Ronan Le Lagadec

List of Publications by Year
in descending order

65	1,352	331538	360920
papers	citations	21 h-index	35 g-index

65	65	65	1282
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	2-Substituted perimidines: Zwitterionic tauterism in solid state, substituent effect on their crystal packing and biological activity. Journal of Molecular Structure, 2022, 1252, 132056.	1.8	3
2	Synthesis and antifungal activity of nitrophenyl-pyrazole substituted Schiff bases. Journal of Molecular Structure, 2022, 1253, 132289.	1.8	4
3	Preparation and Characterization of Strongly Sulfonated Acid Block and Random Copolymer Membranes for Acetic Acid Esterification with 2-Propanol. Polymers, 2022, 14, 2595.	2.0	2
4	Cyclometalated Osmium Compounds and beyond: Synthesis, Properties, Applications. Molecules, 2021, 26, 1563.	1.7	9
5	Recent Advances on O-Ethoxycarbonyl and O-Acyl Protected Cyanohydrins. Molecules, 2021, 26, 4691.	1.7	1
6	Synthesis, Structural Characterization, and In Vitro and In Silico Antifungal Evaluation of Azo-Azomethine Pyrazoles (PhN2(PhOH)CHN(C3N2(CH3)3)PhR, R = H or NO2). Molecules, 2021, 26, 7435.	1.7	6
7	Efficient synthesis in water of mixed carbonates of cyanohydrins from aromatic aldehydes. Tetrahedron Letters, 2020, 61, 151414.	0.7	2
8	Anticancer activity of ruthenium and osmium cyclometalated compounds: identification of ABCB1 and EGFR as resistance mechanisms. Inorganic Chemistry Frontiers, 2020, 7, 678-688.	3.0	34
9	Synthesis of Poly(2-Acrylamido-2-Methylpropane Sulfonic Acid) and its Block Copolymers with Methyl Methacrylate and 2-Hydroxyethyl Methacrylate by Quasiliving Radical Polymerization Catalyzed by a Cyclometalated Ruthenium(II) Complex. Polymers, 2020, 12, 1663.	2.0	11
10	Synthesis of Nonâ€Symmetric Ruthenium(II) POCOP Pincer Complexes and Their Bimetallic Derivatives by Ï€â€Coordination of Arenophile Fragments. European Journal of Inorganic Chemistry, 2020, 2020, 2700-2708.	1.0	3
11	Light activation of cyclometalated ruthenium complexes drives towards caspase 3 dependent apoptosis in gastric cancer cells. Journal of Inorganic Biochemistry, 2020, 208, 111080.	1.5	11
12	Dibromine Promoted Transmetalation of an Organomercurial by Fe(CO)₅: Synthesis, Properties, and Cytotoxicity of Bis(2-C₆H₄-2â€²-py-ÎºC,N)dicarbonyliron(II). Organometallics, 2020, 39, 1842-1854.	1.1	6
13	Synthesis, Characterization, and Spectroscopic Properties of Allylic Ruthenium(II) Complexes of a Highly Conjugated Perinone. European Journal of Inorganic Chemistry, 2019, 2019, 3494-3502.	1.0	3
14	A redox ruthenium compound directly targets PHD2 and inhibits the HIF1 pathway to reduce tumor angiogenesis independently of p53. Cancer Letters, 2019, 440-441, 145-155.	3.2	28
15	Living radical polymerization of hydrophobic monomers catalyzed by cyclometalated ruthenium(II) complexes: Improved control and formation of block co-polymers. European Polymer Journal, 2018, 108, 171-181.	2.6	3
16	Iron(III) Pincer Complexes as a Strategy for Anticancer Studies. European Journal of Inorganic Chemistry, 2017, 2017, 1673-1678.	1.0	23
17	Tandem Michael additionâ€“Claisen-type condensation of anions of O-ethyl carbonates of cyanohydrins to cyclohex-2-en-1-one. Synthetic Communications, 2017, 47, 1250-1255.	1.1	3
18	Preparative resolution of stable enantio-enriched POCOP-based planar chiral pincer complexes. Journal of Organometallic Chemistry, 2017, 845, 125-134.	0.8	9

#	Article	IF	Citations
19	Impact of cyclometalated ruthenium(II) complexes on lactate dehydrogenase activity and cytotoxicity in gastric and colon cancer cells. Journal of Inorganic Biochemistry, 2016, 163, 28-38.	1.5	22
20	Synthesis and comparative behavior of ruthena(II)cycles bearing benzene ligand in the radical polymerization of styrene and vinyl acetate. Journal of Organometallic Chemistry, 2015, 799-800, 299-310.	0.8	6
21	Further Insight into the Lability of MeCN Ligands of Cytotoxic Cycloruthenated Compounds: Evidence for the Antisymbiotic Effect Trans to the Carbon Atom at the Ru Center. Inorganic Chemistry, 2015, 54, 7617-7626.	1.9	13
22	In search for chelating TAMLs (tetraamido macrocyclic ligands) with peripheral bidentate donor centers: a cobalt(III) complex of the 3,3â€²-(2,2â€²-bipyridindiyl)-tailed TAML. Journal of Coordination Chemistry, 2014, 67, 3909-3919.	0.8	3
23	Thermal and microwave assisted polymerization of vinyl acetate catalyzed by cyclometalated ruthenium (II) complexes. Polymer, 2014, 55, 1656-1665.	1.8	10
24	A glance at the reactivity of osma(II)cycles [Os(Câ€“N)x(bpy)3âˆ’x]m+ (x=0â€“3) Covering a 1.8V Potential Range toward Peroxidase through Monte Carlo Simulations (âˆ’Câ€“N=o-2-phenylpyridinato,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537	1.8	3
25	2-Phenylpyridine ruthenacycles as effectors of glucose oxidase activity: inhibition by RuII and activation by RuIII. Journal of Biological Inorganic Chemistry, 2013, 18, 547-555.	1.1	8
26	Coordination of 12-Electron Organometallic Fragments to the Arene Ring of Nonsymmetric Group 10 POCOP Pincer Complexes. Organometallics, 2013, 32, 2661-2673.	1.1	40
27	Rational Synthesis of Heteroleptic Tris(chelate) Ruthenium Complexes [RuII(2-Ph-2â€²-Py)(LâˆˆL)(Lâ€²âˆˆLâ€²)]PF6 by Selective Substitution of the Ligand Trans to the Ruthenated Phenyl Ring. Organometallics, 2013, 32, 5092-5097.	1.1	17
28	Cyclometalated Ruthenium(II) Complex as a Versatile Catalyst for Living/Controlled Radical Polymerization of Hydrophobic and Hydrophilic Monomers. Macromolecular Symposia, 2013, 325-326, 10-20.	0.4	2
29	TAML Activator-Based Amperometric Analytical Devices as Alternatives to Peroxidase Biosensors. Analytical Chemistry, 2012, 84, 9096-9100.	3.2	19
30	Light-Driven Living/Controlled Radical Polymerization of Hydrophobic Monomers Catalyzed by Ruthenium(II) Metalacycles. Macromolecules, 2012, 45, 8135-8146.	2.2	83
31	Facile synthesis of heterobimetallic compounds from the cyclopentadienyl-ruthenium moiety and group 10 POCOP pincer complexes. Journal of Organometallic Chemistry, 2012, 716, 103-109.	0.8	29
32	Hybridization vs. Bond Stretching Isomerism in Ru(II) Cyclometalated Complexes of 2-Phenylpyridine. Molecules, 2012, 17, 34-47.	1.7	3
33	Cyclometalated [Os(Câ€“N)x(Nâ€“N)3âˆ’x]m+ mimetics of tris(2,2â€²-bipyridine)osmium(ii): covering a 2 V potential range by known (x = 0, 1) and new (x = 2, 3) species (Câ€“N = o-2-phenylpyridinato). Chemical Communications, 2011, 47, 2823.	2.2	14
34	Homogeneous radical polymerization of 2â€hydroxyethyl methacrylate mediated by cyclometalated cationic Ruthenium(II) complexes with PF₆^{âˆ’} and Cl^{âˆ’} in protic media. Journal of Polymer Science Part A, 2011, 49, 4562-4577.	2.5	10
35	Uncoupling Charge Movement from Channel Opening in Voltage-gated Potassium Channels by Ruthenium Complexes. Journal of Biological Chemistry, 2011, 286, 16414-16425.	1.6	26
36	Cyclometalated ruthenium(II) complexes of benzo[h]quinoline (bzqH)[Ru(bzq)(NCMe)4]+, [Ru(bzq)(LL)(NCMe)2]+, and [Ru(bzq)(LL)2]+ (LL=bpy, phen). Inorganica Chimica Acta, 2010, 363, 567-573.	1.2	7

#	Article	IF	Citations
37	â€œLivingâ€•radical polymerization of styrene catalyzed by cyclometalated ruthenium(II) complexes bearing nonlabile ligands. Journal of Polymer Science Part A, 2009, 47, 3814-3828.	2.5	19
38	Di-Î¼2-chlorido-bis[chlorido(Î·6-hexamethylbenzene)ruthenium(II)]. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1369-m1369.	0.2	1
39	Di-Î¼2-bromido-bis[bromido(Î·6-1,2,4,5-tetramethylbenzene)ruthenium(II)]. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1684-m1684.	0.2	0
40	Cyclometalated 2â€phenylpyridine complex [Ru^{II}(oâ€C₆H₄â€py)(MeCN)₄]PF₆ as a tunable catalyst for living radical polymerization. Journal of Polymer Science Part A, 2008, 46, 4193-4204.	2.5	14
41	Denial of Tris(C,N-cyclometalated) Ruthenacycle: Nine-Membered Î·6-N,N-transor Î·2-N,N-cisRuIIChelates of 2,2â€²-Bis(2-pyridinyl)-1,1â€²-biphenyl. European Journal of Inorganic Chemistry, 2008, 2008, 4866-4869.	1.0	18
42	Easy Access to Bio-Inspired Osmium(II) Complexes through Electrophilic Intramolecular C(sp²)-H Bond Cyclometalation. Inorganic Chemistry, 2008, 47, 4988-4995.	1.9	22
43	Synthesis of Cycloruthenated Compounds as Potential Anticancer Agents. European Journal of Inorganic Chemistry, 2007, 2007, 3055-3066.	1.0	72
44	Application and Modification of Cyclometalated Ruthenium(II) Complex [Ru(o-C6H4-2-C5H4N)-(MeCN)4]PF6 for Atom Transfer Radical Polymerization. Macromolecular Symposia, 2006, 242, 25-33.	0.4	6
45	Ketone transfer hydrogenation reactions catalyzed by a phosphinite ruthenium PCP complex. Journal of Molecular Catalysis A, 2006, 247, 124-129.	4.8	49
46	Unusual phenomenon in the chemistry of orthometalated ruthenium (II) complexes. Inorganica Chimica Acta, 2006, 359, 883-887.	1.2	20
47	Bis-Ruthena(III)cycles [Ru(Câˆ©N)2(Nâˆ©N)]PF6 as Low-Potential Mediators for PQQ Alcohol Dehydrogenase (Câˆ©N = 2-phenylpyridinato or 4-(2-tolyl)pyridinato, Nâˆ©N = bpy or phen). European Journal of Inorganic Chemistry, 2006, 2006, 2735-2738.	1.0	39
48	Synthesis, Characterization, and Electrochemistry of Biorelevant Photosensitive Low-Potential Orthometalated Ruthenium Complexes. Inorganic Chemistry, 2005, 44, 1626-1634.	1.9	77
49	Redox Mediation and Photomechanical Oscillations Involving Photosensitive Cyclometalated Ru(II) Complexes, Glucose Oxidase, and Peroxidase. Analytical Chemistry, 2005, 77, 1132-1139.	3.2	32
50	Cyclometalated N,N-dimethylbenzylamine ruthenium(II) complexes [Ru(C6HR1R2R3-o-CH2NMe2)(bpy)(RCN)2]PF6 for bioapplications: synthesis, characterization, crystal structures, redox properties, and reactivity toward PQQ-dependent glucose dehydrogenase. Journal of Organometallic Chemistry, 2004, 689, 4820-4832.	0.8	59
51	Mass spectrometric studies of cyclopentanol derivatives in the reductive coupling ofÎ±,Î²-unsaturated ketones assisted by samarium diiodide. Rapid Communications in Mass Spectrometry, 2003, 17, 1699-1702.	0.7	5
52	Low-Potential Cyclometalated Osmium(II) Mediators of Glucose Oxidase. Inorganic Chemistry, 2003, 42, 6598-6600.	1.9	45
53	New Synthesis and New Bio-Application of Cyclometalated Ruthenium(II) Complexes for Fast Mediated Electron Transfer with Peroxidase and Glucose Oxidase. Inorganic Chemistry, 2001, 40, 6529-6532.	1.9	120
54	Cyclodimerization of Î±,Î²-Î±â€²,Î²â€²-unsaturated ketones promoted by samarium diiodide. Complete assignment of the1H and13C NMR spectra of hydroxycyclopentylpropenone derivatives. Magnetic Resonance in Chemistry, 2001, 39, 215-218.	1.1	1

#	Article	IF	Citations
55	STIBINE-MODIFIED WILKINSON'S CATALYST AND Co2(CO)8 CATALYST: HYDROFORMYLATION OF 1-PENTENE. Main Group Metal Chemistry, 1999, 22, .	0.6	5
56	Cyclo- and hydrodimerization of Î±,Î²-unsaturated ketones promoted by samarium diiodide. Journal of the Chemical Society Perkin Transactions 1, 1998, , 3609-3618.	0.9	35
57	Hydrodimerization of Cyclic Î±, Î² Unsaturated Ketones Promoted by Samarium Iodide. Synthetic Communications, 1998, 28, 1103-1108.	1.1	13
58	CRYSTAL STRUCTURES OF TRI(O-TOLYL)STIBINE IN TWO CRYSTAL FORMS. Main Group Metal Chemistry, 1998, 21, .	0.6	9
59	1H and 13C 2D NMR Studies on Substituted .DELTA.3-Pyrrolin 2-ones.. Analytical Sciences, 1998, 14, 585-588.	0.8	1
60	Dehydrogenative Coupling of Alkyl or Arylsilanes Catalyzed by Ti(O-i-Pr)4.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1996, 1996, 1067-1068.	0.1	2
61	The hemilabile behaviour of alkyl diphenylphosphinoacetate ligands promoting the reversible coordination of small molecules on (Î·6-arene)ruthenium(II) centres. Journal of Organometallic Chemistry, 1994, 471, 229-239.	0.8	25
62	Macroscopic non-linearities of some stilbazolium derivatives and the calculatium derivatives and the calculation of their molecular hyperpolarisability. Advanced Materials for Optics and Electronics, 1994, 4, 293-301.	0.5	15
63	(C5Me5)Ru-vinylidene complexes from terminal alkynes and propargyl alcohol derivatives. Organometallics, 1994, 13, 5030-5039.	1.1	103
64	Chelating and Hemilabile Properties of .beta.- and .gamma.-Keto Phosphines: (.eta.6-Arene)ruthenium(II) Derivatives from .gamma.-Keto Phosphines, Synthesis and Reactivity of Bis(.eta.2-keto) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 277 Td (ph	1.1	27
65	Synthesis and mesomorphism of stilbazole complexes of rhodium(I) and iridium(I). Journal of Materials Chemistry, 1991, 1, 251.	6.7	47