

Anna DoÅ,Äga

List of Publications by Year in descending order

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papers

1,146
citations

430843

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434170

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72
docs citations

72
times ranked

1217
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources and fate of microplastics in marine and beach sediments of the Southern Baltic Seaâ€”a preliminary study. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7650-7661.	5.3	229
2	Atmospheric deposition of microplastics in the coastal zone: Characteristics and relationship with meteorological factors. <i>Science of the Total Environment</i> , 2021, 761, 143272.	8.0	124
3	Alcohol dehydrogenase and its simple inorganic models. <i>Coordination Chemistry Reviews</i> , 2010, 254, 916-937.	18.8	67
4	Electrochemical glucose sensor based on the glucose oxidase entrapped in chitosan immobilized onto laser-processed Au-Ti electrode. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129409.	7.8	54
5	Copper(II) complexes with substituted imidazole and chlorido ligands: X-ray, UVâ€”Vis, magnetic and EPR studies and chemotherapeutic potential. <i>Polyhedron</i> , 2013, 65, 288-297.	2.2	43
6	Formation, crystal and molecular structures of heteroleptic zinc(II) tri-tert-butoxysilanethiolates with ZnNO ₂ S ₂ and ZnN ₂ S ₂ coordination pattern. <i>Inorganica Chimica Acta</i> , 2004, 357, 461-467.	2.4	28
7	Biomimetic zinc(II) and cobalt(II) complexes with tri-tert-butoxysilanethiolate and imidazole ligands â€” Structural and spectroscopic studies. <i>Inorganica Chimica Acta</i> , 2009, 362, 5085-5096.	2.4	28
8	Modeling of the Alcohol Dehydrogenase Active Site: Two Different Modes of Alcohol Binding in Crystals of Zinc and Cadmium Tri-tert-butoxysilanethiolates Evidenced by Xâ€”ray Diffraction and Solidâ€”State Vibrational Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3644-3660.	2.0	27
9	Mixed-ligand complexes of zinc(II), cobalt(II) and cadmium(II) with sulfur, nitrogen and oxygen ligands. Analysis of the solid state structure and solution behavior. Implications for metal ion substitution in alcohol dehydrogenase. <i>Polyhedron</i> , 2011, 30, 1191-1200.	2.2	25
10	Zinc tri-tert-butoxysilanethiolates. Syntheses, properties and crystal and molecular structures of [Zn{1/4-SSi(OBut) ₃ }(acac) ₂] and [(ButO) ₃ SiS}(H ₂ O) ₂ Zn{1/4-SSi(OBut) ₃ }Zn(acac){SSi(OBut) ₃ }. <i>Polyhedron</i> , 2001, 20, 949-956.	2.2	22
11	Anticancer and antimicrobial properties of novel Î ⁶ -cymene ruthenium(II) complexes containing a N,S-type ligand, their structural and theoretical characterization. <i>RSC Advances</i> , 2019, 9, 38629-38645.	3.6	22
12	The geometry of free-standing titania nanotubes as a critical factor controlling their optical and photoelectrochemical performance. <i>Surface and Coatings Technology</i> , 2020, 389, 125628.	4.8	22
13	Cadmium tri-tert-butoxysilanethiolates: Structural and spectroscopic models of metal sites in proteins. <i>Inorganica Chimica Acta</i> , 2007, 360, 2973-2982.	2.4	21
14	Weak hydrogen bonding interaction Sâ€”Hâ€”OC studied by FT-IR spectroscopy and DFT calculations. <i>Journal of Molecular Structure</i> , 2016, 1103, 217-223.	3.6	21
15	Novel zinc complexes with acetylacetonate, imidazole and thiolate ligands: Crystal structure of a zinc complex of relevance to farnesyl transferase. <i>Inorganic Chemistry Communication</i> , 2009, 12, 823-827.	3.9	20
16	Intramolecular Interactions in Crystals of Tris(2,6-diisopropylphenoxy)silanethiol and Its Sodium Salts. <i>Inorganic Chemistry</i> , 2012, 51, 836-843.	4.0	20
17	Self-assembly of zinc and cobalt complexes mimicking active site of alcohol dehydrogenase. <i>Inorganic Chemistry Communication</i> , 2008, 11, 847-850.	3.9	19
18	Structural Variety of Cobalt(II), Nickel(II), Zinc(II), and Cadmium(II) Complexes with 4,4â€”azopyridine: Synthesis, Structure and Luminescence Properties. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2388-2396.	3.3	19

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19	Thermogravimetry of heteroleptic zinc tri-tert-butoxysilanethiolates: synthesis and crystal structure of bis(tri-tert-butoxysilanethiolato)(pyridine) zinc(II). <i>Thermochimica Acta</i> , 2005, 429, 103-109.	2.7	14
20	Novel approach to interference analysis of glucose sensing materials coated with Nafion. <i>Bioelectrochemistry</i> , 2020, 135, 107575.	4.6	14
21	Two isomorphous Zn ^{II} /Co ^{II} complexes with tri-tert-butoxysilanethiol and histamine, and (4-hydroxymethyl-1H-imidazole- \hat{N})bis(tri-tert-butoxysilanethiolato- \hat{N}) ₂ O, \hat{S} zinc(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, m259-m263.	0.4	13
22	Imidazolium silanethiolates relevant to the active site of cysteine proteases. A cooperative effect in a chain of NH ⁺ âˆ“S ⁻ hydrogen bonds. <i>New Journal of Chemistry</i> , 2012, 36, 1574.	2.8	13
23	Histaminol and Its Complexes with Copper(II) - Studies in Solid State and Solution. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1399-1408.	2.0	13
24	Reaction of bis[bis(tri-tert-butoxysilanethiolato) cadmium(II)] with 3,5-dimethylpyridine - ¹¹³ Cd NMR solution study. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 410-415.	1.9	12
25	Tri(mesityloxy)silanethiol â€“ The First Structurally Characterized Organoxysilanethiol (Contributions) Tj ETQq1 1 0.784314 rgBT /Overl Chemie, 2010, 636, 685-687.	1.2	11
26	Syntheses, spectroscopic and structural properties of phenoxyisilyl compounds: X-ray structures, FT-IR and DFT calculations. <i>Journal of Molecular Structure</i> , 2013, 1054-1055, 359-366.	3.6	11
27	Mononuclear sodium(I) and copper(I) silanethiolates. <i>Inorganic Chemistry Communication</i> , 2014, 40, 69-72.	3.9	11
28	Structural, spectral and magnetic properties of Ni(ⁱⁱ), Co(ⁱⁱ) and Cd(ⁱⁱ) compounds with imidazole derivatives and silanethiolate ligands. <i>CrystEngComm</i> , 2017, 19, 3506-3518.	2.6	11
29	Modeling and MANOVA studies on toxicity and endocrine potential of packaging materials exposed to different extraction schemes. <i>Environmental Research</i> , 2018, 165, 294-305.	7.5	10
30	Structural, magnetic and spectral properties of tetrahedral cobalt(ⁱⁱ) silanethiolates: a variety of structures and manifestation of field-induced slow magnetic relaxation. <i>Dalton Transactions</i> , 2020, 49, 697-710.	3.3	10
31	Synthesis and characterization of mononuclear Zn(ii), Co(ii) and Ni(ii) complexes containing a sterically demanding silanethiolate ligand derived from tris(2,6-diisopropylphenoxy)silanethiol. <i>Dalton Transactions</i> , 2014, 43, 12766.	3.3	9
32	Insightful Analysis of Phenomena Arising at the Metal Polymer Interphase of Au-Ti Based Non-Enzymatic Glucose Sensitive Electrodes Covered by Nafion. <i>Coatings</i> , 2020, 10, 810.	2.6	9
33	A comparison of cuticular hydrocarbons of larvae and beetles of the Tribolium destructor. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1990, 96, 815-819.	0.2	8
34	($\hat{1}$ / ₂ -4,4â€“Bipyridyl- \hat{N}) ₂ N: \hat{N})bis[bis(tri-tert-butoxysilanothiolato- \hat{N}) ₂ O]cadmium(II)] tetrahydrofuran disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m1434-m1436.	0.2	8
35	Silver complexes stabilized by large silanethiolate ligands â€“ crystal structures and luminescence properties. <i>Dalton Transactions</i> , 2017, 46, 11097-11107.	3.3	8
36	Unassisted formation of hemiaminal ether from 4-aminopyridine and o-vanillin - experimental and theoretical study. <i>Structural Chemistry</i> , 2018, 29, 1189-1200.	2.0	8

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37	(3,5-Dimethylpyridine)bis(tri-tert-butoxysilanethiolato)zinc(II). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m2582-m2584.	0.2	7
38	(4-Hydroxymethyl-1H-imidazole-Î²N3)bis(tri-tert-butoxysilanethiolato-Î²2O,S)cadmium(II). Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m1515-m1515.	0.2	7
39	A Cu/Zn heterometallic complex with solvent-binding cavity, catalytic activity for the oxidation of 1-phenylethanol and unusual magnetic properties. Dalton Transactions, 2019, 48, 17780-17791.	3.3	7
40	The Syntheses and Crystal Structures of the First Disiloxaneâ€”1,3â€”dithiol and Its Cadmium Complex. European Journal of Inorganic Chemistry, 2015, 2015, 3059-3065.	2.0	6
41	(3,5-Dimethylpyridine)bis(tri-tert-butoxysilanethiolato)cadmium(II). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m636-m639.	0.2	5
42	Bromidotetrakis(2-isopropyl-1H-imidazole-Î²N3)copper(II) bromide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1338-m1338.	0.2	5
43	Proton transfer and hydrogen bonds in supramolecular, self-assembled structures of imidazolium silanethiolates. X-ray, spectroscopic and theoretical studies. Polyhedron, 2016, 115, 9-16.	2.2	5
44	Comparison of the coordination geometries of Zn(II) and Cd(II) ions in complexes with water, methanol and bulky aryloxysilanethiolate ligands. Polyhedron, 2016, 115, 219-227.	2.2	5
45	Propeller-Like Chirality of Methyl-Tris (2,6-diisopropylphenoxy)Silylsulfide. Silicon, 2016, 8, 105-110.	3.3	5
46	Isostructural zinc and cadmium silanethiolates with bridging biimidazole co-ligands â€” Enhanced luminescence of zinc complex. Inorganica Chimica Acta, 2017, 459, 22-28.	2.4	5
47	Spectroscopic and cytotoxic characteristics of (p-cymene)Ru(II) complexes with bidentate coumarins and density functional theory comparison with selected Pd(II) complexes. Inorganica Chimica Acta, 2017, 456, 105-112.	2.4	5
48	The Reactivity of the Imine Bond within Polynuclear Nickel(II) Complexes. Crystals, 2021, 11, 512.	2.2	5
49	(2-Ethylimidazole-Î²N)bis(tri-tert-butoxysilanethiolato-Î²2O,S)zinc(II) propan-2-ol solvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1774-m1774.	0.2	4
50	(1/4-4,4â€”Bipyridyl-Î²²<i>N</i>:<i>N</i>â€”2)²bis[bis(tri-tert-butoxysilanethiolato-Î²²<i>S</i><i>O</i>)]²toluene disolvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m3072-m3072.	0.2	4
51	Copper(II) complexes of 7-amino-2-methylchromone and 7-aminoflavone: Magneto-structural, spectroscopic and DFT characterization. Polyhedron, 2018, 153, 181-196.	2.2	4
52	Complexes of silanethiolate ligands: Synthesis, structure, properties and application. Coordination Chemistry Reviews, 2021, 437, 213761.	18.8	4
53	(1/4-4,4â€”Bipyridyl-1:2Î²²<i>N</i>:<i>N</i>â€”2-methanol-2Î²<i>O</i>-tetrakis(tri-tert-butoxysilanethiolato)-1Î²²toluene disolvate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m616-m617.	0.2	4
54	Diamminebis(tri-tert-butoxysilanethiolato)cadmium(II) acetonitrile solvate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m3567-m3569.	0.2	3

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55	Bromidotetrakis(1 <i>H</i> -2-ethyl-5-methylimidazole- $\hat{\rho}$ <i>N</i> ³)copper(II) bromide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1906-m1906.	0.2	3
56	Variable-temperature X-ray diffraction study of structural parameters of NH \cdots S hydrogen bonds in triethylammonium and pyridinium silanethiolates. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 763-770.	1.1	3
57	Coordination complexes of Mn(II), Co(II), Ni(II), Zn(II) and Cd(II) with histaminol $\hat{\rho}$ Crystal structures and formation constants in aqueous solution. Polyhedron, 2020, 178, 114328.	2.2	3
58	On thio $\hat{\rho}$ substituted N $\hat{\rho}$ heterocyclic arsines. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 534-539.	1.2	3
59	Novel 1,2,3-Triazole Derivatives as Mimics of Steroidal System $\hat{\rho}$ Synthesis, Crystal Structures Determination, Hirshfeld Surfaces Analysis and Molecular Docking. Molecules, 2021, 26, 4059.	3.8	3
60	(1 <i>H</i> -Pyrazole- $\hat{\rho}$ N)bis(tri-tert-butoxysilanethiolato- $\hat{\rho}$ 2O,S)cadmium. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1515-m1515.	0.2	2
61	Synthesis and structural characterization of new cyclic siloxane with functionalized organic substituents. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 1140-1143.	1.6	2
62	New uranium(vi) and isothiuronium complexes: synthesis, crystal structure, spectroscopic characterization and a DFT study. CrystEngComm, 2020, 22, 5678-5689.	2.6	2
63	Simple synthesis route for fabrication of protective photo $\hat{\rho}$ crosslinked poly(zwitterionic) membranes for application in non $\hat{\rho}$ enzymatic glucose sensing. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, , .	3.4	2
64	Crystal structures of (<i>E</i>)-3-(4-hydroxybenzylidene)chroman-4-one and (<i>E</i>)-3-(3-hydroxybenzylidene)-2-phenylchroman-4-one. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1907-1913.	0.5	2
65	Nitrate and nitrite silver complexes with weakly coordinating nitriles. Polyhedron, 2022, 220, 115831.	2.2	2
66	Bromidotetrakis(2-ethyl-1 <i>H</i> -imidazole- $\hat{\rho}$ N3)copper(II) bromide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1529-m1529.	0.2	1
67	Metal ion directed template synthesis using 2-acetyl-1,3-indandione and ethylenediamine: steric and electronic restrictions. Mendeleev Communications, 2020, 30, 519-521.	1.6	1
68	Solvothermal synthesis and structural characterization of three polyoxotitanium-organic acid clusters. RSC Advances, 2021, 11, 25068-25078.	3.6	1
69	Crystal Structure of N-(2-Benzoyl-4,5-dimethoxyphenethyl)-2-phenylacetamide. MolBank, 2022, 2022, M1376.	0.5	1
70	The Syntheses and Crystal Structures of the First Disiloxane-1,3-dithiol and Its Cadmium Complex. European Journal of Inorganic Chemistry, 2015, 2015, 3046-3046.	2.0	0