

Lluís Escriche Martínez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8407984/publications.pdf>

Version: 2024-02-01

77
papers

2,325
citations

257450

24
h-index

223800

46
g-index

81
all docs

81
docs citations

81
times ranked

2460
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the light-driven hydrogen evolution reaction of mesoporous graphitic carbon nitride decorated with Pt or Ru nanoparticles. Dalton Transactions, 2022, 51, 731-740.	3.3	3
2	Ruthenium nanoparticles supported on carbon-based nanoallotropes as co-catalyst to enhance the photocatalytic hydrogen evolution activity of carbon nitride. Renewable Energy, 2021, 168, 668-675.	8.9	11
3	A molecular approach to the synthesis of platinum-decorated mesoporous graphitic carbon nitride as selective CO ₂ reduction photocatalyst. Journal of CO ₂ Utilization, 2021, 50, 101574.	6.8	13
4	Synthesis of 0D to 3D hybrid-carbon nanomaterials carrying platinum(0) nanoparticles: Towards the electrocatalytic determination of methylparabens at ultra-trace levels. Sensors and Actuators B: Chemical, 2020, 305, 127467.	7.8	10
5	Mononuclear ruthenium compounds bearing N-donor and N-heterocyclic carbene ligands: structure and oxidative catalysis. Dalton Transactions, 2017, 46, 2829-2843.	3.3	6
6	Dissimilar catalytic behavior of molecular or colloidal palladium systems with a new NHC ligand. Dalton Transactions, 2017, 46, 11768-11778.	3.3	9
7	Ru ^{II} -bis(pyridine)pyrazolate (bpp)-Based Water Oxidation Catalysts Anchored on TiO ₂ : The Importance of the Nature and Position of the Anchoring Group. Chemistry - A European Journal, 2016, 22, 5261-5268.	3.3	22
8	Synthesis and Isomeric Analysis of Ru ^{II} Complexes Bearing Pentadentate Scaffolds. Inorganic Chemistry, 2016, 55, 11216-11229.	4.0	17
9	Powerful Bis-facially Pyrazolate-Bridged Dinuclear Ruthenium Epoxidation Catalyst. Inorganic Chemistry, 2015, 54, 6782-6791.	4.0	11
10	Chemical, electrochemical and photochemical molecular water oxidation catalysts. Journal of Photochemistry and Photobiology B: Biology, 2015, 152, 71-81.	3.8	13
11	Molecular Water Oxidation Mechanisms Followed by Transition Metals: State of the Art. Accounts of Chemical Research, 2014, 47, 504-516.	15.6	276
12	Characterization and performance of electrostatically adsorbed Ru ^{II} -Hbpp water oxidation catalysts. Catalysis Science and Technology, 2014, 4, 190-199.	4.1	9
13	Synthesis, Characterization, and Linkage Isomerism in Mononuclear Ruthenium Complexes Containing the New Pyrazolate-Based Ligand Hpbl. Inorganic Chemistry, 2014, 53, 8025-8035.	4.0	8
14	Dinuclear Ruthenium Complexes Containing the Hpbl Ligand: Synthesis, Characterization, Linkage Isomerism, and Epoxidation Catalysis. Inorganic Chemistry, 2014, 53, 10394-10402.	4.0	10
15	Dinuclear ruthenium complexes containing a new ditopic phthalazin-bis(triazole) ligand that promotes metal-metal interactions. New Journal of Chemistry, 2014, 38, 1980-1987.	2.8	17
16	Water Oxidation. , 2013, , 505-523.		3
17	Transition-Metal Complexes Containing the Dinucleating Tetra ^N -Dentate 3,5-Bis(2-pyridyl)pyrazole (Hbpp) Ligand - A Robust Scaffold for Multiple Applications Including the Catalytic Oxidation of Water to Molecular Oxygen. European Journal of Inorganic Chemistry, 2012, 2012, 4775-4789.	2.0	27
18	Synthesis, Structure, and Reactivity of New Tetranuclear Ru-Hbpp-Based Water-Oxidation Catalysts. Inorganic Chemistry, 2011, 50, 2771-2781.	4.0	61

#	ARTICLE	IF	CITATIONS
19	A Ru ^{II} -Based Water Oxidation Catalyst Anchored on Rutile TiO ₂ . <i>ChemSusChem</i> , 2009, 2, 321-329.	6.8	40
20	Molecular Catalysts that Oxidize Water to Dioxygen. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2842-2852.	13.8	400
21	New chemosensors based on thiomacrocyclic-containing coumarin-343 fluoroionophore: X-ray structures and previous results on the effect of cation binding on the photophysical properties. <i>Inorganic Chemistry Communication</i> , 2009, 12, 1128-1134.	3.9	8
22	Ru Complexes That Can Catalytically Oxidize Water to Molecular Dioxygen. <i>Inorganic Chemistry</i> , 2008, 47, 1824-1834.	4.0	139
23	Structural and EPR Studies on Single-Crystal and Polycrystalline Samples of Copper(II) and Cobalt(II) Complexes with N ₂ S ₂ -Based Macrocyclic Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 5665-5672.	4.0	21
24	Exploring the Interaction of Mercury(II) by N ₂ S ₂ and NS ₃ Anthracene-Containing Macrocyclic Ligands: Photophysical, Analytical, and Structural Studies. <i>Inorganic Chemistry</i> , 2007, 46, 7818-7826.	4.0	47
25	Exploring the Interaction of Anthracene-Containing Macrocyclic Chemosensors with Silver(I) and Cadmium(II) Ions: Photophysical and Structural Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1809-1814.	1.2	11
26	Nanostructuring of Langmuir-Blodgett Films Containing a Novel Thiomacrocyclic Ionophore on Si ₃ N ₄ /SiO ₂ /Si for Copper Ion Recognition. <i>Analytical Letters</i> , 2006, 39, 1709-1720.	1.8	6
27	Color Tuning of a Nickel Complex with a Novel N ₂ S ₂ Pyridine-Containing Macrocyclic Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 1140-1149.	4.0	37
28	Structural and Magnetic Properties of a Complete Halide Series of Ni(II) Complexes with a Pyridine-Containing 14-Membered Macrocyclic. <i>Inorganic Chemistry</i> , 2006, 45, 7621-7627.	4.0	23
29	New membrane for copper-selective electrode incorporating a new thiophosphoril-containing macrocycle as neutral carrier. <i>Materials Science and Engineering C</i> , 2006, 26, 394-398.	7.3	23
30	New phosphathiamacrocyclics containing polypyridine units. <i>Polyhedron</i> , 2006, 25, 801-808.	2.2	8
31	Characterization of Langmuir and Langmuir-Blodgett films of a thiomacrocyclic ionophore by surface pressure and AFM. <i>Journal of Colloid and Interface Science</i> , 2006, 301, 585-593.	9.4	9
32	Novel all-solid-state copper(II) microelectrode based on a dithiomacrocyclic as a neutral carrier. <i>Electrochimica Acta</i> , 2006, 51, 5070-5074.	5.2	28
33	Synthesis, Complexation and Spectrofluorometric Studies of a New NS ₃ Anthracene-Containing Macrocyclic Ligand. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2997-3004.	2.0	50
34	Complexes of Cu(II) with mixed-donor phenanthroline-containing macrocycles: analysis of their structural, redox and spectral properties in the context of Type-1 blue copper proteins biomimetic models. <i>Inorganica Chimica Acta</i> , 2005, 358, 2403-2412.	2.4	16
35	New Fluorescence PET Systems Based on N ₂ S ₂ Pyridine-Anthracene-Containing Macrocyclic Ligands. Spectrophotometric, Spectrofluorimetric, and Metal Ion Binding Studies. <i>Inorganic Chemistry</i> , 2005, 44, 8105-8115.	4.0	65
36	Synthesis, Characterisation and Reactivity towards Pd(II) and Pt(II) of ortho-, meta- and para-Xylyl-Based Phosphorus-Containing Macrocyclics. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 3258-3263.	2.0	5

#	ARTICLE	IF	CITATIONS
37	Coordination of silver(I) at the surface of carbon paste electrodes modified with 2,5,8-trithia[9]-m-cyclophane as studied by cyclic voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 1999, 475, 73-81.	3.8	8
38	Mixed azacrown crowns containing the 1,10-phenanthroline sub-unit. Substitution reactions in [NiL(MeCN)](BF ₄) ₂ {L=2,5,8-trithia[9](2,9)-1,10-phenanthroline}. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1085-1092.		33
39	Poly(vinyl) chloride membrane caesium-selective electrodes based on doubly crowned 1,3-calix[4]arenes. <i>Analytica Chimica Acta</i> , 1998, 371, 155-162.	5.4	45
40	Ruthenium(II) Complexes with NS ₂ Pyridine-Based Dithia-Containing Ligands. Proposed Possible Structural Isomers and X-ray Confirmation of Their Existence. <i>Inorganic Chemistry</i> , 1998, 37, 701-707.	4.0	24
41	Synthesis and Reactivity of Nickel(II) Complexes of the Pyridine-Based Phosphorus-Containing Macrocycle 6-Phenyl-15-aza-6-phospha-3,9-dithiabicyclo[9,3,1]pentadeca-1(15),11,13-triene. <i>Inorganic Chemistry</i> , 1998, 37, 4807-4813.	4.0	5
42	Synthesis, Characterization, and Reactivity toward Nickel(II) of the New Saturated 14-Membered P ₂ S ₂ Macrocyclic cis- and trans-1,8-Diphenyl-1,8-diphospha-4,12-dithia- cyclotetradecane. <i>Inorganic Chemistry</i> , 1997, 36, 947-949.	4.0	10
43	A new pyridine-based phosphorus-containing macrocycle. Crystal structure of [Co(Lox) ₂][CoCl ₃ (Lox) ₂] (Lox=6-phenyl-6-oxo-15-aza-6-phospha-3,9-dithiabicyclo [9,3,1]pentadeca-1 (15), 11,) <i>Tj EPQ1 1 0.784314</i>	1.0	1
44	Perchlorate-selective MEMFETs and ISEs based on a new phosphadithiamacrocycle. <i>Sensors and Actuators B: Chemical</i> , 1997, 43, 206-210.	7.8	22
45	6-Oxo-6-phenyl-6-phospha-3,9-dithiabicyclo[9.4.0]pentadeca-1(11),12,14-triene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 126-128.	0.4	1
46	Application of a new phosphadithiamacrocycle to ClO ₄ ⁻ -selective CHEMFET and ion-selective electrode devices. <i>Analytica Chimica Acta</i> , 1996, 320, 63-68.	5.4	44
47	Silver(I), mercury(II) and copper(I) complexes of acyclic and macrocyclic dithioether, metaxylyl based ligands. <i>Polyhedron</i> , 1996, 15, 2057-2065.	2.2	24
48	Synthesis and characterization of cyclopalladated and non-cyclopalladated complexes of ligands containing the 1,3-bis(thiomethyl)benzene unit. <i>Polyhedron</i> , 1996, 15, 3009-3018.	2.2	22
49	Synthesis and molecular dynamics studies of the new ditopic para-xylyl containing macrocycle 2,5,8,17,20,23-hexathia[9,9]-p-cyclophane(p-S6). X-ray crystal structure of the dicopper(I) complex	2.2	6
50	Silver-selective electrodes based on supported liquid membranes. <i>Advanced Materials</i> , 1995, 7, 238-243.	21.0	35
51	Synthesis and crystal structure of bis[(7,9-diaza-3,14-dithiatetracyclo[15,4,0,0,4,5,0,13,14]nonacosa-1(17),18,20,4(22),23,25,13(26),27,29-nonaene)]chlorocopper(II) tetrachlorodocuprate(I) bismethanol. Atypical non-planar conformation of the [Cu ₂ Cl ₄] ²⁻ anion. <i>Polyhedron</i> , 1995, 14, 649-654.	2.2	12
52	2,6-Bis(p-nitrophenylthiomethyl)pyridine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 1284-1286.	0.4	4
53	[2,6-Bis(2-pyrimidinylthiomethyl)pyridine]dichlorocopper(II) methanol solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 1062-1064.	0.4	3
54	(Nitrato- η^1 O)(triphenylphosphine- η^3 P){3,6,9-trithiabicyclo[9.4.0]pentadeca-1(11),12,14-triene- η^3 S ₃ ,6,9}mercury(II) nitrate hydrate hemimethanol solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 1249-1252.	0.4	1

#	ARTICLE	IF	CITATIONS
55	6-Oxa-3,9-dithiabicyclo[9.4.0]pentadeca-1(11),12,14-triene. Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 2047-2049.	0.4	1
56	Diethyl 2,2'-[1,3-phenylenebis(methylthio)]dibenzoate. Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 2049-2051.	0.4	1
57	New trithia- and dithioxa-macrocycles with biphenyl fused into the backbone: structures, and molecular modelling studies. Journal of the Chemical Society Perkin Transactions II, 1994, , 1309-1316.	0.9	8
58	Simple sensor molecules for detection of silver(I) based on monothioethers. Journal of the Chemical Society Chemical Communications, 1994, , 963-964.	2.0	31
59	Crystal structure of 2,5,8-trithia[9]-o-benzenophane, C ₁₂ H ₁₆ S ₃ . Zeitschrift Fur Kristallographie - Crystalline Materials, 1994, 209, 560-561.	0.8	1
60	Co-ordination of the crown thioether 2,5,8-trithia[9]-o-benzenophane (L1). Synthesis and crystal structures of [CuL1(Cl)] and [NiL12][BF4]2. Journal of the Chemical Society Dalton Transactions, 1993, , 2969-2974.	1.1	11
61	Conformation and selectivity towards silver of thiocrown ethers based on Xylyl subunits. Journal of the Chemical Society Dalton Transactions, 1992, , 2889-2897.	1.1	23
62	Palladium-promoted benzothiophene condensation in NS ₂ ligands. Journal of the Chemical Society Chemical Communications, 1992, .	2.0	14
63	Silver(I) ion-selective electrodes based on polythiamacrocycles. Journal of the Chemical Society Dalton Transactions, 1991, , 1969-1971.	1.1	58
64	Macrocycles incorporating sulfur and nido-carborane cages: reactivity toward nickel(II) and palladium(II). Molecular structures of Pd{7,8- μ -(S(CH ₂ CH ₂ OCH ₂ CH ₂ OCH ₂ CH ₂ OCH ₂ CH ₂)S)C ₂ B ₉ H ₁₀ } ₂ and Pd{P(C ₆ H ₅) ₃ }Cl{7,8- μ -(SCH ₂ CH ₂ S)C ₂ B ₉ H ₁₀ }. Inorganic Chemistry, 1991, 30, 3053-3058.	4.0	38
65	Comparative study of NS ₂ ligands, S-alkyl vs S-aryl. Molecular structure of [2,6-bis(((2-(methoxycarbonyl)phenyl)thio)methyl)pyridine]dichlorocopper(II). Inorganic Chemistry, 1991, 30, 4931-4935.	4.0	28
66	Pyridine-based macrocycles containing N, O, and S and their use as ion-selective electrodes. Crystal structures of 15-aza-6-oxa-3,9-dithiabicyclo[9.3.1]pentadeca-1(15),11,13-triene and (15-aza-6-oxa-3,9-dithiabicyclo[9.3.1]pentadeca-1(15),11,13-triene)dichlorocopper(II). Inorganic Chemistry, 1991, 30, 1893-1898.	4.0	52
67	Silver(I) Ion Selective Electrode Based on Dithlamacrocycles. Chemistry Letters, 1990, 19, 1107-1108.	1.3	22
68	exo-Dithio and monothio carborane derivatives: a mechanism for their partial degradation. Molecular structure of tetramethylammonium 7,8-(3- μ ,6- μ ,9- μ -trioxaundecane-1- μ), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td(1 1- μ -dit		
69	Reactivity of the anion 7,8-(ethane-1- μ ,2- μ -dithiolato-SS- μ)-nido-undecaborate. Molecular structure of [7,8-(ethane-1- μ ,2- μ -dithiolato-SS- μ)-dicarba-nido-undecaborate]bis(triphenylphosphine)rhodium(I). Inorganica Chimica Acta, 1990, 176, 61-65.	2.4	19
70	An unusual β^2 -diketone coordination mode. Crystal structure of bis(1,3-bis(2-hydroxyphenyl)-1,3-propanedione)tetrakispyridine dimanganese(III). Inorganica Chimica Acta, 1990, 178, 221-226.	2.4	8
71	Closely related macrocyclic and acyclic tridentate, pyridine derivatives, containing sulphur, and their complexes. Crystal structures of {dichloro-3,10-dithia-16-azabicyclo[10.3.1]hexadeca-1(16),12,14-triene}copper(II) and [2,6-bis(ethylthiomethyl)pyridine]dichlorocopper(II). Journal of the Chemical Society Dalton	1.1	19
72	Complexes of the pyridine-based, tridentate, sulphur-containing ligands 2,6-bis(ethylthiomethyl)pyridine, 2,6-bis(methoxycarbonylthiomethyl)pyridine, and 2,6-bis(benzylthiomethyl)pyridine. Crystal structure of [2,6-bis(ethylthiomethyl)pyridine]dichlorocadmium(II) hydrate. Journal of the Chemical Society Dalton Transactions, 1989, , 1381-1384.	1.1	15

#	ARTICLE	IF	CITATIONS
73	Metal complexes with polydentate sulfur-containing ligands. Crystal structure of (2,6-bis((ethylthio)methyl)pyridine)dibromozinc(II). <i>Inorganic Chemistry</i> , 1986, 25, 4060-4062.	4.0	33
74	Transition metal complexes of the schiff base derivatives of the ligand 1,8-dihydroxy-3,6-dimethyl-2-acetylnaphthalene. <i>Polyhedron</i> , 1985, 4, 97-101.	2.2	7
75	Transition metal complexes with 1,3-bis-(2-hydroxyphenyl)-1,3-propanedione. <i>Polyhedron</i> , 1985, 4, 215-219.	2.2	12
76	Novel synthesis of a potentially trinucleating ligand: 1,3-bis-(2-hydroxyphenyl)-1,3-propanedione. <i>Polyhedron</i> , 1984, 3, 1017-1019.	2.2	8
77	Nanocharacterization of a novel copper-membrane and functionalized insulator-semiconductor by atomic force microscopy. , 0, , .		4