

Zita Csendes

List of Publications by Year in descending order

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31
papers

581
citations

687363

13
h-index

610901

24
g-index

34
all docs

34
docs citations

34
times ranked

757
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation of Negatively Charged Colloidal Particles in the Presence of Multivalent Cations. <i>Langmuir</i> , 2014, 30, 733-741.	3.5	88
2	Chemoselective Supported Ionic-Liquid-Phase (SILP) Aldehyde Hydrogenation Catalyzed by an Fe(II) PNP Pincer Complex. <i>ACS Catalysis</i> , 2018, 8, 1048-1051.	11.2	59
3	Predicting Aggregation Rates of Colloidal Particles from Direct Force Measurements. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11853-11862.	2.6	54
4	Continuous Conversion of Carbon Dioxide to Propylene Carbonate with Supported Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13131-13139.	6.7	46
5	Mn(II)-amino acid complexes intercalated in CaAl-layered double hydroxide – Well-characterized, highly efficient, recyclable oxidation catalysts. <i>Journal of Catalysis</i> , 2016, 335, 125-134.	6.2	42
6	Histidine-rich branched peptides as Cu(II) and Zn(II) chelators with potential therapeutic application in Alzheimer's disease. <i>Dalton Transactions</i> , 2012, 41, 1713-1726.	3.3	32
7	Toward the Recovery of Platinum Group Metals from a Spent Automotive Catalyst with Supported Ionic Liquid Phases. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 375-386.	6.7	31
8	Mechanochemical synthesis and intercalation of Ca(II)Fe(III)-layered double hydroxides. <i>Journal of Solid State Chemistry</i> , 2016, 233, 236-243.	2.9	28
9	<i>i>E</i>-Selective Manganese-Catalyzed Semihydrogenation of Alkynes with H₂ Directly Employed or In Situ-Generated. <i>ACS Catalysis</i>, 2022, 12, 2253-2260.</i>	11.2	27
10	Cu(II)-amino acid-CaAl-layered double hydroxide complexes, recyclable, efficient catalysts in various oxidative transformations. <i>Journal of Molecular Catalysis A</i> , 2016, 423, 49-60.	4.8	18
11	Synthesis of high-quality, well-characterized CaAlFe-layered triple hydroxide with the combination of dry-milling and ultrasonic irradiation in aqueous solution at elevated temperature. <i>Ultrasonics Sonochemistry</i> , 2016, 32, 173-180.	8.2	16
12	Multinuclear complex formation in aqueous solutions of Ca(II) and heptagluconate ions. <i>Dalton Transactions</i> , 2013, 42, 8460.	3.3	15
13	Structure and equilibria of Ca ²⁺ -complexes of glucose and sorbitol from multinuclear (1H, 13C and) Tj ETQq1 1 0.784314 rgBT /Overlo Structure, 2011, 993, 336-340.	3.6	14
14	The catalytic epoxidation of 2-cyclohexen-1-one over uncalcined layered double hydroxides using various solvents. <i>Catalysis Today</i> , 2015, 241, 231-236.	4.4	13
15	Superoxide dismutase inspired Fe(III)-amino acid complexes covalently grafted onto chloropropylated silica gel – Syntheses, structural characterisation and catalytic activity. <i>Journal of Molecular Structure</i> , 2013, 1044, 39-45.	3.6	12
16	Carbon-based SILP catalysis for the selective hydrogenation of aldehydes using a well-defined Fe(II) PNP complex. <i>Catalysis Science and Technology</i> , 2018, 8, 4812-4820.	4.1	12
17	Using low-frequency IR spectra for the unambiguous identification of metal ion-ligand coordination sites in purpose-built complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 257-259.	3.9	10
18	Superoxide dismutase mimicking Cu(II)-mixed amino acid complexes covalently grafted onto silica gel – an FT-IR study. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 549-555.	3.7	9

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19	Some aspects of the aqueous solution chemistry of the Na ⁺ /Ca ²⁺ /OH ⁻ /Cit ³⁻ system: The structure of a new calcium citrate complex forming under hyperalkaline conditions. <i>Journal of Molecular Structure</i> , 2016, 1118, 110-116.	3.6	8
20	Nonlinear electronic transport and enhanced catalytic behavior caused by native oxides on Cu nanowires. <i>Surface Science</i> , 2017, 663, 16-22.	1.9	8
21	Structural characterisation of silica gel anchored, biomimetic, mixed-ligand Co(II)-amino acid complexes. <i>Vibrational Spectroscopy</i> , 2010, 53, 132-135.	2.2	7
22	Covalently grafted, silica gel supported mixed amino acid iron complexes – Syntheses, structural characterization and catalytic testing. <i>Journal of Molecular Structure</i> , 2011, 993, 203-207.	3.6	7
23	Calcium tartrate complex formation in neutral and in hyperalkaline aqueous solutions. <i>Dalton Transactions</i> , 2016, 45, 17296-17303.	3.3	6
24	Influence of the Ionic Liquid on the Activity of a Supported Ionic Liquid Phase Fe ^{II} Pincer Catalyst for the Hydrogenation of Aldehydes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3503-3510.	2.0	6
25	Synthesis, structural characterisation, and catalytic activity of Mn(II)-protected amino acid complexes covalently immobilised on chloropropylated silica gel. <i>Catalysis Today</i> , 2015, 241, 264-269.	4.4	5
26	Covalently grafted, silica gel supported C-protected cysteine or cystine copper complexes – syntheses, structure and possible surface reactions studied by FT-IR spectroscopy. <i>Journal of Molecular Structure</i> , 2009, 924-926, 166-169.	3.6	4
27	Building, characterising and catalytic activity testing of Co-C-protected amino acid complexes covalently grafted onto chloropropylated silica gel. <i>Journal of Molecular Structure</i> , 2015, 1090, 138-143.	3.6	3
28	Fe-amino acid complexes immobilized on silica gel as active and highly selective catalysts in cyclohexene epoxidation. <i>Research on Chemical Intermediates</i> , 2015, 41, 9155-9169.	2.7	1
29	Ni-Superoxide Dismutase Inspired Ni(II)-Amino Acid Complexes Covalently Grafted onto Merrifield's Resin - Synthesis, Structure and Catalytic Activity. <i>Materials Science Forum</i> , 2012, 730-732, 1012-1017.	0.3	0
30	Superoxide dismutase inspired immobilised Ni(II)-protected amino acid catalysts – Synthesis, characterisation, and catalytic activity. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 93-99.	4.8	0
31	Bioinspired covalently grafted Cu(II)-C protected amino acid complexes: selective catalysts in the epoxidation of cyclohexene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 115, 33-43.	1.7	0