

Sandra Gago

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67
papers

1,569
citations

27
h-index

37
g-index

68
ext. papers

1,700
ext. citations

4.1
avg, IF

4.11
L-index

#	Paper	IF	Citations
67	Highly Luminescent Tris(β-diketonate)europium(III) Complexes Immobilized in a Functionalized Mesoporous Silica. <i>Chemistry of Materials</i> , 2005 , 17, 5077-5084	9.6	166
66	Immobilization of Lanthanide Ions in a Pillared Layered Double Hydroxide. <i>Chemistry of Materials</i> , 2005 , 17, 5803-5809	9.6	84
65	Immobilization of oxomolybdenum species in a layered double hydroxide pillared by 2,2′-bipyridine-5,5′-dicarboxylate anions. <i>Inorganic Chemistry</i> , 2004 , 43, 5422-31	5.1	68
64	Preparation and photophysical characterisation of ZnAl layered double hydroxides intercalated by anionic pyrene derivatives. <i>Journal of Materials Chemistry</i> , 2008 , 18, 894		65
63	Synthesis, structure, and catalytic performance in cyclooctene epoxidation of a molybdenum oxide/bipyridine hybrid material: $[[\text{MoO}_3(\text{bipy})][\text{MoO}_3(\text{H}_2\text{O})]]_n$. <i>Inorganic Chemistry</i> , 2010 , 49, 6865-73	5.1	53
62	Investigation of Molybdenum Tetracarbonyl Complexes As Precursors to MoVI Catalysts for the Epoxidation of Olefins. <i>Organometallics</i> , 2010 , 29, 883-892	3.8	53
61	Dynamics of short as compared with long poly(acrylic acid) chains hydrophobically modified with pyrene, as followed by fluorescence techniques. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 1370-85	3.6	44
60	Synthesis and catalytic properties of molybdenum(VI) complexes with tris(3,5-dimethyl-1-pyrazolyl)methane. <i>Inorganic Chemistry</i> , 2011 , 50, 3490-500	5.1	42
59	Catalytic Epoxidation and Sulfoxidation Activity of a Dioxomolybdenum(VI) Complex Bearing a Chiral Tetradentate Oxazoline Ligand. <i>Catalysis Letters</i> , 2009 , 132, 94-103	2.8	42
58	Amino acid-functionalized cyclopentadienyl molybdenum tricarbonyl complex and its use in catalytic olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 1826-1833	2.3	42
57	Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005 , 236, 1-6		42
56	Synthesis and Catalytic Properties in Olefin Epoxidation of Octahedral Dichloridodioxidomolybdenum(VI) Complexes Bearing N,N-Dialkylamide Ligands: Crystal Structure of $[\text{Mo}_2\text{O}_4(\mu\text{-O})\text{Cl}_2(\text{dmf})_4]$. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4528-4537	2.3	39
55	Incorporation of a (Cyclopentadienyl)molybdenum Oxo Complex in MCM-41 and Its Use as a Catalyst for Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 4914-4920	2.3	39
54	Comparison of liquid-phase olefin epoxidation catalysed by dichlorobis-(dimethylformamide)dioxomolybdenum(VI) in homogeneous phase and grafted onto MCM-41. <i>Journal of Molecular Catalysis A</i> , 2009 , 297, 110-117		38
53	Cyclopentadienyl molybdenum dicarbonyl β-allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of $\text{Cp}^*\text{Mo}(\text{CO})_2(\beta\text{-C}_3\text{H}_5)$ ($\text{Cp}^* = \beta\text{-C}_5\text{H}_4\text{Me}$, $\beta\text{-C}_5\text{Me}_5$). <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2311-2319	2.3	34
52	Microwave-assisted molybdenum-catalysed epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , 2010 , 320, 19-26		34
51	Heterogeneous oxidation catalysts formed in situ from molybdenum tetracarbonyl complexes and tert-butyl hydroperoxide. <i>Applied Catalysis A: General</i> , 2011 , 395, 71-77	5.1	33

50	Oxidative desulfurization strategies using Keggin-type polyoxometalate catalysts: Biphasic versus solvent-free systems. <i>Catalysis Today</i> , 2019 , 333, 226-236	5.3	33
49	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	2.8	31
48	Epoxidation of cyclooctene using soluble or MCM-41-supported molybdenum tetracarbonylpyridylimine complexes as catalyst precursors. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 3543-3550	2.3	30
47	Picosecond dynamics of dimer formation in a pyrene labeled polymer. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 12439-47	3.4	30
46	Liquid-phase oxidation catalysed by copper(II) immobilised in a pillared layered double hydroxide. <i>Journal of Molecular Catalysis A</i> , 2009 , 312, 23-30		29
45	Catalytic olefin epoxidation with cationic molybdenum(VI) cis-dioxo complexes and ionic liquids. <i>Applied Catalysis A: General</i> , 2010 , 372, 67-72	5.1	28
44	β-Cyclodextrin and permethylated β-cyclodextrin inclusion compounds of a cyclopentadienyl molybdenum tricarbonyl complex and their use as cyclooctene epoxidation catalyst precursors. <i>Inorganica Chimica Acta</i> , 2006 , 359, 4757-4764	2.7	28
43	Synthesis and Properties of ZnAl Layered Double Hydroxides Containing Ferrocenecarboxylate Anions. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 1389-1395	2.3	28
42	Desulfurization process conciliating heterogeneous oxidation and liquid extraction: Organic solvent or centrifugation/water?. <i>Applied Catalysis A: General</i> , 2017 , 542, 359-367	5.1	27
41	Mesoporous nanosilica-supported polyoxomolybdate as catalysts for sustainable desulfurization. <i>Microporous and Mesoporous Materials</i> , 2019 , 275, 163-171	5.3	27
40	Contrasting p Shifts in Cucurbit[7]uril Host-Guest Complexes Governed by an Interplay of Hydrophobic Effects and Electrostatic Interactions. <i>ACS Omega</i> , 2017 , 2, 70-75	3.9	24
39	Synthesis and characterization of a manganese(II) acetonitrile complex supported on functionalized MCM-41. <i>Microporous and Mesoporous Materials</i> , 2004 , 76, 131-136	5.3	24
38	Effect of β-cyclodextrin on the chemistry of 3',4',7'-trihydroxyflavylium. <i>New Journal of Chemistry</i> , 2013 , 37, 3166	3.6	23
37	Large-pore silica spheres as support for samarium-coordinated undecamolybdophosphate: Oxidative desulfurization of diesels. <i>Fuel</i> , 2020 , 259, 116213	7.1	23
36	Europium Polyoxometalates Encapsulated in Silica Nanoparticles [Characterization and Photoluminescence Studies. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2877-2886	2.3	21
35	pH-Gated photoresponsive shuttling in a water-soluble pseudorotaxane. <i>Chemical Communications</i> , 2018 , 54, 2743-2746	5.8	19
34	Microwave-assisted synthesis and crystal structure of oxo(diperoxo)(4,4'-di-tert-butyl-2,2'-bipyridine)-molybdenum(VI). <i>Molecules</i> , 2009 , 14, 3610-20	4.8	19
33	Synthesis and characterization of luminescent room temperature ionic liquids based on Ru(bpy)(CN) ₄ (2-). <i>Dalton Transactions</i> , 2013 , 42, 6213-8	4.3	18

32	A novel red emitting material based on polyoxometalate@periodic mesoporous organosilica. <i>Microporous and Mesoporous Materials</i> , 2016 , 234, 248-256	5.3	17
31	Investigation of layered double hydroxides intercalated by oxomolybdenum catecholate complexes. <i>Inorganic Chemistry</i> , 2008 , 47, 8674-86	5.1	15
30	Immobilisation of methyltrioxorhenium on functionalised MCM-41. <i>Microporous and Mesoporous Materials</i> , 2006 , 89, 284-290	5.3	14
29	Polyoxomolybdate based ionic-liquids as active catalysts for oxidative desulfurization of simulated diesel. <i>Polyhedron</i> , 2019 , 170, 762-770	2.7	12
28	Flavylium based dual photochromism: addressing cis-trans isomerization and ring opening-closure by different light inputs. <i>Chemical Communications</i> , 2015 , 51, 7349-51	5.8	11
27	Cobalt(III) sepulchrate complexes: application as sustainable oxidative catalysts. <i>New Journal of Chemistry</i> , 2014 , 38, 2500-2507	3.6	11
26	Oxidation of Ethylbenzene in the Presence of an MCM-41-Supported or Ionic Liquid-Standing Bischlorocopper(II) Complex. <i>Catalysis Letters</i> , 2011 , 141, 1009-1017	2.8	11
25	pH-Driven self-sorting in a four component host-guest system. <i>Chemical Communications</i> , 2017 , 53, 6472-6475	5.8	8
24	Photochromism of the complex between 4'-(2-hydroxyethoxy)-7-hydroxyflavylium and Cyclodextrin, studied by ¹ H NMR, UV-Vis, continuous irradiation and circular dichroism. <i>Dyes and Pigments</i> , 2014 , 110, 106-112	4.6	8
23	Hybrid mesoporous silica grafted with photoisomerizable 2-hydroxychalcones. <i>Microporous and Mesoporous Materials</i> , 2013 , 180, 40-47	5.3	7
22	Crystal and supramolecular structures of dioxomolybdenum(VI) and dioxotungsten(VI) complexes of dihydroxybenzoic acids. <i>Polyhedron</i> , 2010 , 29, 719-730	2.7	7
21	Synthesis and characterization of layered double hydroxides intercalated by an oxomolybdenum complex. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 1011-1015	3.9	7
20	pH-Tunable Fluorescence and Photochromism of a Flavylium-Based MCM-41 Pigment. <i>ACS Omega</i> , 2017 , 2, 122-126	3.9	6
19	Unidirectional switching between two flavylium reaction networks by the action of alternate stimuli of acid and base. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 372-80	2.8	6
18	Synthesis, characterization and photochromism of 3'-butoxyflavylium derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 244, 54-64	4.7	6
17	Heterometallic complexes involving iron(II) and rhenium(VII) centers connected by mu-oxido bridges. <i>Dalton Transactions</i> , 2009 , 10199-207	4.3	6
16	Protonation, coordination chemistry, cyanometallate "supercomplex" formation and fluorescence chemosensing properties of a bis(2,2'-bipyridino)cyclophane receptor. <i>Dalton Transactions</i> , 2014 , 43, 2437-47	4.3	5
15	Effect of Methyl, Hydroxyl, and Chloro Substituents in Position 3 of 3R4R7-Trihydroxyflavylium: Stability, Kinetics, and Thermodynamics. <i>Chemistry - A European Journal</i> , 2016 , 22, 12495-505	4.8	5

14	A blue 4R7-diaminoflavylum cation showing an extended pH range stability. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 8920-5	3.6	4
13	Hiding and unveiling trans-chalcone in a constrained derivative of 4R7-dihydroxyflavylum in water: a versatile photochromic system. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 338-347	3.9	4
12	Application of polyoxometalate-ionic liquids (POM-ILs) in dye-sensitized solar cells (DSSCs). <i>Materials Letters: X</i> , 2020 , 6, 100033	0.5	4
11	Effect of β -Cyclodextrin on the Multistate Species Distribution of 3-Methoxy-4R7-dihydroxyflavylum. Discrimination of the Two Hemiketal Enantiomers. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 6346-6358	5.7	3
10	4Rcarboxy-7-hydroxyflavylum. A multistate system involving twelve species reversibly interconverted by pH and light stimuli. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 4723-31	2.8	3
9	Tripyridinium cis-tetra-chlorido-dioxido-molybdate(VI) chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m862-3		2
8	Boosting Antimicrobial Activity of Ciprofloxacin by Functionalization of Mesoporous Silica Nanoparticles. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
7	Intercalation of (β -Pentamethylcyclopentadienyl)trioxomolybdenum(VI) in a Layered Double Hydroxide. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2408-2416	2.3	1
6	A novel dinuclear MoVI complex with tris(3,5-dimethyl-1H-pyrazol-1-yl)methane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012 , 68, m73-5		1
5	Tetra-pyridinium hexafluorodiphosphato-bis-[chloridodioxidomolybdate(VI)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1005-6		1
4	Ionic Systems and Nanomaterials as Antiseptic and Disinfectant Agents for Surface Applications: A Review. <i>Surfaces</i> , 2021 , 4, 169-190	2.9	1
3	Polyoxometalates-Based Ionic Liquids (POMs-ILs) for Electrochemical Applications. <i>ChemistrySelect</i> , 2020 , 5, 12266-12271	1.8	0
2	Ambipolar pentacyclic diamides with interesting electrochemical and optoelectronic properties. <i>Chemical Communications</i> , 2020 , 56, 14893-14896	5.8	
1	Mesoporous silica nanoparticles with manganese and lanthanide salts: synthesis, characterization and cytotoxicity studies. <i>Dalton Transactions</i> , 2021 , 50, 8588-8599	4.3	