

Cláudia C. L. Pereira

List of Publications by Year in descending order

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48
papers

945
citations

361413

20
h-index

454955

30
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all docs

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docs citations

50
times ranked

1132
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared Spectra and Quantum Chemical Calculations of the Uranium Carbide Molecules UC and CUC with Triple Bonds. <i>Journal of the American Chemical Society</i> , 2010, 132, 8484-8488.	13.7	55
2	New chloro and triphenylsiloxy derivatives of dioxomolybdenum(VI) chelated with pyrazolylpyridine ligands: Catalytic applications in olefin epoxidation. <i>Journal of Molecular Catalysis A</i> , 2007, 261, 79-87.	4.8	52
3	Chemistry and Catalytic Activity of Molybdenum(VI)-Pyrazolylpyridine Complexes in Olefin Epoxidation. Crystal Structures of Monomeric Dioxo, Dioxo- $\lambda^1/4$ -oxo, and Oxodiperoxo Derivatives. <i>Inorganic Chemistry</i> , 2011, 50, 525-538.	4.0	50
4	Amino acid-functionalized cyclopentadienyl molybdenum tricarbonyl complex and its use in catalytic olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1826-1833.	1.8	47
5	A Highly Efficient Dioxo($\lambda^1/4$ -oxo)molybdenum(VI) Dimer Catalyst for Olefin Epoxidation. <i>Inorganic Chemistry</i> , 2007, 46, 8508-8510.	4.0	46
6	Catalytic Epoxidation and Sulfoxidation Activity of a Dioxomolybdenum(VI) Complex Bearing a Chiral Tetradentate Oxazoline Ligand. <i>Catalysis Letters</i> , 2009, 132, 94-103.	2.6	44
7	Synthesis, characterization and antitumor activity of 1,2-disubstituted ferrocenes and cyclodextrin inclusion complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 675-684.	1.8	40
8	Europium(III) Tetrakis(λ^2 -diketonate) Complex as an Ionic Liquid: A Calorimetric and Spectroscopic Study. <i>Inorganic Chemistry</i> , 2013, 52, 3755-3764.	4.0	39
9	Cyclopentadienyl molybdenum dicarbonyl λ^3 -allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of $\text{Cp}^*\text{Mo}(\text{CO})_2(\lambda^3\text{-C}_3\text{H}_5)$ ($\text{Cp}^* = \lambda^1\text{-5-C}_5\text{H}_4\text{Me}$, $\lambda^1\text{-5-C}_5\text{Me}_5$). <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2311-2319.	1.8	36
10	Actinide sulfides in the gas phase: experimental and theoretical studies of the thermochemistry of AnS ($\text{An} = \text{Ac, Th, Pa, U, Np, Pu, Am}$ and Cm). <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 12940.	2.8	36
11	Infrared spectra and quantum chemical calculations of the uranium-carbon molecules UC, CUC, UCH, and $\text{U}(\text{CC})_2$. <i>Journal of Chemical Physics</i> , 2011, 134, 244313.	3.0	36
12	A thermochromic europium(III) room temperature ionic liquid with thermally activated anion-cation interactions. <i>Chemical Communications</i> , 2017, 53, 850-853.	4.1	33
13	A Combined Theoretical and Experimental Study of the Inclusion of Niobocene Dichloride in Native and Permethylated λ^2 -Cyclodextrins. <i>Organometallics</i> , 2007, 26, 4220-4228.	2.3	32
14	Effect of an Ionic Liquid on the Catalytic Performance of Thiocyanatodioxomolybdenum(VI) Complexes for the Oxidation of Cyclooctene and Benzyl Alcohol. <i>Catalysis Letters</i> , 2009, 129, 350-357.	2.6	32
15	Magnetic Properties of the Layered Lanthanide Hydroxide Series $\text{Y}_x\text{Dy}_{8-x}(\text{OH})_{20}\text{Cl}_4 \cdot 6\text{H}_2\text{O}$: From Single Ion Magnets to 2D and 3D Interaction Effects. <i>Inorganic Chemistry</i> , 2015, 54, 1949-1957.	4.0	28
16	Complex Formation between Heptakis(2,6-di-O-methyl)- λ^2 -cyclodextrin and Cyclopentadienyl Molybdenum(II) Dicarbonyl Complexes: Structural Studies and Cytotoxicity Evaluations. <i>Organometallics</i> , 2008, 27, 4948-4956.	2.3	25
17	Membranes with a low loading of Metal-Organic Framework-Supported Ionic Liquids for CO_2 separation in CO_2 capture. <i>Energy Technology</i> , 2017, 5, 2158-2162.	3.8	25
18	Synthesis of ferrocenyldiimine metal carbonyl complexes and an investigation of the Mo adduct encapsulated in cyclodextrin. <i>New Journal of Chemistry</i> , 2005, 29, 347-354.	2.8	23

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19	Structural Studies of [CpMoL ₂ (CO) ₂] ⁺ (L = NCMe, L ₂ = 2,2-â€²-biimidazole) Complexes and Their Inclusion Compounds with Cyclodextrins. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4278-4288.	2.0	22
20	NEW LIPOPHILIC COMPONENTS OF PITCH DEPOSITS FROM ANEUCALYPTUS GLOBULUSECF BLEACHED KRAFT PULP MILL. <i>Journal of Wood Chemistry and Technology</i> , 2002, 22, 55-66.	1.7	21
21	Impact on CO ₂ /N ₂ and CO ₂ /CH ₄ Separation Performance Using Cu-BTC with Supported Ionic Liquids-Based Mixed Matrix Membranes. <i>Membranes</i> , 2018, 8, 93.	3.0	21
22	Indenyl ring slippage in crown thioether complexes [IndMo(CO) ₂ L] ⁺ and Câ€“S activation of trithiacyclononane: Experimental and theoretical studies. <i>Dalton Transactions</i> , 2011, 40, 10513.	3.3	19
23	Thorium and Uranium Carbide Cluster Cations in the Gas Phase: Similarities and Differences between Thorium and Uranium. <i>Inorganic Chemistry</i> , 2013, 52, 10968-10975.	4.0	16
24	Synthesis and Properties of Uranium Sulfide Cations. An Evaluation of the Stability of Thiouranyl, {Sâ€“Uâ€“S} ²⁺ . <i>Inorganic Chemistry</i> , 2013, 52, 14162-14167.	4.0	14
25	Metal-organic frameworks based on uranyl and phosphonate ligands. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 28-36.	1.1	14
26	Lanthanide-based complexes as efficient physiological temperature sensors. <i>Materials Chemistry and Physics</i> , 2022, 277, 125424.	4.0	14
27	Layered europium hydroxide system for phosphorous sensing and remediation. <i>Applied Clay Science</i> , 2017, 146, 216-222.	5.2	13
28	A Europium(III) Complex with an Unusual Anionâ€“Cation Interaction: A Luminescent Molecular Thermometer for Ratiometric Temperature Sensing. <i>ChemPlusChem</i> , 2020, 85, 580-586.	2.8	13
29	Ring Slippage vs Charge Transfer in the Reductive Chemistry of [IndMo(CO) ₂ (â€“diimine)] ⁺ Cations. <i>Organometallics</i> , 2006, 25, 5223-5234.	2.3	11
30	A 2D Layered Lanthanide Hydroxide Showing Slow Relaxation of Magnetization â€“ Dy ₈ (OH) ₂₀ Cl ₄ â€“6H ₂ O. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5059-5063.	2.0	10
31	Dy, Tb, Gd and Eu complexes with low melting point and magnetic behavior. <i>Polyhedron</i> , 2015, 91, 42-46.	2.2	10
32	A Case of Selfâ€“Organization in Highly Emissive Eu ^{III} Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3429-3434.	2.0	10
33	Ionizing Radiation for Preparation and Functionalization of Membranes and Their Biomedical and Environmental Applications. <i>Membranes</i> , 2019, 9, 163.	3.0	9
34	Synthesis, structure and bonding of actinide disulphide dications in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10685-10694.	2.8	7
35	Cyanideâ€“isocyanide isomers in polynuclear complexes. Reactivity and theoretical studies. <i>Inorganica Chimica Acta</i> , 2003, 356, 297-307.	2.4	6
36	Dye-sensitized solar cells using fluorone-based ionic liquids with improved cell efficiency. <i>Sustainable Energy and Fuels</i> , 2019, 3, 3510-3517.	4.9	5

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37	Influence of the meso-substituents of zinc porphyrins in dye-sensitized solar cell efficiency with improved performance under short periods of white light illumination. <i>Dyes and Pigments</i> , 2020, 177, 108280.	3.7	5
38	Luminescent Ln-Ionic Liquids beyond Europium. <i>Molecules</i> , 2021, 26, 4834.	3.8	5
39	A magnetic study of a layered lanthanide hydroxide family: $\text{Ln}_8(\text{OH})_{20}\text{Cl}_4 \cdot n\text{H}_2\text{O}$ (Ln = Tb, Ho, Er). <i>Dalton Transactions</i> , 2018, 47, 16211-16217.	3.3	4
40	A Reusable Eu^{3+} Complex for Naked-Eye Discrimination of Methanol from Ethanol with a Ratiometric Fluorimetric Equilibrium in Methanol/Ethanol Mixtures. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4727-4734.	2.0	4
41	Synthesis and reactivity of mixed-ring indenyl complexes of molybdenocene. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1718-1725.	1.8	3
42	Synthesis and structural characterization of new mixed-ring indenyl derivatives of molybdenum containing phosphorus ligands. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1593-1600.	1.8	3
43	A Europium(III) Complex Embedded in a Polysulfone Host Matrix: A Flexible Film with Temperature-Responsive Ratiometric Behaviour. <i>ChemPlusChem</i> , 2020, 85, 2629-2635.	2.8	3
44	Thermochromism of Highly Luminescent Photopolymer Flexible Films Based On Eu (III) Salts Confined in Polysulfone. <i>Materials</i> , 2020, 13, 5394.	2.9	2
45	Infrared Spectra of Rh^{12}C and Rh^{13}C in Solid Neon and Solid Argon. <i>Chemical Physics Letters</i> , 2012, 528, 7-10.	2.6	1
46	Multifunctionality of the $[\text{C}_2\text{mim}][\text{Ln}(\text{fod})_4]$ series (Ln = Nd–Tm except Pm): magnetic, luminescence and thermochemical studies. <i>New Journal of Chemistry</i> , 2022, 46, 9858-9870.	2.8	1
47	Preparation of dense ^{13}C pellets using spark plasma sintering technique. <i>Materials Research Innovations</i> , 2013, 17, 289-292.	2.3	0
48	Carbon Dioxide as Building Block in the Synthesis of the Anti-Infective Agent Hexamine. <i>ChemistrySelect</i> , 2018, 3, 7178-7183.	1.5	0