

Antonio Alberola

List of Publications by Year in descending order

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45
papers

1,590
citations

304743

22
h-index

289244

40
g-index

49
all docs

49
docs citations

49
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	A short, versatile route towards benzothiadiazinyl radicals. <i>Chemical Science</i> , 2021, 13, 149-158.	7.4	2
2	Titelbild: On the Design of Radical-Radical Cocrystals (<i>Angew. Chem.</i> 5/2019). <i>Angewandte Chemie</i> , 2019, 131, 1233-1233.	2.0	0
3	On the Design of Radical-Radical Cocrystals. <i>Angewandte Chemie</i> , 2019, 131, 1385-1389.	2.0	3
4	On the Design of Radical-Radical Cocrystals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1371-1375.	13.8	15
5	An unusual single-crystal-to-single-crystal [2 + 2] photocyclisation reaction of a TTF-arylnitrile derivative. <i>CrystEngComm</i> , 2014, 16, 7268-7277.	2.6	4
6	Weakening of the Cl^{\bullet} dimerisation in 1,2,3,5-dithiadiazolyl radicals: structural, EPR, magnetic and computational studies of dichlorophenyl dithiadiazolyls, $\text{Cl}_2\text{C}_6\text{H}_3\text{CNSSN}$. <i>CrystEngComm</i> , 2014, 16, 7298.	2.6	17
7	Molecular tailoring of spin-transition materials: preparation, crystal structure and magnetism of trifluoromethyl-pyridyl-1,3,2-dithiazolyl. <i>CrystEngComm</i> , 2011, 13, 1794.	2.6	31
8	Crystal structures, EPR and magnetic properties of $2\text{-ClC}_6\text{H}_4\text{CNSSN}^{\bullet}$ and $2,5\text{-Cl}_2\text{C}_6\text{H}_3\text{CNSSN}^{\bullet}$. <i>Chemical Communications</i> , 2011, 47, 2532.	4.1	35
9	Two Stage Magnetic Ordering and Spin Idle Behavior of the Coordination Polymer $\text{Co}_3(\text{OH})_2(\text{C}_4\text{O}_4)_2\text{A} \cdot 3\text{H}_2\text{O}$ Determined Using Neutron Diffraction. <i>Inorganic Chemistry</i> , 2011, 50, 2246-2251.	4.0	18
10	Use of a cubane-type Mo_3CoS_4 molecular cluster as paramagnetic unit in the synthesis of hybrid charge-transfer salts. <i>Inorganica Chimica Acta</i> , 2010, 363, 4197-4201.	2.4	6
11	Unexpected transformation of a diamagnetic $\text{Mo}_3(\text{S})_3$ to a paramagnetic $\text{Mo}_3(\text{S})_2$ cluster core by reaction of $[\text{Mo}_3\text{S}_4(\text{dppe})_3\text{Br}_3]\text{PF}_6$ with $t\text{BuSNa}$. <i>Dalton Transactions</i> , 2010, 39, 8875.	3.3	15
12	Synthesis of brominated tetrathiafulvalenes via phosphite-mediated cross-coupling. <i>Synthetic Metals</i> , 2010, 160, 1797-1799.	3.9	4
13	A Chiral Ferromagnetic Molecular Metal. <i>Journal of the American Chemical Society</i> , 2010, 132, 9271-9273.	13.7	85
14	Spin-Spin Interactions in Porphyrin-Based Monoverdazyl Radical Hybrid Spin Systems. <i>Inorganic Chemistry</i> , 2010, 49, 3516-3524.	4.0	38
15	Synthesis and characterisation of 3,4-dialkoxy-substituted benzo-1,3,2-dithiazolyl radicals. <i>Chemical Communications</i> , 2010, 46, 6114.	4.1	28
16	Bis[(trimethylsilyl)methyl]manganese: Structural Variations of Its Solvent-Free and TMEDA-, Pyridine-, and Dioxane-Complexed Forms. <i>Organometallics</i> , 2009, 28, 2112-2118.	2.3	31
17	Molecular Conductors Based on the Mixed-Valence Polyoxometalates $[\text{SMo}_2\text{O}_4]^{n-}$ ($n = 3$ and 4) and the Organic Donors Bis(ethylenedithio)tetrathiafulvalene and Bis(ethylenedithio)tetraselenafulvalene. <i>Inorganic Chemistry</i> , 2009, 48, 11314-11324.	4.0	22
18	A Density Functional Theory Study of the Magnetic Exchange Coupling in Dinuclear Manganese(II) Inverse Crown Structures. <i>Journal of Physical Chemistry A</i> , 2009, 113, 14008-14013.	2.5	17

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19	Tetranuclear Lanthanide Aqua Hydroxo Complexes with Macrocyclic Ligand Cucurbit[6]uril. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 416-424.	2.0	86
20	Towards understanding of magnetic interactions within a series of tetrathiafulvalene- π -conjugated-verdazyl diradical cation system: a density functional theory study. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 857-864.	2.8	60
21	Halogen bonding interactions with the $[\text{Mo}_3\text{S}_7\text{Cl}_6]^{2-}$ cluster anion in the mixed valence salt $[\text{EDT-TTFI}_2]_4[\text{Mo}_3\text{S}_7\text{Cl}_6]\cdot\text{CH}_3\text{CN}$. <i>New Journal of Chemistry</i> , 2008, 32, 1103.	2.8	24
22	Polymorphism in a π -Stacked 1,3,2-Dithiazolyl Radical: Pyridyl-1,3,2-Dithiazolyl. <i>Crystal Growth and Design</i> , 2008, 8, 155-161.	3.0	40
23	Synthesis and Molecular and Electronic Structures of a Series of Mo_3CoSe_4 Cluster Complexes with Three Different Metal Electron Populations. <i>Inorganic Chemistry</i> , 2008, 47, 3661-3668.	4.0	9
24	A Novel Bis Tridentate Bipyridine Carboxamide Ligand and Its Complexation to Copper(II): Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 2007, 46, 8560-8568.	4.0	28
25	Preparation and Coordination Complex of the First Imine-Bridged Tetrathiafulvalene- π -Pyridine Donor Ligand. <i>Inorganic Chemistry</i> , 2007, 46, 3807-3809.	4.0	44
26	Structural diversity in charge transfer salts based on Mo_3S_7 and $\text{Mo}_3\text{S}_4\text{Se}_3$ clusters complexes and bis(ethylenedithio)tetrathiafulvalene (ET). <i>Journal of Materials Chemistry</i> , 2007, 17, 3440.	6.7	26
27	Synthesis and characterization of a TTF- π -verdazyl radical—a new building block for conducting and/or magnetic systems. <i>New Journal of Chemistry</i> , 2007, 31, 1973.	2.8	26
28	Rational Design of a Covalently Tethered Dinuclear $[\text{Mn}(\text{N}_3\text{O}_2)\text{Cl}(\text{OH}_2)]_2$ +Macrocyclic Building Block: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2007, 46, 4763-4765.	4.0	25
29	Chapter 12.1. Stable Chalcogen Radicals. , 2007, , 733-762.		1
30	New synthetic pathways into dithiazolyl radicals: Preparation and characterisation of 3- π -methyl-benzo-1,3,2-dithiazolyl, $\text{M}^{\text{TM}}\text{BDTA}$. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2743-2749.	1.8	17
31	Structural control of dithiazolyl radicals: Case studies on 3- π - and 4- π -cyano-benzo-1,3,2-dithiazolyl, $\text{NCC}_6\text{H}_3\text{S}_2\text{N}$. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2750-2760.	1.8	22
32	Radical Salts of Bis(ethylenediseleno)tetrathiafulvalene with Paramagnetic Tris(oxalato)metalate Anions. <i>Inorganic Chemistry</i> , 2006, 45, 10815-10824.	4.0	21
33	Spin Transitions in a Dithiazolyl Radical: Preparation, Crystal Structures, and Magnetic Properties of 3-Cyanobenzo-1,3,2-dithiazolyl, $\text{C}_7\text{H}_3\text{S}_2\text{N}_2$. <i>Inorganic Chemistry</i> , 2006, 45, 1903-1905.	4.0	65
34	Thiazyl radicals: old materials for new molecular devices. <i>Journal of Materials Chemistry</i> , 2006, 16, 2560.	6.7	240
35	Electron correlation effects in quasi-two-dimensional molecular magnetic conductors studied by photoemission. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 266-270.	4.0	0
36	Efficient synthesis of brominated tetrathiafulvalene (TTF) derivatives: solid-state structure and electrochemical behaviour. <i>Tetrahedron</i> , 2006, 62, 8152-8157.	1.9	9

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37	Hybrid Magnetic Materials Based on Nitroxide Free Radicals and Extended Oxalato-Bridged Bimetallic Networks. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 389-400.	2.0	23
38	Crystal structures and magnetic properties of a sterically encumbered dithiadiazolyl radical, 2,4,6-(F3C)3C6H2CNSSN [•] . <i>Chemical Communications</i> , 2005, , 4726.	4.1	45
39	EPR studies on the thiophenodithiazolyl radical, C4H2S3N [•] . <i>Dalton Transactions</i> , 2005, , 3838.	3.3	16
40	Synthesis and Magnetic Properties of the Novel Dithiadiazolyl Radical, p-NCC6F4C6F4CNSSN. <i>Molecules</i> , 2004, 9, 771-781.	3.8	32
41	Antiferromagnetic resonance studies in molecular magnetic materials. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 727-731.	4.0	16
42	SYNTHESIS AND CHARACTERISATION OF TETRAFLUOROBENZO-1,3,2-DITHIAZOLYL. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 979-980.	1.6	8
43	A Thiazyl-Based Organic Ferromagnet. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4782-4785.	13.8	130
44	Antiferromagnetic Resonance Studies on the Spin-Canted Molecular Magnet [•] p-NCC6F4CNSSN. <i>Journal of Physical Chemistry B</i> , 2003, 107, 14158-14160.	2.6	12
45	A Molecular Metal Ferromagnet from the Organic Donor Bis(ethylenedithio)tetraselenafulvalene and Bimetallic Oxalate Complexes. <i>Journal of the American Chemical Society</i> , 2003, 125, 10774-10775.	13.7	179