bis(2-amino-3,5-di-tert-butylphenyl)amine pincer ligand. <i>Chemical Communications</i> , 2017, 53, 2764-2767.	2.2	29
35	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
36	A Nanotube-Supported Dicopper Complex Enhances Pt-free Molecular H ₂ /Air Fuel Cells. <i>Joule</i> , 2019, 3, 2020-2029.	11.7	28

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37	Nuclease and anti-proliferative activities of copper(ii) complexes of N3O tripodal ligands involving a sterically hindered phenolate. Dalton Transactions, 2013, 42, 8468.	1.6	26
38	The structure of a one-electron oxidized Mn(iii)-bis(phenolate)dipyrin radical complex and oxidation catalysis control via ligand-centered redox activity. Dalton Transactions, 2016, 45, 16325-16334.	1.6	25
39	Seven-coordinate lanthanide complexes with a tripodal redox active ligand: structural, electrochemical and spectroscopic investigations. Dalton Transactions, 2018, 47, 10742-10751.	1.6	25
40	Interaction of a Spin-Labeled Adenine~Acridine Conjugate with a DNA Duplex Containing an Abasic Site Model. Biochemistry, 1999, 38, 1930-1937.	1.2	24
41	A redox active switch for lanthanide luminescence in phenolate complexes. Chemical Communications, 2017, 53, 605-608.	2.2	24
42	Peculiar properties of homoleptic Cu complexes with dipyrromethene derivatives. Dalton Transactions, 2013, 42, 14188.	1.6	20
43	Unprecedented redox-driven ligand ejection in nickel(II) diiminoquinonate radical complexes. Chemical Communications, 2014, 50, 1918-1920.	2.2	20
44	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. Journal of Photochemistry and Photobiology B: Biology, 2015, 152, 82-94.	1.7	20
45	Detailed Geometric and Electronic Structures of a One-Electron-Oxidized Ni Salophen Complex and Its Amido Derivatives. European Journal of Inorganic Chemistry, 2014, 2014, 3479-3487.	1.0	19
46	A singlet ground state for a cobalt(II) anilinosalen radical complex. Chemical Communications, 2014, 50, 4924-4926.	2.2	17
47	Oxovanadium~salen and ~salan complexes as effective labels for electrochemical immunosensing: a case study for estradiol detection. Chemical Communications, 2014, 50, 1658-1661.	2.2	16
48	Ni(II) Complexes of the Redox-Active Bis(2-aminophenyl)dipyrin: Structural, Spectroscopic, and Theoretical Characterization of Three Members of an Electron Transfer Series. Inorganic Chemistry, 2017, 56, 6380-6392.	1.9	16
49	Stable M(II)-Radicals and Nickel(III) Complexes of a Bis(phenol) N-Heterocyclic Carbene Chelated to Group 10 Metal Ions. Inorganic Chemistry, 2019, 58, 8030-8044.	1.9	16
50	Electrocatalytic O ₂ Reduction at a Bio-Inspired Mononuclear Copper Phenolato Complex Immobilized on a Carbon Nanotube Electrode. Angewandte Chemie, 2016, 128, 2563-2566.	1.6	15
51	Homolytic C-H bond cleavage (H-atom transfer): chemistry for a paramount biological process. Comptes Rendus Chimie, 2005, 8, 65-74.	0.2	14
52	Galactose oxidase models: insights from 19F NMR spectroscopy. Dalton Transactions, 2009, , 832-842.	1.6	14
53	Copper(II) complex of a Schiff base of dehydroacetic acid: Characterization and aerobic oxidation of benzyl alcohol. Inorganic Chemistry Communication, 2016, 72, 17-22.	1.8	14
54	Structural and spectroscopic investigations of redox active seven coordinate luminescent lanthanide complexes. Inorganica Chimica Acta, 2018, 483, 609-617.	1.2	14

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55	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
56	Luminescent pro-nitroxide lanthanide complexes for the detection of reactive oxygen species. <i>Chemical Communications</i> , 2020, 56, 435-438.	2.2	13
57	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
58	Substituent Effects in Carbon-Nanotube-Supported Copper Phenolato Complexes for Oxygen Reduction Reaction. <i>Inorganic Chemistry</i> , 2021, 60, 6922-6929.	1.9	12
59	Coordination Chemistry of the Redox Non-Innocent Ligand Bis(2-amino-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
60	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
61	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
62	A highly active diradical cobalt(III) catalyst for the cycloisomerization of alkynoic acids. <i>Chemical Communications</i> , 2018, 54, 8241-8244.	2.2	8
63	Seven Reversible Redox Processes in a Self-Assembled Cobalt Pentanuclear Bis(triple-stranded) [Co ₅ (L) ₂] ¹⁰⁺ Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 9196-9205.	10.784314	10
63	Co ^I Co ^{II} ₄ , Co ^{II} ₅ , and Co ^{II} ₃ Co ^{III} ₂ Redox States. <i>Inorganic Chemistry</i> , 2020, 59, 9196-9205.	1.9	8
64	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
65	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
66	Chromium Nitride Umpolung Tuned by the Locus of Oxidation. <i>Journal of the American Chemical Society</i> , 2022, 144, 11594-11607.	6.6	6
67	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
68	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
69	Structural snapshots of the rearrangement of the bis(di-tert-butyl-aminophenyl)amine pincer ligand in the presence of transition metal ions. <i>Dalton Transactions</i> , 2018, 47, 11303-11307.	1.6	4
70	Copper Complexes of the Tetradentate N,N'-bis(2-amino-5-di-tert-butylphenyl)-2,2'-diaminobiphenyl Ligand. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1481-1489.	1.0	1
71	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
72	Radical Complexes of Nickel(II)/Copper(II) and Redox Non-Innocent MB-DIPY Ligands: Unusual Stability and Strong Near-Infrared Absorption at $\lambda_{\text{max}} \approx 1300$ nm. <i>Chemistry - A European Journal</i> , 0, , .	1.7	1