

Daniel Rabinovich

List of Publications by Year in descending order

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37
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45
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docs citations

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times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	Mediator-Template Assembly of Nanoparticles. <i>Journal of the American Chemical Society</i> , 2005, 127, 1519-1529.	13.7	165
2	Novel Spherical Assembly of Gold Nanoparticles Mediated by a Tetradentate Thioether. <i>Journal of the American Chemical Society</i> , 2002, 124, 4958-4959.	13.7	129
3	Generation and Optical Properties of Monodisperse Wurtzite-Type ZnS Microspheres. <i>Inorganic Chemistry</i> , 2006, 45, 7316-7322.	4.0	89
4	Size-Controlled Assembly of Gold Nanoparticles Induced by a Tridentate Thioether Ligand. <i>Journal of the American Chemical Society</i> , 2003, 125, 9906-9907.	13.7	85
5	Modeling Nickel Hydrogenases: Synthesis and Structure of a Distorted Octahedral Complex with an Unprecedented [NiS ₄ H ₂] Core. <i>Inorganic Chemistry</i> , 2001, 40, 5736-5737.	4.0	71
6	Mechanistic and Theoretical Analysis of the Oxidative Addition of H ₂ to Six-Coordinate Molybdenum and Tungsten Complexes M(PMe ₃) ₄ X ₂ (M = Mo, W; X = F, Cl, Br, I): An Inverse Equilibrium Isotope Effect and an Unprecedented Halide Dependence. <i>Journal of the American Chemical Society</i> , 1999, 121, 11402-11417.	13.7	62
7	Homoleptic Group 12 Metal Bis(mercaptoimidazolyl)borate Complexes M(BmR) ₂ (M = Zn, Cd, Hg). <i>Inorganic Chemistry</i> , 2003, 42, 2149-2156.	4.0	62
8	False Minima in X-ray Structure Solutions Associated with a Partial Polar Ambiguity: Single Crystal X-ray and Neutron Diffraction Studies on the Eight-Coordinate Tungsten Hydride Complexes, W(PMe ₃) ₄ H ₂ X ₂ (X = F, Cl, Br, I) and W(PMe ₃) ₄ H ₂ F(FHF). <i>Journal of the American Chemical Society</i> , 1998, 120, 4372-4387.	13.7	52
9	Manganese(II) poly(mercaptoimidazolyl)borate complexes: spectroscopic and structural characterization of Mn-H-B interactions in solution and in the solid state. <i>Dalton Transactions</i> , 2005, , 171-180.	3.3	52
10	Synthesis and structure of W(PMe ₃) ₄ (Te) ₂ : the first transition-metal complex with a terminal tellurido ligand. <i>Journal of the American Chemical Society</i> , 1991, 113, 9421-9422.	13.7	51
11	Synthesis and characterization of two new bulky tris(mercaptoimidazolyl)borate ligands and their zinc and cadmium complexes. <i>Polyhedron</i> , 2001, 20, 3343-3348.	2.2	51
12	Syntheses and Structures of Methyltris(pyrazolyl)silane Complexes of the Group 6 Metals. <i>Inorganic Chemistry</i> , 2000, 39, 1561-1567.	4.0	47
13	Poly(mercaptoimidazolyl)borate chemistry and the predominance of η^3 -S ₃ S,H over η^2 -S ₂ S or η^3 -S ₃ S,S coordination modes: unexpected formation of square pyramidal Ni(II) complexes. <i>Polyhedron</i> , 2004, 23, 395-403.	2.2	42
14	Bulky tris(mercaptoimidazolyl)borates: synthesis and molecular structures of the Group 12 metal complexes [TmtBu]MBr (M = Zn, Cd, Hg). <i>Dalton Transactions RSC</i> , 2002, , 2987-2991.	2.3	41
15	Tris(alkylthio)methylsilanes: Syntheses and Structures of Chromium, Molybdenum, and Tungsten Complexes with a Tripodal Thioether Ligand. <i>Inorganic Chemistry</i> , 1999, 38, 2211-2215.	4.0	35
16	Thallium(I) bis(mercaptoimidazolyl)borates. <i>Polyhedron</i> , 2004, 23, 617-622.	2.2	33
17	Nickel nitrosyl complexes in a sulfur-rich environment: The first poly(mercaptoimidazolyl)borate derivatives. <i>Polyhedron</i> , 2007, 26, 4758-4764.	2.2	32
18	One-Dimensional Copper(I) Coordination Polymers Based on a Tridentate Thioether Ligand. <i>Inorganic Chemistry</i> , 1999, 38, 6234-6239.	4.0	29

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of Novel Mononuclear Cadmium Thiolate Complexes in a Sulfur-Rich Environment. <i>Inorganic Chemistry</i> , 2002, 41, 998-1001.	4.0	29
20	Poly(mercaptoimidazolyl)borate Complexes of Cadmium and Mercury. , 0, , 143-162.		26
21	Bis(mercaptoimidazolyl)borates and the control of nuclearity in cadmium thiolate complexes. <i>Polyhedron</i> , 2003, 22, 3461-3466.	2.2	24
22	Formation of extended 1D coordination polymers in tetrathioether complexes of mercury(II): Effect of the organic substituents on the crystal structures of {Si(CH ₂ SR) ₄ }HgBr ₂ (R=Me, Ph). <i>Inorganic Chemistry Communication</i> , 2005, 8, 479-482.	3.9	23
23	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2003, 33, 437-445.	1.1	22
24	Methyltris(pyrazolyl)silanes: new tripodal nitrogen-donor ligands. <i>Inorganic Chemistry Communication</i> , 1999, 2, 194-196.	3.9	19
25	Zinc bis(pyrazolyl)silane complexes. <i>Polyhedron</i> , 2000, 19, 1815-1820.	2.2	19
26	Synthesis and structure of { $\hat{1}$ -3-MeSi(CH ₂ SPh) ₃ }Cr(CO) ₃ : how long can a Cr(0) \hat{a} €“S(thioether) bond length be?. <i>Inorganic Chemistry Communication</i> , 2000, 3, 325-327.	3.9	16
27	Bismuth(III) thioether chemistry: synthesis and structure of a coordination polymer derived from BiCl ₃ and MeSi(CH ₂ SMe) ₃ . <i>Polyhedron</i> , 2000, 19, 849-853.	2.2	16
28	Nomenclature for boranes and related species (IUPAC Recommendations 2019). <i>Pure and Applied Chemistry</i> , 2020, 92, 355-381.	1.9	16
29	Di- $\hat{1}$ / ₄ -iodo-bis{[methyltris(methylthiomethyl)silane- $\hat{1}$ / ₂ S, \hat{a} €²]copper(I)}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m556-m558.	0.2	13
30	Oxidative cleavage of the Te \hat{a} €“Te bond in $\hat{1}$ -2-ditellurido complexes: syntheses and structures of M(PMe ₃) ₄ ($\hat{1}$ -2-Te ₂)H ₂ (M = Mo, W). <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1099-1100.	2.0	10
31	Advanced Inorganic Chemistry, 6th Edition (Cotton, F. A.; Wilkinson, G.; Murillo, C. A.; Bochmann, M.). <i>Journal of Chemical Education</i> , 2000, 77, 311.	2.3	7
32	Descriptive Inorganic Chemistry (Rayner-Canham, Geoff). <i>Journal of Chemical Education</i> , 1998, 75, 697.	2.3	4
33	Chemical Bonding and Molecular Geometry: From Lewis to Electron Densities (Gillespie, Ronald J.); Tj ETQq1 1 0.784314 rgBT ₄ /Overlock	2.3	4
34	Synthetic Bioinorganic Chemistry: Scorpionates Turn 50. <i>Structure and Bonding</i> , 2016, , 139-157.	1.0	4
35	Crystal Structures of a New Polymorph of N-tert-butyl-2-thioimidazole, and Its 1,4-Diiodotetrafluorobenzene, Tetraiodoethylene, and Iodine Cocrystals. <i>Journal of Chemical Crystallography</i> , 2022, 52, 62-72.	1.1	4
36	Biological Inorganic Chemistry (Ivano Bertini, Harry B. Gray, Edward I. Stiefel, and Joan S. Valentine,) Tj ETQq0 0 0 rgBT ₄ /Overlock 10 Tf 5	2.3	3

#	ARTICLE	IF	CITATIONS
37	Metallurgy in the Laboratory: Preparation of Pure Antimony. <i>Journal of Chemical Education</i> , 2000, 77, 251.	2.3	2
38	The 13th Element (Emsley, John). <i>Journal of Chemical Education</i> , 2001, 78, 1184.	2.3	2
39	Bis(thioether)silanes: Synthesis and characterization of tin(IV) complexes with new dithioether ligands. <i>Main Group Chemistry</i> , 2007, 6, 133-142.	0.8	2
40	Organotransition Metal Chemistry (Hill, Anthony F.). <i>Journal of Chemical Education</i> , 2003, 80, 1005.	2.3	1
41	A Philatelic Ramble through Chemistry (Heilbronner, Edgar; Miller, Foil A.). <i>Journal of Chemical Education</i> , 1998, 75, 958.	2.3	0
42	Metallocenes (Long, Nicholas J.). <i>Journal of Chemical Education</i> , 1999, 76, 1488.	2.3	0
43	Construction of Spherical Assembly of Gold Nanoparticles Using Tetra[(methylthio)methyl] silane as Ligand. <i>Materials Research Society Symposia Proceedings</i> , 2002, 739, 261.	0.1	0
44	Inorganic Experiments, 2nd Edition (edited by J. Derek Woollins). <i>Journal of Chemical Education</i> , 2004, 81, 1122.	2.3	0