

Baltazar de Castro

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Lindqvist versus Keggin-Type Polyoxometalates as Catalysts for Effective Desulfurization of Fuels. <i>Catalysts</i> , 2022, 12, 581.	3.5	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. <i>Sustainable Energy and Fuels</i> , 2021, 5, 4032-4040.	4.9	11
3	Straightforward activation of metal-organic framework UiO-66 for oxidative desulfurization processes. <i>Catalysis Today</i> , 2021, 362, 28-34.	4.4	34
4	Multidimensional Ln-Aminophthalate Photoluminescent Coordination Polymers. <i>Materials</i> , 2021, 14, 1786.	2.9	1
5	A simple desulfurization process to achieve high efficiency, sustainability and cost-effectivity via peroxotungstate catalyst. <i>Molecular Catalysis</i> , 2021, 505, 111515.	2.0	11
6	Removing Simultaneously Sulfur and Nitrogen from Fuel under a Sustainable Oxidative Catalytic System. <i>Sustainable Chemistry</i> , 2021, 2, 382-391.	4.7	8
7	Large-pore silica spheres as support for samarium-coordinated undecamolybdophosphate: Oxidative desulfurization of diesels. <i>Fuel</i> , 2020, 259, 116213.	6.4	37
8	A sustainable peroxophosphomolybdate/H ₂ O ₂ system for the oxidative removal of organosulfur compounds from simulated and real high-sulfur diesels. <i>Applied Catalysis A: General</i> , 2020, 589, 117154.	4.3	19
9	Biomimetic Oxidation of Benzofurans with Hydrogen Peroxide Catalyzed by Mn(III) Porphyrins. <i>Catalysts</i> , 2020, 10, 62.	3.5	7
10	An Effective Hybrid Heterogeneous Catalyst to Desulfurize Diesel: Peroxotungstate@Metal-Organic Framework. <i>Molecules</i> , 2020, 25, 5494.	3.8	17
11	Solvent-Free Desulfurization System to Produce Low-Sulfur Diesel Using Hybrid Monovacant Keggin-Type Catalyst. <i>Molecules</i> , 2020, 25, 4961.	3.8	4
12	From Discrete Complexes to Metal-Organic Layered Materials: Remarkable Hydrogen Bonding Frameworks. <i>Molecules</i> , 2020, 25, 1353.	3.8	2
13	Polyoxometalate@Periodic mesoporous organosilicas as active materials for oxidative desulfurization of diesels. <i>Microporous and Mesoporous Materials</i> , 2020, 302, 110193.	4.4	15
14	Polyoxometalates-Based Nanocatalysts and Their Efficiency for Production of Sulfur-Free Diesel. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2020, , 92-133.	0.3	0
15	EPR spin trapping studies of H ₂ O ₂ activation in metaloporphyrin catalyzed oxygenation reactions: Insights on the biomimetic mechanism. <i>Molecular Catalysis</i> , 2019, 475, 110500.	2.0	7
16	Mesoporous Silica vs. Organosilica Composites to Desulfurize Diesel. <i>Frontiers in Chemistry</i> , 2019, 7, 756.	3.6	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. <i>Polyhedron</i> , 2019, 160, 145-156.	2.2	11
18	Effective Zinc-Substituted Keggin Composite To Catalyze the Removal of Sulfur from Real Diesels under a Solvent-Free System. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 18540-18549.	3.7	12

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19	Influence of UiO-66(Zr) Preparation Strategies in Its Catalytic Efficiency for Desulfurization Process. <i>Materials</i> , 2019, 12, 3009.	2.9	25
20	Antibacterial activity of naphthyl derived bis-(3-hydroxy-4-pyridinonate) copper(II) complexes against multidrug-resistant bacteria. <i>Journal of Inorganic Biochemistry</i> , 2019, 197, 110704.	3.5	20
21	Deep oxidative desulfurization of diesel fuels using homogeneous and SBA-15-supported peroxophosphotungstate catalysts. <i>Fuel</i> , 2019, 241, 616-624.	6.4	100
22	Oxidative desulfurization strategies using Keggin-type polyoxometalate catalysts: Biphasic versus solvent-free systems. <i>Catalysis Today</i> , 2019, 333, 226-236.	4.4	53
23	Synthesis and coordination studies of 5-(4-carboxyphenyl)-10,15,20-tris(pentafluorophenyl)porphyrin and its pyrrolidine-fused chlorin derivative. <i>New Journal of Chemistry</i> , 2018, 42, 8169-8179.	2.8	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 (+) bacteria. <i>Medicinal Chemistry Research</i> , 2018, 27, 1472-1477.	2.4	4
25	Efficient heterogeneous polyoxometalate-hybrid catalysts for the oxidative desulfurization of fuels. <i>Catalysis Communications</i> , 2018, 104, 1-8.	3.3	67
26	Efficient Oxidative Desulfurization Processes Using Polyoxomolybdate Based Catalysts. <i>Energies</i> , 2018, 11, 1696.	3.1	29
27	Improving the Catalytic Performance of Keggin [PW12O40]3- for Oxidative Desulfurization: Ionic Liquids versus SBA-15 Composite. <i>Materials</i> , 2018, 11, 1196.	2.9	36
28	Synthesis and characterization of two fluorescent isophthalate rosamines: From solution to immobilization in solid substrates. <i>Dyes and Pigments</i> , 2018, 157, 405-414.	3.7	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. <i>Interdisciplinary Toxicology</i> , 2018, 11, 189-199.	1.0	2
30	1,3-Dipolar cycloadditions with meso-tetraarylchlorins site selectivity and mixed bisadducts. <i>Organic Chemistry Frontiers</i> , 2017, 4, 534-544.	4.5	13
31	Efficient eco-sustainable ionic liquid-polyoxometalate desulfurization processes for model and real diesel. <i>Applied Catalysis A: General</i> , 2017, 537, 93-99.	4.3	41
32	Sustainable Desulfurization Processes Catalyzed by Titanium-Polyoxometalate@TM-SBA-15. <i>Topics in Catalysis</i> , 2017, 60, 1140-1150.	2.8	25
33	Improved catalytic performance of porous metal-organic frameworks for the ring opening of styrene oxide. <i>CrystEngComm</i> , 2017, 19, 4219-4226.	2.6	19
34	Desulfurization process conciliating heterogeneous oxidation and liquid extraction: Organic solvent or centrifugation/water?. <i>Applied Catalysis A: General</i> , 2017, 542, 359-367.	4.3	37
35	Catalytic performance and electrochemical behaviour of Metal-organic frameworks: MIL-101(Fe) versus NH2-MIL-101(Fe). <i>Polyhedron</i> , 2017, 127, 464-470.	2.2	82
36	A novel red emitting material based on polyoxometalate@periodic mesoporous organosilica. <i>Microporous and Mesoporous Materials</i> , 2016, 234, 248-256.	4.4	21

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37	Zinc-Substituted Polyoxotungstate@amino-MIL-101(Al) as an Efficient Catalyst for the Sustainable Desulfurization of Model and Real Diesels. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5114-5122.	2.0	46
38	Design of a Water Soluble Fluorescent 3-Hydroxy-4-Pyridinone Ligand Active at Physiological pH Values. <i>Journal of Fluorescence</i> , 2016, 26, 1773-1785.	2.5	3
39	NMR study of the interaction of fluorescent 3-hydroxy-4-pyridinone chelators with DMPC liposomes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5027-5033.	2.8	9
40	Catalytic oxidative/extractive desulfurization of model and untreated diesel using hybrid based zinc-substituted polyoxometalates. <i>Fuel</i> , 2016, 166, 268-275.	6.4	106
41	Polyoxometalates-Based Nanocatalysts for Production of Sulfur-Free Diesel. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2016, , 426-458.	0.3	1
42	The Influence of the Amide Linkage in the Fe ^{III} -Binding Properties of Catechol-Modified Rosamine Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 15692-15704.	3.3	8
43	Isoxazolidine-fused meso-tetraarylchlorins as key tools for the synthesis of mono- and bis-annulated chlorins. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7131-7135.	2.8	23
44	Production of ultra-deep sulfur-free diesels using a sustainable catalytic system based on UiO-66(Zr). <i>Chemical Communications</i> , 2015, 51, 13818-13821.	4.1	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. <i>Fuel Processing Technology</i> , 2015, 131, 78-86.	7.2	125
46	Synthesis and spectroscopic characterization of a new tripodal hexadentate iron chelator incorporating catechol units. <i>Polyhedron</i> , 2015, 87, 1-7.	2.2	6
47	EPR and XANES studies of anaerobic photolysis of iso-propylpyridinecobaloxime: Elucidation of the reactivity of the Co(II) primary product. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 11-18.	1.8	2
48	An efficient eco-sustainable oxidative desulfurization process using a μ_4 -oxo-bridged Fe(III) complex of meso-tetrakis(pentafluorophenyl)porphyrin. <i>Applied Catalysis A: General</i> , 2014, 478, 267-274.	4.3	33
49	The influence of 1-alkyl-3-methyl imidazolium ionic liquids on a series of cobalt-1,4-benzenedicarboxylate metal-organic frameworks. <i>CrystEngComm</i> , 2014, 16, 10649-10657.	2.6	28
50	Oxidative catalytic versatility of a trivacant polyoxotungstate incorporated into MIL-101(Cr). <i>Catalysis Science and Technology</i> , 2014, 4, 1416.	4.1	79
51	Synthesis, characterization and antibacterial studies of a copper(II) lomefloxacin ternary complex. <i>Journal of Inorganic Biochemistry</i> , 2014, 131, 21-29.	3.5	40
52	Fluoroquinolone-metal complexes: A route to counteract bacterial resistance?. <i>Journal of Inorganic Biochemistry</i> , 2014, 138, 129-143.	3.5	51
53	Phosphotungstates as catalysts for monoterpenes oxidation: Homo- and heterogeneous performance. <i>Catalysis Today</i> , 2013, 203, 95-102.	4.4	52
54	Redox behaviour, electrochromic properties and photoluminescence of potassium lanthano phosphomolybdate sandwich-type compounds. <i>RSC Advances</i> , 2013, 3, 16697.	3.6	9

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55	Discrimination of fluorescence light-up effects induced by pH and metal ion chelation on a spirocyclic derivative of rhodamine B. <i>Dalton Transactions</i> , 2013, 42, 6110.	3.3	30
56	Lanthanopolyoxometalates: From the structure of polyanions to the design of functional materials. <i>Polyhedron</i> , 2013, 52, 10-24.	2.2	43
57	Novel Mn(II)-Based Metal-Organic Frameworks Isolated in Ionic Liquids. <i>Crystal Growth and Design</i> , 2013, 13, 1260-1266.	3.0	54
58	Catalytic performance of a boron peroxotungstate complex under homogeneous and heterogeneous conditions. <i>Catalysis Today</i> , 2013, 203, 87-94.	4.4	15
59	Insights into the electrochemical behaviour of composite materials: Monovacant polyoxometalates @ porous metal-organic framework. <i>Electrochimica Acta</i> , 2013, 87, 853-859.	5.2	32
60	Monovacant polyoxometalates incorporated into MIL-101(Cr): novel heterogeneous catalysts for liquid phase oxidation. <i>Applied Catalysis A: General</i> , 2013, 453, 316-326.	4.3	103
61	Manganese Mono-Substituted Borotungstate: Characterization and Catalytic Application. <i>Materials Science Forum</i> , 2012, 730-732, 975-980.	0.3	0
62	Microwave-Assisted Synthesis and Spectroscopic Properties of 4-Substituted Rosamine Fluorophores and Naphthyl Analogues. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5810-5817.	2.4	31
63	Synthesis, characterization and antibacterial studies of a copper(II) levofloxacin ternary complex. <i>Journal of Inorganic Biochemistry</i> , 2012, 110, 64-71.	3.5	82
64	Use of a porphyrin platform and 3,4-HPO chelating units to synthesize ligands with N4 and O4 coordination sites. <i>Tetrahedron</i> , 2011, 67, 7821-7828.	1.9	12
65	Nickel(II) and Cobalt(II) 3-Hydroxy-4-pyridinone Complexes: Synthesis, Characterization and Speciation Studies in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 131-140.	2.0	25
66	Novel tetradentate chelators derived from 3-hydroxy-4-pyridinone units: synthesis, characterization and aqueous solution properties. <i>Tetrahedron</i> , 2011, 67, 4009-4016.	1.9	16
67	Synthesis of gold nanocubes in aqueous solution with remarkable shape-selectivity. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 441-448.	0.8	7
68	Identification of a new hexadentate iron chelator capable of restricting the intramacrophagic growth of <i>Mycobacterium avium</i> . <i>Microbes and Infection</i> , 2010, 12, 287-294.	1.9	40
69	Microwave-assisted synthesis of 3-hydroxy-4-pyridinone/naphthalene conjugates. Structural characterization and selection of a fluorescent ion sensor. <i>Tetrahedron</i> , 2010, 66, 8544-8550.	1.9	23
70	One-pot synthesis of triangular gold nanoplates allowing broad and fine tuning of edge length. <i>Nanoscale</i> , 2010, 2, 2209.	5.6	73
71	Microwave-Enhanced Synthesis of Novel Pyridinone-Fused Porphyrins. <i>Synlett</i> , 2009, 2009, 1009-1013.	1.8	5
72	Novel 3-hydroxy-4-pyridinonato oxidovanadium(IV) complexes to investigate structure/activity relationships. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 496-502.	3.5	30

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73	A Fluorescent and Phosphorescent Nanoporous Solid: Crystalline Calix[4]arene. <i>Journal of Fluorescence</i> , 2008, 18, 1123-1129.	2.5	10
74	Benzodiazepine-Mediated Structural Changes in the Multidrug Transporter P-Glycoprotein: An Intrinsic Fluorescence Quenching Analysis. <i>Journal of Membrane Biology</i> , 2008, 223, 117-125.	2.1	4
75	Synthesis, spectroscopic, electrochemical and structural characterization of Cu(II) complexes with asymmetric NN ϵ^2 OS coordination spheres. <i>Polyhedron</i> , 2008, 27, 335-343.	2.2	10
76	Flurazepam inhibits the P-glycoprotein transport function: An insight to revert multidrug-resistance phenotype. <i>European Journal of Pharmacology</i> , 2008, 581, 30-36.	3.5	10
77	Modular Functional Integration of a Two-Input INH Logic Gate with a Fluorophore \sim Spacer \sim Receptor ₁ \sim Spacer \sim Receptor ₂ Conjugate. <i>Journal of Organic Chemistry</i> , 2008, 73, 6079-6085.	3.2	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. <i>Organometallics</i> , 2008, 27, 2536-2543.	2.3	4
79	AFM and Electron Microscopy Study of the Unusual Aggregation Behavior of Metallosurfactants Based on Iron(II) Complexes with Bipyridine Ligands. <i>Langmuir</i> , 2007, 23, 7951-7957.	3.5	13
80	Sensitivity of P-glycoprotein tryptophan residues to benzodiazepines and ATP interaction. <i>Biophysical Chemistry</i> , 2007, 125, 143-150.	2.8	22
81	Organo-functionalized activated carbons as supports for the covalent attachment of a chiral manganese(III) salen complex. <i>Carbon</i> , 2007, 45, 1951-1964.	10.3	58
82	Solution studies on binary and ternary complexes of copper(II) with some fluoroquinolones and 1,10-phenanthroline: Antimicrobial activity of ternary metalloantibiotics. <i>International Journal of Pharmaceutics</i> , 2007, 334, 129-136.	5.2	33
83	β -Blockers and benzodiazepines location in SDS and bile salt micellar systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 62-69.	2.8	11
84	Anchoring of a [Mn(salen)Cl] complex onto mesoporous carbon xerogels. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 152-158.	9.4	42
85	Acetato(<i>N</i> -phenylpyridine-2-carboxamidato) μ_2 (<i>N</i>)(<i>N</i>)(<i>N</i> -phenylpyridine-2-carboxamide) μ_4 . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m293-m296.	0.4	4
86	Influence of structural factors on the enhanced activity of moxifloxacin: a fluorescence and EPR spectroscopic study. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1543-1552.	3.7	19
87	A molecular tool kit for the variable design of logic operations (NOR, INH, EnNOR). <i>Chemical Communications</i> , 2006, , 2051.	4.1	70
88	Styrene oxidation by manganese Schiff base complexes in zeolite structures. <i>Journal of Molecular Catalysis A</i> , 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. <i>Inorganic Chemistry</i> , 2006, 45, 2652-2660.	4.0	60
90	Mn(III) salen complex immobilised into pillared clays by in situ and simultaneous pillaring/encapsulation procedures. <i>Microporous and Mesoporous Materials</i> , 2005, 86, 295-302.	4.4	30

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91	Spectroelectrochemical characterisation of copper salen-based polymer-modified electrodes. <i>Electrochimica Acta</i> , 2005, 51, 304-314.	5.2	38
92	Interaction between quinolones antibiotics and bacterial outer membrane porin OmpF. <i>Biophysical Chemistry</i> , 2005, 113, 123-128.	2.8	42
93	Chiral manganese(III) Schiff base complexes anchored onto activated carbon as enantioselective heterogeneous catalysts for alkene epoxidation. <i>Carbon</i> , 2005, 43, 2096-2105.	10.3	67
94	Copper(II) acetylacetonate anchored onto an activated carbon as a heterogeneous catalyst for the aziridination of styrene. <i>Catalysis Today</i> , 2005, 102-103, 154-159.	4.4	47
95	Catalytic Properties of a Mn(III)-Salen Complex Immobilised in a Pillared Clay by Simultaneous Pillaring/Encapsulation Procedures. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 837-844.	2.0	12
96	(Salen)nickel-Catalysed Epoxidations in the Homogeneous and Heterogeneous Phase: The Implications of Oxygen on the Efficiency and Product Selectivity. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4272-4279.	2.0	25
97	A method for functional mouse MDR3 P-glycoprotein reconstitution in Escherichia coli lipids. <i>Analytical Biochemistry</i> , 2005, 338, 350-353.	2.4	1
98	Styrene epoxidation catalysed by manganese(III) salen complex supported on activated carbons. <i>Applied Catalysis A: General</i> , 2005, 285, 110-118.	4.3	34
99	Photolysis Secondary Products of Cobaloximes and Imino/Oxime Compounds Controlled by Steric Hindrance Imposed by the Lewis Base. <i>Organometallics</i> , 2005, 24, 3500-3507.	2.3	9
100	Isolation and spectroscopic characterization of the membrane-bound nitrate reductase from <i>Pseudomonas chlororaphis</i> DSM 50135. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1723, 151-162.	2.4	13
101	Copper-containing nitrite reductase from <i>Pseudomonas chlororaphis</i> DSM 50135. Evidence for modulation of the rate of intramolecular electron transfer through nitrite binding to the type 2 copper center. <i>FEBS Journal</i> , 2004, 271, 2361-2369.	0.2	38
102	Anchoring of Copper(II) Acetylacetonate onto an Activated Carbon Functionalised with a Triamine. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2027-2035.	2.0	51
103	Manganese(III) salen complexes anchored onto activated carbon as heterogeneous catalysts for the epoxidation of olefins. <i>Microporous and Mesoporous Materials</i> , 2004, 68, 83-89.	4.4	81
104	Two azurins with unusual redox and spectroscopic properties isolated from the <i>Pseudomonas chlororaphis</i> strains DSM 50083T and DSM 50135. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 276-286.	3.5	10
105	Nickel(II) and copper(II) Schiff base complexes bearing benzo-15-crown-5 functionalities as probes for spectroscopic recognition of lanthanide ions. <i>Polyhedron</i> , 2004, 23, 1401-1408.	2.2	42
106	Noninvasive methods to determine the critical micelle concentration of some bile acid salts. <i>Analytical Biochemistry</i> , 2004, 334, 117-126.	2.4	139
107	Jacobsen catalyst anchored onto an activated carbon as an enantioselective heterogeneous catalyst for the epoxidation of alkenes. <i>Carbon</i> , 2004, 42, 3027-3030.	10.3	43
108	Zirconium organophosphonates as photoactive and hydrophobic host materials for sensitized luminescence of Eu(III), Tb(III), Sm(III) and Dy(III). <i>New Journal of Chemistry</i> , 2004, 28, 1506-1513.	2.8	41

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109	An inhibit (INH) molecular logic gate based on 1,8-naphthalimide-sensitised europium luminescence. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 639.	2.9	57
110	Influence of some anti-inflammatory drugs in membrane fluidity studied by fluorescence anisotropy measurements. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 1493-1498.	2.8	46
111	Development of Novel Pillared Clays for the Encapsulation of Inorganic Complexes. <i>Langmuir</i> , 2004, 20, 2861-2866.	3.5	21
112	Simultaneous aluminium oxide pillaring and copper(ii) Schiff base complexes encapsulation in a montmorillonite. <i>Journal of Materials Chemistry</i> , 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. <i>Langmuir</i> , 2004, 20, 369-377.	3.5	61
114	Epoxidation of styrene by a manganese(iii) salen complex encapsulated in an aluminium pillared clay. <i>New Journal of Chemistry</i> , 2004, 28, 853-858.	2.8	33
115	Modulation of the catalytic activity of manganese(iii) salen complexes in the epoxidation of styrene: influence of the oxygen source. <i>New Journal of Chemistry</i> , 2004, 28, 253.	2.8	74
116	Partition and location of nimesulide in EPC liposomes: a spectrophotometric and fluorescence study. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 293-298.	3.7	52
117	Study of the oxidation products of the VO(dmpp) ₂ complex in aqueous solution under aerobic conditions: comparison with the vanadate ⁵⁻ dmpp system. <i>Inorganica Chimica Acta</i> , 2003, 356, 142-154.	2.4	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. <i>New Journal of Chemistry</i> , 2003, 27, 1511.	2.8	59
119	Interaction of rifampicin and isoniazid with large unilamellar liposomes: spectroscopic location studies. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1620, 151-159.	2.4	56
120	Synthesis and Characterization of Benzo-15-Crown-5 Ethers with Appended N ₂ O Schiff Bases. <i>Molecules</i> , 2003, 8, 894-900.	3.8	69
121	Interaction of Grepafloxacin with Large Unilamellar Liposomes: Partition and Fluorescence Studies Reveal the Importance of Charge Interactions. <i>Langmuir</i> , 2002, 18, 10231-10236.	3.5	38
122	Photochemistry of nickel salen based complexes and relevance to catalysis. <i>New Journal of Chemistry</i> , 2002, 26, 405-410.	2.8	20
123	Heterogenization of a Functionalized Copper(II) Schiff Base Complex by Direct Immobilization onto an Oxidized Activated Carbon. <i>Langmuir</i> , 2002, 18, 8017-8024.	3.5	75
124	Encapsulation of Copper(II) Complexes with Pentadentate N ₃ O ₂ Schiff Base Ligands in a Pillared Layered Clay. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 3032-3038.	2.0	20
125	Immobilisation of amine-functionalised nickel(II) Schiff base complexes onto activated carbon treated with thionyl chloride. <i>Microporous and Mesoporous Materials</i> , 2002, 55, 275-284.	4.4	75
126	Reductive electrochemical study of Ni(II) complexes with N ₂ O ₂ Schiff base complexes and spectroscopic characterisation of the reduced species. Reactivity towards CO. <i>Polyhedron</i> , 2002, 21, 1695-1705.	2.2	30

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127	A novel self-indicative vesicle based on a iron(ii) complex. <i>Chemical Communications</i> , 2001, , 1298-1299.	4.1	22
128	SYNTHESIS, SPECTROSCOPIC AND ELECTROCHEMICAL CHARACTERISATION OF NICKEL COMPLEXES WITH TWO N ₂ O TRIDENTATE, UNSYMMETRICAL SCHIFF BASE LIGANDS. <i>Journal of Coordination Chemistry</i> , 2001, 54, 1-12.	2.2	7
129	A Fast and reliable spectroscopic method for the determination of membrane-water partition coefficients of organic compounds. <i>Lipids</i> , 2001, 36, 89-96.	1.7	36
130	Partition coefficients of β -blockers in bile salt/lecithin micelles as a tool to assess the role of mixed micelles in gastrointestinal absorption. <i>Biophysical Chemistry</i> , 2001, 90, 31-43.	2.8	28
131	Derivative spectrophotometry as a tool for the determination of drug partition coefficients in water/dimyristoyl- β -phosphatidylglycerol (DMPG) liposomes. <i>Biophysical Chemistry</i> , 2001, 94, 97-106.	2.8	48
132	Study of partition of nitrazepam in bile salt micelles and the role of lecithin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 24, 595-602.	2.8	30
133	Characterization of the photolysis products of sec-butylcobaloximes with imidazole and benzimidazole bases. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 85-93.	1.8	5
134	Anchoring of a nickel(II) Schiff base complex onto activated carbon mediated by cyanuric chloride. <i>Microporous and Mesoporous Materials</i> , 2001, 46, 211-221.	4.4	64
135	Anchoring of organic molecules onto activated carbon. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 189, 75-84.	4.7	25
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