Baltazar de Castro

List of Publications by Year
in descending order

187	6,188	53660 45	106150 65
papers	citations	h-index	g-index

188	188	188	5954
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lindqvist versus Keggin-Type Polyoxometalates as Catalysts for Effective Desulfurization of Fuels. Catalysts, 2022, 12, 581.	1.6	9
2	Synergistic combination of the nanoporous system of MOF-808 with a polyoxomolybdate to design an effective catalyst: simultaneous oxidative desulfurization and denitrogenation processes. Sustainable Energy and Fuels, 2021, 5, 4032-4040.	2.5	11
3	Straightforward activation of metal-organic framework UiO-66 for oxidative desulfurization processes. Catalysis Today, 2021, 362, 28-34.	2.2	34
4	Multidimensional Ln-Aminophthalate Photoluminescent Coordination Polymers. Materials, 2021, 14, 1786.	1.3	1
5	A simple desulfurization process to achieve high efficiency, sustainability and cost-effectivity via peroxotungstate catalyst. Molecular Catalysis, 2021, 505, 111515.	1.0	11
6	Removing Simultaneously Sulfur and Nitrogen from Fuel under a Sustainable Oxidative Catalytic System. Sustainable Chemistry, 2021, 2, 382-391.	2.2	8
7	Large-pore silica spheres as support for samarium-coordinated undecamolybdophosphate: Oxidative desulfurization of diesels. Fuel, 2020, 259, 116213.	3.4	37
8	A sustainable peroxophosphomolybdate/H2O2 system for the oxidative removal of organosulfur compounds from simulated and real high-sulfur diesels. Applied Catalysis A: General, 2020, 589, 117154.	2.2	19
9	Biomimetic Oxidation of Benzofurans with Hydrogen Peroxide Catalyzed by Mn(III) Porphyrins. Catalysts, 2020, 10, 62.	1.6	7
10	An Effective Hybrid Heterogeneous Catalyst to Desulfurize Diesel: Peroxotungstate@Metalâ€“Organic Framework. Molecules, 2020, 25, 5494.	1.7	17
11	Solvent-Free Desulfurization System to Produce Low-Sulfur Diesel Using Hybrid Monovacant Keggin-Type Catalyst. Molecules, 2020, 25, 4961.	1.7	4
12	From Discrete Complexes to Metalâ€“Organic Layered Materials: Remarkable Hydrogen Bonding Frameworks. Molecules, 2020, 25, 1353.	1.7	2
13	Polyoxometalate@Periodic mesoporous organosilicas as active materials for oxidative desulfurization of diesels. Microporous and Mesoporous Materials, 2020, 302, 110193.	2.2	15
14	Polyoxometalates-Based Nanocatalysts and Their Efficiency for Production of Sulfur-Free Diesel. Advances in Chemical and Materials Engineering Book Series, 2020, , 92-133.	0.2	0
15	EPR spin trapping studies of H2O2 activation in metaloporphyrin catalyzed oxygenation reactions: Insights on the biomimetic mechanism. Molecular Catalysis, 2019, 475, 110500.	1.0	7
16	Mesoporous Silica vs. Organosilica Composites to Desulfurize Diesel. Frontiers in Chemistry, 2019, 7, 756.	1.8	7
17	New hydrophilic 3-hydroxy-4-pyridinone chelators with ether-derived substituents: Synthesis and evaluation of analytical performance in the determination of iron in waters. Polyhedron, 2019, 160, 145-156.	1.0	11
18	Effective Zinc-Substituted Keggin Composite To Catalyze the Removal of Sulfur from Real Diesels under a Solvent-Free System. Industrial & Engineering Chemistry Research, 2019, 58, 18540-18549.	1.8	12

#	Article	IF	Citations
19	Influence of UiO-66(Zr) Preparation Strategies in Its Catalytic Efficiency for Desulfurization Process. Materials, 2019, 12, 3009.	1.3	25
20	Antibacterial activity of naphthyl derived bis-(3-hydroxy-4-pyridinonate) copper(II) complexes against multidrug-resistant bacteria. Journal of Inorganic Biochemistry, 2019, 197, 110704.	1.5	20
21	Deep oxidative desulfurization of diesel fuels using homogeneous and SBA-15-supported peroxophosphotungstate catalysts. Fuel, 2019, 241, 616-624.	3.4	100
22	Oxidative desulfurization strategies using Keggin-type polyoxometalate catalysts: Biphasic versus solvent-free systems. Catalysis Today, 2019, 333, 226-236.	2.2	53
23	Synthesis and coordination studies of 5-(4â€²-carboxyphenyl)-10,15,20-tris(pentafluorophenyl)porphyrin and its pyrrolidine-fused chlorin derivative. New Journal of Chemistry, 2018, 42, 8169-8179.	1.4	14
24	Study of the effect of thiourea and N-ethyl groups on antibacterial activity of rhodamine-labeled 3,4-HPO iron chelators against Gram (+/â˜) bacteria. Medicinal Chemistry Research, 2018, 27, 1472-1477.	1.1	4
25	Efficient heterogeneous polyoxometalate-hybrid catalysts for the oxidative desulfurization of fuels. Catalysis Communications, 2018, 104, 1-8.	1.6	67
26	Efficient Oxidative Desulfurization Processes Using Polyoxomolybdate Based Catalysts. Energies, 2018, 11, 1696.	1.6	29
27	Improving the Catalytic Performance of Keggin [PW12O40]3â˜ for Oxidative Desulfurization: Ionic Liquids versus SBA-15 Composite. Materials, 2018, 11, 1196.	1.3	36
28	Synthesis and characterization of two fluorescent isophthalate rosamines: From solution to immobilization in solid substrates. Dyes and Pigments, 2018, 157, 405-414.	2.0	3
29	Insights on the relationship between structure vs. toxicological activity of antibacterial rhodamine-labelled 3-hydroxy-4-pyridinone iron(III) chelators in HepG2 cells. Interdisciplinary Toxicology, 2018, 11, 189-199.	1.0	2
30	1,3-Dipolar cycloadditions with meso-tetraarylchlorins â€“ site selectivity and mixed bisadducts. Organic Chemistry Frontiers, 2017, 4, 534-544.	2.3	13
31	Efficient eco-sustainable ionic liquid-polyoxometalate desulfurization processes for model and real diesel. Applied Catalysis A: General, 2017, 537, 93-99.	2.2	41
32	Sustainable Desulfurization Processes Catalyzed by Titanium-Polyoxometalate@TM-SBA-15. Topics in Catalysis, 2017, 60, 1140-1150.	1.3	25
33	Improved catalytic performance of porous metalâ€“organic frameworks for the ring opening of styrene oxide. CrystEngComm, 2017, 19, 4219-4226.	1.3	19
34	Desulfurization process conciliating heterogeneous oxidation and liquid extraction: Organic solvent or centrifugation/water?. Applied Catalysis A: General, 2017, 542, 359-367.	2.2	37
35	Catalytic performance and electrochemical behaviour of Metalâ€“organic frameworks: MIL-101(Fe) versus NH2-MIL-101(Fe). Polyhedron, 2017, 127, 464-470.	1.0	82
36	A novel red emitting material based on polyoxometalate@periodic mesoporous organosilica. Microporous and Mesoporous Materials, 2016, 234, 248-256.	2.2	21

#	Article	IF	Citations
37	Zincâ€Substituted Polyoxotungstate@aminoâ€MILâ€101(Al) â€“ An Efficient Catalyst for the Sustainable Desulfurization of Model and Real Diesels. European Journal of Inorganic Chemistry, 2016, 2016, 5114-5122.	1.0	46
38	Design of a Water Soluble Fluorescent 3-Hydroxy-4-Pyridinone Ligand Active at Physiological pH Values. Journal of Fluorescence, 2016, 26, 1773-1785.	1.3	3
39	NMR study of the interaction of fluorescent 3-hydroxy-4-pyridinone chelators with DMPC liposomes. Physical Chemistry Chemical Physics, 2016, 18, 5027-5033.	1.3	9
40	Catalytic oxidative/extractive desulfurization of model and untreated diesel using hybrid based zinc-substituted polyoxometalates. Fuel, 2016, 166, 268-275.	3.4	106
41	Polyoxometalates-Based Nanocatalysts for Production of Sulfur-Free Diesel. Advances in Chemical and Materials Engineering Book Series, 2016, , 426-458.	0.2	1
42	The Influence of the Amide Linkage in the Fe^{III}â€Binding Properties of Catecholâ€Modified Rosamine Derivatives. Chemistry - A European Journal, 2015, 21, 15692-15704.	1.7	8
43	Isoxazolidine-fused meso-tetraarylchlorins as key tools for the synthesis of mono- and bis-annulated chlorins. Organic and Biomolecular Chemistry, 2015, 13, 7131-7135.	1.5	23
44	Production of ultra-deep sulfur-free diesels using a sustainable catalytic system based on UiO-66(Zr). Chemical Communications, 2015, 51, 13818-13821.	2.2	107
45	Desulfurization of model diesel by extraction/oxidation using a zinc-substituted polyoxometalate as catalyst under homogeneous and heterogeneous (MIL-101(Cr) encapsulated) conditions. Fuel Processing Technology, 2015, 131, 78-86.	3.7	125
46	Synthesis and spectroscopic characterization of a new tripodal hexadentate iron chelator incorporating catechol units. Polyhedron, 2015, 87, 1-7.	1.0	6
47	EPR and XANES studies of anaerobic photolysis of iso-propilpyridinecobaloxime: Elucidation of the reactivity of the Co(II) primary product. Journal of Organometallic Chemistry, 2014, 760, 11-18.	0.8	2
48	An efficient eco-sustainable oxidative desulfurization process using Î¼-oxo-bridged Fe(III) complex of meso-tetrakis(pentafluorophenyl)porphyrin. Applied Catalysis A: General, 2014, 478, 267-274.	2.2	33
49	The influence of 1-alkyl-3-methyl imidazolium ionic liquids on a series of cobalt-1,4-benzenedicarboxylate metalâ€“organic frameworks. CrystEngComm, 2014, 16, 10649-10657.	1.3	28
50	Oxidative catalytic versatility of a trivacant polyoxotungstate incorporated into MIL-101(Cr). Catalysis Science and Technology, 2014, 4, 1416.	2.1	79
51	Synthesis, characterization and antibacterial studies of a copper(II) lomefloxacin ternary complex. Journal of Inorganic Biochemistry, 2014, 131, 21-29.	1.5	40
52	Fluoroquinoloneâ€“metal complexes: A route to counteract bacterial resistance?. Journal of Inorganic Biochemistry, 2014, 138, 129-143.	1.5	51
53	Phosphotungstates as catalysts for monoterpenes oxidation: Homo- and heterogeneous performance. Catalysis Today, 2013, 203, 95-102.	2.2	52
54	Redox behaviour, electrochromic properties and photoluminescence of potassium lanthano phosphomolybdate sandwich-type compounds. RSC Advances, 2013, 3, 16697.	1.7	9

#	Article	IF	Citations
55	Discrimination of fluorescence light-up effects induced by pH and metal ion chelation on a spirocyclic derivative of rhodamine B. Dalton Transactions, 2013, 42, 6110.	1.6	30
56	Lanthanopolyoxometalates: From the structure of polyanions to the design of functional materials. Polyhedron, 2013, 52, 10-24.	1.0	43
57	Novel Mn(II)-Based Metalâ€“Organic Frameworks Isolated in Ionic Liquids. Crystal Growth and Design, 2013, 13, 1260-1266.	1.4	54
58	Catalytic performance of a boron peroxotungstate complex under homogeneous and heterogeneous conditions. Catalysis Today, 2013, 203, 87-94.	2.2	15
59	Insights into the electrochemical behaviour of composite materials: Monovacant polyoxometalates @ porous metal-organic framework. Electrochimica Acta, 2013, 87, 853-859.	2.6	32
60	Monovacant polyoxometalates incorporated into MIL-101(Cr): novel heterogeneous catalysts for liquid phase oxidation. Applied Catalysis A: General, 2013, 453, 316-326.	2.2	103
61	Manganese Mono-Substituted Borotungstate: Characterization and Catalytic Application. Materials Science Forum, 2012, 730-732, 975-980.	0.3	0
62	Microwaveâ€Assisted Synthesis and Spectroscopic Properties of 4â€²â€Substituted Rosamine Fluorophores and Naphthyl Analogues. European Journal of Organic Chemistry, 2012, 2012, 5810-5817.	1.2	31
63	Synthesis, characterization and antibacterial studies of a copper(II) levofloxacin ternary complex. Journal of Inorganic Biochemistry, 2012, 110, 64-71.	1.5	82
64	Use of a porphyrin platform and 3,4-HPO chelating units to synthesize ligands with N4 and O4 coordination sites. Tetrahedron, 2011, 67, 7821-7828.	1.0	12
65	Nickel(II) and Cobalt(II) 3-Hydroxy-4-pyridinone Complexes: Synthesis, Characterization and Speciation Studies in Aqueous Solution. European Journal of Inorganic Chemistry, 2011, 2011, 131-140.	1.0	25
66	Novel tetradentate chelators derived from 3-hydroxy-4-pyridinone units: synthesis, characterization and aqueous solution properties. Tetrahedron, 2011, 67, 4009-4016.	1.0	16
67	Synthesis of gold nanocubes in aqueous solution with remarkable shape-selectivity. Journal of Porphyrins and Phthalocyanines, 2011, 15, 441-448.	0.4	7
68	Identification of a new hexadentate iron chelator capable of restricting the intramacrophagic growth of Mycobacterium avium. Microbes and Infection, 2010, 12, 287-294.	1.0	40
69	Microwave-assisted synthesis of 3-hydroxy-4-pyridinone/naphthalene conjugates. Structural characterization and selection of a fluorescent ion sensor. Tetrahedron, 2010, 66, 8544-8550.	1.0	23
70	One-pot synthesis of triangular gold nanoplates allowing broad and fine tuning of edge length. Nanoscale, 2010, 2, 2209.	2.8	73
71	Microwave-Enhanced Synthesis of Novel Pyridinone-Fused Porphyrins. Synlett, 2009, 2009, 1009-1013.	1.0	5
72	Novel 3-hydroxy-4-pyridinonato oxidovanadium(IV) complexes to investigate structure/activity relationships. Journal of Inorganic Biochemistry, 2009, 103, 496-502.	1.5	30

#	Article	IF	Citations
73	A Fluorescent and Phosphorescent Nanoporous Solid: Crystalline Calix[4]arene. Journal of Fluorescence, 2008, 18, 1123-1129.	1.3	10
74	Benzodiazepine-Mediated Structural Changes in the Multidrug Transporter P-Glycoprotein: An Intrinsic Fluorescence Quenching Analysis. Journal of Membrane Biology, 2008, 223, 117-125.	1.0	4
75	Synthesis, spectroscopic, electrochemical and structural characterization of Cu(II) complexes with asymmetric NNâ€²OS coordination spheres. Polyhedron, 2008, 27, 335-343.	1.0	10
76	Flurazepam inhibits the P-glycoprotein transport function: An insight to revert multidrug-resistance phenotype. European Journal of Pharmacology, 2008, 581, 30-36.	1.7	10
77	Modular Functional Integration of a Two-Input INH Logic Gate with a Fluorophoreâ^'Spacerâ^'Receptor₁â^'Spacerâ^'Receptor₂Conjugate. Journal of Organic Chemistry, 2008, 73, 6079-6085.	1.7	40
78	EPR Study of the Photolysis of Methyl- and Adenosylcobinamides in the Presence of Phosphine and Pyridine Bases. Evidence for the Need of a Judicious Choice of Irradiation Temperature and Solvent to Assess Ligand Binding. Organometallics, 2008, 27, 2536-2543.	1.1	4
79	AFM and Electron Microscopy Study of the Unusual Aggregation Behavior of Metallosurfactants Based on Iron(II) Complexes with Bipyridine Ligands. Langmuir, 2007, 23, 7951-7957.	1.6	13
80	Sensitivity of P-glycoprotein tryptophan residues to benzodiazepines and ATP interaction. Biophysical Chemistry, 2007, 125, 143-150.	1.5	22
81	Organo-functionalized activated carbons as supports for the covalent attachment of a chiral manganese(III) salen complex. Carbon, 2007, 45, 1951-1964.	5.4	58
82	Solution studies on binary and ternary complexes of copper(II) with some fluoroquinolones and 1,10-phenanthroline: Antimicrobial activity of ternary metalloantibiotics. International Journal of Pharmaceutics, 2007, 334, 129-136.	2.6	33
83	Î²-Blockers and benzodiazepines location in SDS and bile salt micellar systems. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 62-69.	1.4	11
84	Anchoring of a [Mn(salen)Cl] complex onto mesoporous carbon xerogels. Journal of Colloid and Interface Science, 2007, 311, 152-158.	5.0	42
85	Acetato(N-phenylpyridine-2-carboxamidato-Îº²N,N)(N-phenylpyridine-2-carboxamide-Îº²< Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m293-m296.	0.4	4
86	Influence of structural factors on the enhanced activity of moxifloxacin: a fluorescence and EPR spectroscopic study. Analytical and Bioanalytical Chemistry, 2007, 387, 1543-1552.	1.9	19
87	A molecular tool kit for the variable design of logic operations (NOR, INH, EnNOR). Chemical Communications, 2006, , 2051.	2.2	70
88	Styrene oxidation by manganese Schiff base complexes in zeolite structures. Journal of Molecular Catalysis A, 2006, 258, 327-333.	4.8	80
89	Calix[4]azacrowns as Novel Molecular Scaffolds for the Generation of Visible and Near-Infrared Lanthanide Luminescence. Inorganic Chemistry, 2006, 45, 2652-2660.	1.9	60
90	Mn(III) salen complex immobilised into pillared clays by in situ and simultaneous pillaring/encapsulation procedures. Microporous and Mesoporous Materials, 2005, 86, 295-302.	2.2	30

#	Article	IF	Citations
91	Spectroelectrochemical characterisation of copper salen-based polymer-modified electrodes. Electrochimica Acta, 2005, 51, 304-314.	2.6	38
92	Interaction between quinolones antibiotics and bacterial outer membrane porin OmpF. Biophysical Chemistry, 2005, 113, 123-128.	1.5	42
93	Chiral manganese(III) Schiff base complexes anchored onto activated carbon as enantioselective heterogeneous catalysts for alkene epoxidation. Carbon, 2005, 43, 2096-2105.	5.4	67
94	Copper(II) acetylacetonate anchored onto an activated carbon as a heterogeneous catalyst for the aziridination of styrene. Catalysis Today, 2005, 102-103, 154-159.	2.2	47
95	Catalytic Properties of a MnIII-Salen Complex Immobilised in a Pillared Clay by Simultaneous Pillaring/Encapsulation Procedures. European Journal of Inorganic Chemistry, 2005, 2005, 837-844.	1.0	12
96	(Salen)nickel-Catalysed Epoxidations in the Homogeneous and Heterogeneous Phase: The Implications of Oxygen on the Efficiency and Product Selectivity. European Journal of Inorganic Chemistry, 2005, 2005, 4272-4279.	1.0	25
97	A method for functional mouse MDR3 P-glycoprotein reconstitution in Escherichia coli lipids. Analytical Biochemistry, 2005, 338, 350-353.	1.1	1
98	Styrene epoxidation catalysed by manganese(III) salen complex supported on activated carbons. Applied Catalysis A: General, 2005, 285, 110-118.	2.2	34
99	Photolysis Secondary Products of Cobaloximes and Imino/Oxime Compounds Controlled by Steric Hindrance Imposed by the Lewis Base. Organometallics, 2005, 24, 3500-3507.	1.1	9
100	Isolation and spectroscopic characterization of the membrane-bound nitrate reductase from Pseudomonas chlororaphis DSM 50135. Biochimica Et Biophysica Acta - General Subjects, 2005, 1723, 151-162.	1.1	13
101	Copper-containing nitrite reductase from Pseudomonas chlororaphis DSM 50135. Evidence for modulation of the rate of intramolecular electron transfer through nitrite binding to the type 2 copper center. FEBS Journal, 2004, 271, 2361-2369.	0.2	38
102	Anchoring of Copper(II) Acetylacetonate onto an Activated Carbon Functionalised with a Triamine. European Journal of Inorganic Chemistry, 2004, 2004, 2027-2035.	1.0	51
103	Manganese(III) salen complexes anchored onto activated carbon as heterogeneous catalysts for the epoxidation of olefins. Microporous and Mesoporous Materials, 2004, 68, 83-89.	2.2	81
104	Two azurins with unusual redox and spectroscopic properties isolated from the Pseudomonas chlororaphis strains DSM 50083T and DSM 50135. Journal of Inorganic Biochemistry, 2004, 98, 276-286.	1.5	10
105	Nickel(II) and copper(II) Schiff base complexes bearing benzo-15-crown-5 functionalities as probes for spectroscopic recognition of lanthanide ions. Polyhedron, 2004, 23, 1401-1408.	1.0	42
106	Noninvasive methods to determine the critical micelle concentration of some bile acid salts. Analytical Biochemistry, 2004, 334, 117-126.	1.1	139
107	Jacobsen catalyst anchored onto an activated carbon as an enantioselective heterogeneous catalyst for the epoxidation of alkenes. Carbon, 2004, 42, 3027-3030.	5.4	43
108	Zirconium organophosphonates as photoactive and hydrophobic host materials for sensitized luminescence of Eu(iii), Tb(iii), Sm(iii) and Dy(iii). New Journal of Chemistry, 2004, 28, 1506-1513.	1.4	41

#	Article	IF	Citations
109	An inhibit (INH) molecular logic gate based on 1,8-naphthalimide-sensitised europium luminescence. Photochemical and Photobiological Sciences, 2004, 3, 639.	1.6	57
110	Influence of some anti-inflammatory drugs in membrane fluidity studied by fluorescence anisotropy measurements. Physical Chemistry Chemical Physics, 2004, 6, 1493-1498.	1.3	46
111	Development of Novel Pillared Clays for the Encapsulation of Inorganic Complexes. Langmuir, 2004, 20, 2861-2866.	1.6	21
112	Simultaneous aluminium oxide pillaring and copper(ii) Schiff base complexes encapsulation in a montmorillonite. Journal of Materials Chemistry, 2004, 14, 374.	6.7	42
113	Zeta-Potential Measurements as a Tool To Quantify the Effect of Charged Drugs on the Surface Potential of Egg Phosphatidylcholine Liposomes. Langmuir, 2004, 20, 369-377.	1.6	61
114	Epoxidation of styrene by a manganese(iii) salen complex encapsulated in an aluminium pillared clay. New Journal of Chemistry, 2004, 28, 853-858.	1.4	33
115	Modulation of the catalytic activity of manganese(iii) salen complexes in the epoxidation of styrene: influence of the oxygen source. New Journal of Chemistry, 2004, 28, 253.	1.4	74
116	Partition and location of nimesulide in EPC liposomes: a spectrophotometric and fluorescence study. Analytical and Bioanalytical Chemistry, 2003, 377, 293-298.	1.9	52
117	Study of the oxidation products of the VO(dmpp)2 complex in aqueous solution under aerobic conditions: comparison with the vanadateâ€“dmpp system. Inorganica Chimica Acta, 2003, 356, 142-154.	1.2	27
118	Activated carbons with immobilised manganese(iii) salen complexes as heterogeneous catalysts in the epoxidation of olefins: influence of support and ligand functionalisation on selectivity and reusability. New Journal of Chemistry, 2003, 27, 1511.	1.4	59
119	Interaction of rifampicin and isoniazid with large unilamellar liposomes: spectroscopic location studies. Biochimica Et Biophysica Acta - General Subjects, 2003, 1620, 151-159.	1.1	56
120	Synthesis and Characterization of Benzo-15-Crown-5 Ethers with Appended N2O Schiff Bases. Molecules, 2003, 8, 894-900.	1.7	69
121	Interaction of Grepafloxacin with Large Unilamellar Liposomes:Â Partition and Fluorescence Studies Reveal the Importance of Charge Interactions. Langmuir, 2002, 18, 10231-10236.	1.6	38
122	Photochemistry of nickel salen based complexes and relevance to catalysis. New Journal of Chemistry, 2002, 26, 405-410.	1.4	20
123	Heterogenization of a Functionalized Copper(II) Schiff Base Complex by Direct Immobilization onto an Oxidized Activated Carbon. Langmuir, 2002, 18, 8017-8024.	1.6	75
124	Encapsulation of Copper(II) Complexes with Pentadentate N3O2 Schiff Base Ligands in a Pillared Layered Clay. European Journal of Inorganic Chemistry, 2002, 2002, 3032-3038.	1.0	20
125	Immobilisation of amine-functionalised nickel(II) Schiff base complexes onto activated carbon treated with thionyl chloride. Microporous and Mesoporous Materials, 2002, 55, 275-284.	2.2	75
126	Reductive electrochemical study of Ni(II) complexes with N2O2 Schiff base complexes and spectroscopic characterisation of the reduced species. Reactivity towards CO. Polyhedron, 2002, 21, 1695-1705.	1.0	30

#	Article	IF	Citations
127	A novel self-indicative vesicle based on a iron(ii) complex. Chemical Communications, 2001, , 1298-1299.	2.2	22
128	SYNTHESIS, SPECTROSCOPIC AND ELECTROCHEMICAL CHARACTERISATION OF NICKEL COMPLEXES WITH TWO N₂O TRIDENTATE, UNSYMMETRICAL SCHIFF BASE LIGANDS. Journal of Coordination Chemistry, 2001, 54, 1-12.	0.8	7
129	A Fast and reliable spectroscopic method for the determination of membrane-water partition coefficients of organic compounds. Lipids, 2001, 36, 89-96.	0.7	36
130	Partition coefficients of Î²-blockers in bile salt/lecithin micelles as a tool to assess the role of mixed micelles in gastrointestinal absorption. Biophysical Chemistry, 2001, 90, 31-43.	1.5	28
131	Derivative spectrophotometry as a tool for the determination of drug partition coefficients in water/dimyristoyl-l-Î±-phosphatidylglycerol (DMPG) liposomes. Biophysical Chemistry, 2001, 94, 97-106.	1.5	48
132	Study of partition of nitrazepam in bile salt micelles and the role of lecithin. Journal of Pharmaceutical and Biomedical Analysis, 2001, 24, 595-602.	1.4	30
133	Characterization of the photolysis products of sec-butylcobaloximes with imidazole and benzimidazole bases. Journal of Organometallic Chemistry, 2001, 632, 85-93.	0.8	5
134	Anchoring of a nickel(II) Schiff base complex onto activated carbon mediated by cyanuric chloride. Microporous and Mesoporous Materials, 2001, 46, 211-221.	2.2	64
135	Anchoring of organic molecules onto activated carbon. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 189, 75-84.	2.3	25
136	Location and partition coefficients of anti-inflammatory drugs in EPC liposomes. A fluorescence quenching study using n-(9-anthroyloxy)-stearic probes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 190, 205-212.	2.3	29
137	Interaction of drugs with hexadecylphosphocholine micelles. Derivative spectroscopy, acidâ€“base and solubility studies. Materials Science and Engineering C, 2001, 18, 71-78.	3.8	31
138	Ground State Modulation in Nickel(III) Chemistry by Controlling Axial Ligation in Complexes with N3O2 Pentadentate Ligands. European Journal of Inorganic Chemistry, 2001, 2001, 1483-1493.	1.0	23
139	Spectroelectrochemical Characterisation of poly[Ni(saltMe)]-Modified Electrodes. Chemistry - A European Journal, 2001, 7, 139-150.	1.7	59
140	Spectrophotometric determination of drug partition coefficients in dimyristoyl-l-Î±-phosphatidylcholine/water: a comparative study using phase separation and liposome suspensions. Analytica Chimica Acta, 2001, 428, 103-109.	2.6	33
141	Calibration of pH glass electrodes by direct strong acid/strong base titrations under dilute conditions. Analytica Chimica Acta, 2000, 405, 167-172.	2.6	43
142	Diaqua{6,6â€²-dimethoxy-2,2â€²-[propane-1,3-diylbis(nitrilomethylidyne-N)]diphenolato-O,Oâ€²}nickel(II). Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1201-1203.	0.4	8
143	Enzymes of hydrogen metabolism in Pyrococcus furiosus. FEBS Journal, 2000, 267, 6541-6551.	0.2	118
144	Encapsulation of copper(II) complexes with pentadentate N3O2 Schiff base ligands derived from acetylacetone in NaX zeolite. Microporous and Mesoporous Materials, 2000, 38, 391-401.	2.2	41

#	Article	IF	Citations
145	Structural study of the interaction of vanadate with the ligand 1,2-dimethyl-3-hydroxy-4-pyridinone (Hdmpp) in aqueous solution. Journal of Inorganic Biochemistry, 2000, 80, 177-179.	1.5	29
146	Electrochemical and X-ray studies of nickel(II) Schiff base complexes derived from salicylaldehyde. Polyhedron, 2000, 19, 655-664.	1.0	91
147	Title is missing!. Transition Metal Chemistry, 2000, 25, 283-286.	0.7	9
148	Nickel(II) complexes with N2OS and N2S2 co-ordination spheres: reduction and spectroscopic study of the corresponding Ni(I) complexes. Dalton Transactions RSC, 2000, , 1373-1379.	2.3	79
149	EPR Characterization of the Products Formed after Photolysis of [CoIII(Salen)(CH3)(H2O)] and [CoIII(SaltMe)(CH3)(H2O)] in the Presence of N- and P-donor Bases. Inorganic Chemistry, 2000, 39, 1994-1997.	1.9	3
150	AcidÃ¢Â€Â“base properties and solubility of pindolol, diazepam and chlordiazepoxide in SDS micelles. International Journal of Pharmaceutics, 1999, 187, 67-75.	2.6	27
151	A nickel complex with a tetradentate N2S2Schiff base ligand. Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1061-1063.	0.4	6
152	(1,4-Dioxane-O){3,3',5,5'-tetrachloro-2,2'-[4-methyl-4-azaheptane-1,7-diylbis(nitrilomethylidyne-N)]diphenolato-O,O'}nickel(II), [Ni(3,5-Cl4salMetrien)]. Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1425-1427.	0.4	3
153	On the prosthetic groups of the NiFe sulfhydrogenase from Pyrococcus furiosus: topology, structure, and temperature-dependent redox chemistry. Journal of Biological Inorganic Chemistry, 1999, 4, 284-291.	1.1	31
154	Photolysis Primary Products of Alkylcobaloximes Controlled by the Cobaltâ^'Carbon Bond Strength. Organometallics, 1999, 18, 3451-3456.	1.1	16
155	Synthesis, spectroscopic and electrochemical study of nickel(II) complexes with tetradentate asymmetric Schiff bases derived from salicylaldehyde and methyl-2-amino-1-cyclopentenedithiocarboxylate. Inorganica Chimica Acta, 1998, 271, 83-92.	1.2	37
156	Comparative analysis of the electronic and EPR spectra of copper(II) and nickel(I) complexes; insights into nickel(I) electronic structure. Journal of the Chemical Society Dalton Transactions, 1998, , 1557-1562.	1.1	19
157	Acid/Base Properties of Î²-Blockers and Benzodiazepines in Sodium Dodecyl Sulfate Micelles. A Spectrophotometric and Potentiometric Study. Journal of Pharmaceutical Sciences, 1998, 87, 356-359.	1.6	23
158	Epr characterisation of nickel (III) complexes with N2O2 Schiff base ligands derived from naphthaldehyde and their pyridine adducts. Polyhedron, 1998, 17, 4227-4235.	1.0	39
159	Copper(II) increases bile acid binding to asparagine. Journal of Pharmaceutical and Biomedical Analysis, 1998, 16, 771-776.	1.4	1
160	Fluorimetric and solubility studies of nadolol and atenolol in SDS micelles. Journal of Pharmaceutical and Biomedical Analysis, 1998, 18, 573-577.	1.4	19
161	Spectroscopic characterisation of electrogenerated nickel(III) species. Complexes with N2O2 Schiff-base ligands derived from salicylaldehyde. Journal of the Chemical Society Dalton Transactions, 1998, , 1491-1498.	1.1	97
162	Synthesis, spectroscopic and electrochemical study of nickel-(II) and -(I) complexes with Schiff-base ligands giving a NNâ€²OS co-ordination sphere. Journal of the Chemical Society Dalton Transactions, 1998, , 629-636.	1.1	34

#	Article	IF	Citations
163	New Insights into the Structure and Properties of Electroactive Polymer Films Derived from [Ni(salen)]. Inorganic Chemistry, 1997, 36, 4919-4929.	1.9	136
164	Synthesis and characterization of 3-hydroxy-4pyridinone-oxovanadium(IV) complexes. Polyhedron, 1997, 16, 789-794.	1.0	42
165	Potentiometric determination of formation constants of copper(II)/bile acid/peptide in aqueous solution. Journal of Pharmaceutical and Biomedical Analysis, 1995, 13, 465-470.	1.4	7
166	Formation and decomposition study of electrochemically-generated nickel(III)â€“nota complexes in aqueous solution (nota3â€“= 1,4,7-triazacyclononane-N,Nâ€²,Nâ€³-triacetate). Journal of the Chemical Society Dalton Transactions, 1995, , 2041-2044.	1.1	3
167	Crystal and molecular structure of N,Nâ€²-l,2-ethane-1,2-diyl-bis(2-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 592 Td (hydroxyacetc cyclohexane-1,2-diyl-bis(2-hydroxyacetophenonylideneiminate)- nickel(II) and N,Nâ€²-1,2-benzene-1,2-diyl-bis(3,5-dichlorosalicylideneiminate)nickel(II). Inorganica Chimica Acta, 1994, 219, 43-54.	1.2	84
168	Decomposition of chemically and electrochemically generated nickel(III) complexes with N2O2 Schiff-base ligands. Journal of the Chemical Society Dalton Transactions, 1994, , 571.	1.1	14
169	Electron spin resonance study of the cobalt(II) species formed after room-temperature photolysis of aqua(sec-butyl)bis(dimethylglyoximato)cobalt(III) in the presence of N-donor bases. Journal of the Chemical Society Dalton Transactions, 1994, , 369.	1.1	14
170	Effects of fluorine substitution on the solvatochromic behaviour of an iron(II)â€“cyanide Schiff base complex. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 3071-3075.	1.7	9
171	Determination of the pKa values of sparingly soluble substances in water revisited: application to some benzodiazepines. Analytica Chimica Acta, 1993, 281, 53-62.	2.6	13
172	Electrochemical and structural studies of nickel(II) complexes with N2O2 Schiff base ligands derived from 2-hydroxy-1-naphthaldehyde. Molecular structure of N,Nâ€²-2,3-dimethylbutane-2,3-diyl-bis(2-hydroxy-1-naphthylideneiminate) nickel(II). Inorganica Chimica Acta, 1993, 205, 157-166.	1.2	44
173	A new class of composite materials: Matrix auto-reinforced organic materialâ€“MARIOM. Journal of Materials Research, 1992, 7, 1990-1992.	1.2	7
174	Multinuclear NMR and potentiometric studies on the interaction of zinc and cadmium with cytidine and glycylglycine. The effect of the anion. Journal of Inorganic Biochemistry, 1992, 45, 53-64.	1.5	23
175	EPR characterization of the photolysis and thermolysis products of alkylcobaloximes with symmetric phosphines and phosphites. Factors that stabilize the cobalt homolysis fragments. Organometallics, 1991, 10, 3848-3855.	1.1	12
176	Spectroscopic and magnetic properties of high spin chromium(II) and copper(II) complexes with bidentate Î±,Î±â€²-diimine ligands: 2,2â€²- pyridylbenzimidazole; 2,2â€²-pyridylimidazole and 2,2â€²-pyridylimidazoline. Polyhedron, 1991, 10, 2541-2549.	1.1	18
177	Spectroscopic and Magnetic Properties of Low Spin Chromium(II)TrisComplexes with the Bidentate Î±-Diimine Ligands: 2,2â€²-Pyridylbenzimidazole, 2,2â€²-Pyridylimidazole and 2,2â€²-Pyridylimidazoline. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1990, 20, 1-12.	1.8	4
178	An electron spin resonance spectral study of bis(dimethylglyoximato)-cobalt(II) and some phosphine and phosphite adducts. Journal of the Chemical Society Dalton Transactions, 1990, , 3311.	1.1	10
179	EPR and electrochemical study of nickel(III) complexes of bis(3,5-dichlorosalicylaldehyde) o-phenylenediimine. Evidence for adduct formation with pyridines. Inorganic Chemistry, 1990, 29, 5113-5119.	1.9	79
180	Nucleoside complexing: a carbon-13 NMR spectroscopic study of binding of metal ions to guanosine and related nucleosides in solution. Evidence for O-6 binding under basic conditions. Journal of the American Chemical Society, 1982, 104, 461-466.	6.6	56

#	Article	IF	Citations
181	Preparation and structure of cis-[(ethylenediamine)bis(1,3,9-trimethylxanthine)platinum(II)] nitrate dihydrate and cis-[(ethylenediamine)bis(1,3,9-trimethylxanthine)platinum(II)] hexafluorophosphate. Effect of intramolecular and intermolecular interactions on molecular conformation in the solid state. Inorganic Chemistry, 1982, 21, 813-821.	1.9	17
182	Coordination chemistry of 7,9-disubstituted 6-oxopurine metal compounds. 4. Platinum(II) coordination at N(1). Molecular and crystal structure of [(ethylenediamine)bis(7,9-dimethylhypoxanthine)platinum(II)] hexafluorophosphate. Journal of Inorganic Biochemistry, 1982, 16, 33-46.	1.5	11
183	Coordination chemistry of 7,9-disubstituted 6-oxopurine metal compounds. 3. Platinum(II) coordination at N(1). Molecular and crystal structure of (diethylenetriamine)(7,9-dimethylguanine)platinum(II) hexafluorophosphate and (diethylenetriamine)(7,9-dimethylhypoxanthine)platinum(II) hexafluorophosphate sesquihydrate. Inorganic Chemistry, 1981, 20, 1835-1844.	1.9	21
184	Nucleoside complexing. A Raman and carbon-13 NMR spectroscopic study of the binding of hard and soft metal species. Journal of the American Chemical Society, 1980, 102, 916-924.	6.6	59
185	Structures of two N(1)-bound platinum(II)-6-oxopurine complexes. Comparisons with complexes derived from platinum(II) anti-tumor agents. Biochemical and Biophysical Research Communications, 1979, 91, 1521-1527.	1.0	11
186	Metal ion binding to cytidine in solution. Compelling Raman and carbon-13 nuclear magnetic resonance spectral evidence for coordination to the exocyclic oxygen at position 2. Journal of the American Chemical Society, 1978, 100, 3967-3968.	6.6	20
187	Porous Metal-Organic Framework Materials: Microwave Assisted Synthesis and Oxidative Catalytic Tests. Materials Science Forum, 0, 730-732, 1024-1029.	0.3	1