Sergio Sanz

List of Publications by Year in descending order

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53 papers	1,649 citations	430874 18 h-index	289244 40 g-index
57 all docs	57 docs citations	57 times ranked	2052 citing authors

#	Article	IF	Citations
1	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
2	Waterâ€Soluble Ir^{III} Nâ€Heterocyclic Carbene Based Catalysts for the Reduction of CO₂ to Formate by Transfer Hydrogenation and the Deuteration of Aryl Amines in Water. Chemistry - A European Journal, 2011, 17, 3963-3967.	3.3	156
3	â€˜(Î·6-arene)Ru(bis-NHC)â€™ complexes for the reduction of CO2 to formate with hydrogen and by transfer hydrogenation with iPrOH. Dalton Transactions, 2010, 39, 6339.	3.3	121
4	Homogenous Catalysis with Gold:Â Efficient Hydration of Phenylacetylene in Aqueous Media. Organometallics, 2007, 26, 952-957.	2.3	113
5	A New Approach to the Reduction of Carbon Dioxide: CO₂ Reduction to Formate by Transfer Hydrogenation in iPrOH. Organometallics, 2010, 29, 275-277.	2.3	102
6	Sulfonate-Functionalized NHC-Based Ruthenium Catalysts for the Isomerization of Allylic Alcohols in Water. Recyclability Studies. Organometallics, 2010, 29, 3661-3664.	2.3	76
7	Calix[4]arene-supported FeIII2LnIII2 clusters. Chemical Communications, 2011, 47, 9042.	4.1	75
8	Calix[4]arene-supported rare earth octahedra. Chemical Communications, 2012, 48, 1449-1451.	4.1	65
9	Water-Soluble and Water-Stable Organometallic Gold(II) Complexes. Organometallics, 2006, 25, 3084-3087.	2.3	62
10	Gold compounds as efficient co-catalysts in palladium-catalysed alkynylation. Catalysis Today, 2007, 122, 403-406.	4.4	61
11	Homogeneous gold-catalyzed hydrosilylation of aldehydes. Journal of Organometallic Chemistry, 2007, 692, 1799-1805.	1.8	44
12	[Cr^{III}₈M^{II}₆]¹²⁺ Coordination Cubes (M^{II}=Cu,â€‰Co). Angewandte Chemie - International Edition, 2015, 54, 6761-6764.	13.8	42
13	pâ€tertâButylcalix[8]arene: An Extremely Versatile Platform for Cluster Formation. Chemistry - A European Journal, 2012, 18, 16014-16022.	3.3	33
14	Progressive decoration of pentanuclear Cu(ii) 12-metallacrown-4 nodes towards targeted 1- and 2D extended networks. CrystEngComm, 2013, 15, 6672.	2.6	27
15	Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled [LnIII6ZnII2] cages. Dalton Transactions, 2015, 44, 10315-10320.	3.3	27
16	An [Fe^{III}₃₄] Molecular Metal Oxide. Angewandte Chemie - International Edition, 2019, 58, 16903-16906.	13.8	24
17	Combining Complementary Ligands into one Framework for the Construction of a Ferromagnetically Coupled [Mn^{III}₁₂] Wheel. Chemistry - A European Journal, 2014, 20, 3010-3013.	3.3	20
18	Copper Keplerates: Highâ€Symmetry Magnetic Molecules. ChemPhysChem, 2016, 17, 55-60.	2.1	19

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19	[MIII2MII3]ⁿ⁺ trigonal bipyramidal cages based on diamagnetic and paramagnetic metalloligands. Chemical Science, 2017, 8, 5526-5535.	7.4	18
20	A truncated [MnIII12] tetrahedron from oxime-based [MnIII3O] building blocks. Dalton Transactions, 2014, 43, 10690-10694.	3.3	17
21	A New Family of 3dâ€“4f Bisâ€Calix[4]areneâ€Supported Clusters. Chemistry - A European Journal, 2017, 23, 14073-14079.	3.3	17
22	Modular [Fe^{III}₈M^{II}₆]ⁿ⁺ (M^{II} = Pd, Co, Ni, Cu) Coordination Cages. Inorganic Chemistry, 2018, 57, 3500-3506.	4.0	17
23	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
24	High nuclearity Ni(<scp>ii</scp>) cages from hydroxamate ligands. RSC Advances, 2014, 4, 38182-38191.	3.6	15
25	â€œConvertingâ€•an hexametallic Mn^{III} wheel to a dodecametallic Mn^{III} wheel via ligand oximation. Chemical Communications, 2014, 50, 3310-3312.	4.1	13
26	Core expansion of bis-calix[4]arene-supported clusters. Chemical Communications, 2016, 52, 14246-14249.	4.1	13
27	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
28	The remarkable influence of N,O-ligands in the assembly of a bis-calix[4]arene-supported [MnIV2MnIII10MnII8] cluster. Dalton Transactions, 2017, 46, 16807-16811.	3.3	11
29	Phthalocyanine-polyoxotungstate lanthanide double deckers. Dalton Transactions, 2020, 49, 16638-16642.	3.3	11
30	Mono- and tetra-nuclear copper complexes bearing bis(imino)phenoxide derived ligands: catalytic evaluation for benzene oxidation and ROP of Îµ-caprolactone. RSC Advances, 2015, 5, 57414-57424.	3.6	10
31	[Cr^{III}₈M^{II}₆]ⁿ⁺ (M^{II} = Cu, Co) face-centred, metallosupramolecular cubes. CrystEngComm, 2016, 18, 4914-4920.	2.6	10
32	Bisâ€Calix[4]arenes: From Ligand Design to the Directed Assembly of a Metalâ€“Organic Trigonal Antiprism. Chemistry - A European Journal, 2016, 22, 8791-8795.	3.3	9
33	An [FeIII30] molecular metal oxide. Chemical Communications, 2021, 58, 52-55.	4.1	9
34	Importance of Steric Influences in the Construction of Multicomponent Hybrid Polymetallic Clusters. Inorganic Chemistry, 2017, 56, 10044-10053.	4.0	8
35	Cyclophane with eclipsed pyrene units enables construction of spin interfaces with chemical accuracy. Chemical Science, 2021, 12, 8430-8437.	7.4	8
36	Combining oxime-based [Mn₆] clusters with cyanometalates: 1D chains of [Mn₆] SMMs from [M(CN)₂]^{â^'} (M = Au, Ag). Dalton Transactions, 2014, 43, 4622-4625.	3.3	7

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37	Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. Dalton Transactions, 2018, 47, 15983-15993.	3.3	7
38	Magneto-structural studies of an unusual [Mn^{III}Mn^{II}Gd^{III}(OR)₄]^{4â^'} partial cubane from 2,2â€²-bis-p-^tBu-calix[4]arene. Dalton Transactions, 2020, 49, 14790-14797.	3.3	7
39	Exploiting complementary ligands for the construction of square antiprismatic monometallic lanthanide SMMs. Dalton Transactions, 2021, 50, 9648-9654.	3.3	7
40	Hybrid lanthanide double-deckers based on calixarene and polyoxometalate units. Dalton Transactions, 2022, 51, 5409-5413.	3.3	6
41	Bulking up: Hexanuclear oximato Fe(III) complexes surrounded by sterically demanding co-ligands. Inorganica Chimica Acta, 2014, 421, 416-422.	2.4	5
42	Turning a â€œuselessâ€•ligand into a â€œusefulâ€•ligand: a magneto-structural study of an unusual family of Cu^{II} wheels derived from functionalised phenolic oximes. Dalton Transactions, 2015, 44, 10177-10187.	3.3	5
43	Guest-induced magnetic exchange in paramagnetic [M₂L₄]⁴⁺ coordination cages. Dalton Transactions, 2022, 51, 8377-8381.	3.3	5
44	New salicylaldoximato-borate ligands resulting from anion hydrolysis and their respective copper and iron complexes. Dalton Transactions, 2019, 48, 11872-11881.	3.3	4
45	An [Fe III 34] Molecular Metal Oxide. Angewandte Chemie, 2019, 131, 17059-17062.	2.0	4
46	With complements of the ligands: an unusual S-shaped [Mn₇]₂ assembly from tethered calixarenes. Dalton Transactions, 2020, 49, 9882-9887.	3.3	4
47	Phosphorylated-calix[4]arene double-deckers of single rare earth metal ions. Chemical Communications, 2021, 57, 8087-8090.	4.1	4
48	A Facile Synthetic Route to a Family of MnIIIMonomers and Their Structural, Magnetic and Spectroscopic Studies. European Journal of Inorganic Chemistry, 2016, 2016, 5123-5131.	2.0	3
49	Fusing pyrene and ferrocene into a chiral, redox-active triangle. Chemical Communications, 2021, 57, 6660-6663.	4.1	3
50	A discrete neutral transition-metal citrate cubane with an M4O4 core; coordinative versatility of the [MII4(citrate)4]8â^' fragment. Dalton Transactions, 2014, 43, 10700.	3.3	1
51	[CrIII8NiII6]n+ Heterometallic Coordination Cubes. Molecules, 2021, 26, 757.	3.8	1
52	Titelbild: Proton Cascade in a Molecular Solid: H/D Exchange on Mobile and Immobile Water (Angew.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	0
53	Crystal structure of 2-hydroxy-N-(2-hydroxyethyl)-N-{2-hydroxy-3-[(E)-N-hydroxyethanimidoyl]-5-methylbenzyl}ethanaminium acetate monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o186-o187.	0.5	0