

Sergio Sanz

List of Publications by Year in descending order

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53
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1,649
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430874

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#	ARTICLE	IF	CITATIONS
1	Hybrid lanthanide double-deckers based on calixarene and polyoxometalate units. Dalton Transactions, 2022, 51, 5409-5413.	3.3	6
2	Guest-induced magnetic exchange in paramagnetic $[M_2L_4]^{4+}$ coordination cages. Dalton Transactions, 2022, 51, 8377-8381.	3.3	5
3	Cyclophane with eclipsed pyrene units enables construction of spin interfaces with chemical accuracy. Chemical Science, 2021, 12, 8430-8437.	7.4	8
4	Phosphorylated-calix[4]arene double-deckers of single rare earth metal ions. Chemical Communications, 2021, 57, 8087-8090.	4.1	4
5	Exploiting complementary ligands for the construction of square antiprismatic monometallic lanthanide SMMs. Dalton Transactions, 2021, 50, 9648-9654.	3.3	7
6	$[CrIII8NiII6]^{n+}$ Heterometallic Coordination Cubes. Molecules, 2021, 26, 757.	3.8	1
7	Fusing pyrene and ferrocene into a chiral, redox-active triangle. Chemical Communications, 2021, 57, 6660-6663.	4.1	3
8	An $[FeIII30]$ molecular metal oxide. Chemical Communications, 2021, 58, 52-55.	4.1	9
9	Magneto-structural studies of an unusual $[Mn^{III}Mn^{II}Gd^{III}(OR)_4]^{4+}$ partial cubane from 2,2'-bis(<i>p</i> - <i>tert</i> -Bu-calix[4]arene. Dalton Transactions, 2020, 49, 14790-14797.	3.3	7
10	Phthalocyanine-polyoxotungstate lanthanide double deckers. Dalton Transactions, 2020, 49, 16638-16642.	3.3	11
11	With complements of the ligands: an unusual <i>S</i> -shaped $[Mn_7]^{2+}$ assembly from tethered calixarenes. Dalton Transactions, 2020, 49, 9882-9887.	3.3	4
12	New salicylaldoximate-borate ligands resulting from anion hydrolysis and their respective copper and iron complexes. Dalton Transactions, 2019, 48, 11872-11881.	3.3	4
13	An $[Fe III 34]$ Molecular Metal Oxide. Angewandte Chemie, 2019, 131, 17059-17062.	2.0	4
14	An $[Fe^{III}]_{34}$ Molecular Metal Oxide. Angewandte Chemie - International Edition, 2019, 58, 16903-16906.	13.8	24
15	Modular $[Fe^{III}_8M^{II}_6]^{n+}$ ($M^{II} = Pd, Co, Ni, Cu$) Coordination Cages. Inorganic Chemistry, 2018, 57, 3500-3506.	4.0	17
16	Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. Dalton Transactions, 2018, 47, 15983-15993.	3.3	7
17	$[MIII2MII3]^{n+}$ trigonal bipyramidal cages based on diamagnetic and paramagnetic metalloligands. Chemical Science, 2017, 8, 5526-5535.	7.4	18
18	A New Family of 3 <i>d</i> - <i>f</i> Bis-Calix[4]arene-Supported Clusters. Chemistry - A European Journal, 2017, 23, 14073-14079.	3.3	17

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19	Importance of Steric Influences in the Construction of Multicomponent Hybrid Polymetallic Clusters. <i>Inorganic Chemistry</i> , 2017, 56, 10044-10053.	4.0	8
20	The remarkable influence of <i>N</i> , <i>O</i> -ligands in the assembly of a bis-calix[4]arene-supported [Mn ^{IV} 2Mn ^{III} 10Mn ^{II} 8] cluster. <i>Dalton Transactions</i> , 2017, 46, 16807-16811.	3.3	11
21	Bis-Calix[4]arenes: From Ligand Design to the Directed Assembly of a Metal-Organic Trigonal Antiprism. <i>Chemistry - A European Journal</i> , 2016, 22, 8791-8795.	3.3	9
22	[Cr ^{III} ₈ M ^{II} ₆] ⁿ⁺ (M ^{II} = Cu, Co) face-centred, metallosupramolecular cubes. <i>CrystEngComm</i> , 2016, 18, 4914-4920.	2.6	10
23	A Facile Synthetic Route to a Family of Mn ^{III} Monomers and Their Structural, Magnetic and Spectroscopic Studies. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5123-5131.	2.0	3
24	Core expansion of bis-calix[4]arene-supported clusters. <i>Chemical Communications</i> , 2016, 52, 14246-14249.	4.1	13
25	Copper Keplerates: High-Symmetry Magnetic Molecules. <i>ChemPhysChem</i> , 2016, 17, 55-60.	2.1	19
26	Mono- and tetra-nuclear copper complexes bearing bis(imino)phenoxide derived ligands: catalytic evaluation for benzene oxidation and ROP of μ -caprolactone. <i>RSC Advances</i> , 2015, 5, 57414-57424.	3.6	10
27	[Cr ^{III} ₈ M ^{II} ₆] ¹²⁺ Coordination Cubes (M ^{II} =Cu,Co). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6761-6764.	13.8	42
28	Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled [Ln ^{III} 6Zn ^{II} 2] cages. <i>Dalton Transactions</i> , 2015, 44, 10315-10320.	3.3	27
29	Turning a "useless" ligand into a "useful" ligand: a magneto-structural study of an unusual family of Cu ^{II} wheels derived from functionalised phenolic oximes. <i>Dalton Transactions</i> , 2015, 44, 10177-10187.	3.3	5
30	Crystal structure of 2-hydroxy-N-(2-hydroxyethyl)-N-{2-hydroxy-3-[(E)-N-hydroxyethanimidoyl]-5-methylbenzyl}ethaniminium acetate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o186-o187.	0.5	0
31	Combining Complementary Ligands into one Framework for the Construction of a Ferromagnetically Coupled [Mn ^{III} ₁₂] Wheel. <i>Chemistry - A European Journal</i> , 2014, 20, 3010-3013.	3.3	20
32	Converting an hexametallc Mn ^{III} wheel to a dodecametallic Mn ^{III} wheel via ligand oximation. <i>Chemical Communications</i> , 2014, 50, 3310-3312.	4.1	13
33	A discrete neutral transition-metal citrate cubane with an M ₄ O ₄ core; coordinative versatility of the [M ^{III} (citrate) ₄] ⁸⁻ fragment. <i>Dalton Transactions</i> , 2014, 43, 10700.	3.3	1
34	Combining oxime-based [Mn ₆] clusters with cyanometalates: 1D chains of [Mn ₆] SMMs from [M(CN) ₂] ⁿ⁺ (M = Au, Ag). <i>Dalton Transactions</i> , 2014, 43, 4622-4625.	3.3	7
35	High nuclearity Ni(ⁱⁱ) cages from hydroxamate ligands. <i>RSC Advances</i> , 2014, 4, 38182-38191.	3.6	15
36	Bulking up: Hexanuclear oximate Fe(III) complexes surrounded by sterically demanding co-ligands. <i>Inorganica Chimica Acta</i> , 2014, 421, 416-422.	2.4	5

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37	A truncated [MnIII ₁₂] tetrahedron from oxime-based [MnIII ₃ O] building blocks. Dalton Transactions, 2014, 43, 10690-10694.	3.3	17
38	Progressive decoration of pentanuclear Cu(ii) 12-metallacrown-4 nodes towards targeted 1- and 2D extended networks. CrystEngComm, 2013, 15, 6672.	2.6	27
39	Titelbild: Proton Cascade in a Molecular Solid: H/D Exchange on Mobile and Immobile Water (Angew.) Tj ETQq1 1 0,784314 rgBT /Ove	2.0	8
40	Proton Cascade in a Molecular Solid: H/D Exchange on Mobile and Immobile Water. Angewandte Chemie - International Edition, 2013, 52, 13463-13467.	13.8	16
41	Calix[4]arene-supported rare earth octahedra. Chemical Communications, 2012, 48, 1449-1451.	4.1	65
42	p-tert-Butylcalix[8]arene: An Extremely Versatile Platform for Cluster Formation. Chemistry - A European Journal, 2012, 18, 16014-16022.	3.3	33
43	Calix[4]arene-supported FeIII ₂ LnIII ₂ clusters. Chemical Communications, 2011, 47, 9042.	4.1	75
44	p-tert-Butylcalix[8]arene: A support for sodium and sodium-manganese clusters that exhibit interesting self-assembly properties. Dalton Transactions, 2011, 40, 12265.	3.3	12
45	Water-Soluble Ir ^{III} N-Heterocyclic Carbene Based Catalysts for the Reduction of CO ₂ to Formate by Transfer Hydrogenation and the Deuteration of Aryl Amines in Water. Chemistry - A European Journal, 2011, 17, 3963-3967.	3.3	156
46	A New Approach to the Reduction of Carbon Dioxide: CO ₂ Reduction to Formate by Transfer Hydrogenation in iPrOH. Organometallics, 2010, 29, 275-277.	2.3	102
47	(p-6-arene)Ru(bis-NHC) complexes for the reduction of CO ₂ to formate with hydrogen and by transfer hydrogenation with iPrOH. Dalton Transactions, 2010, 39, 6339.	3.3	121
48	Sulfonate-Functionalized NHC-Based Ruthenium Catalysts for the Isomerization of Allylic Alcohols in Water. Recyclability Studies. Organometallics, 2010, 29, 3661-3664.	2.3	76
49	Homogenous Catalysis with Gold: Efficient Hydration of Phenylacetylene in Aqueous Media. Organometallics, 2007, 26, 952-957.	2.3	113
50	Gold compounds as efficient co-catalysts in palladium-catalysed alkynylation. Catalysis Today, 2007, 122, 403-406.	4.4	61
51	Homogeneous gold-catalyzed hydrosilylation of aldehydes. Journal of Organometallic Chemistry, 2007, 692, 1799-1805.	1.8	44
52	Water-Soluble and Water-Stable Organometallic Gold(II) Complexes. Organometallics, 2006, 25, 3084-3087.	2.3	62
53	Organometallic Gold(III) Compounds as Catalysts for the Addition of Water and Methanol to Terminal Alkynes. Journal of the American Chemical Society, 2003, 125, 11925-11935.	13.7	281