

Mikko M. Hänninen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Do Extremely Bent Allenes Exist?. Chemistry - A European Journal, 2009, 15, 7287-7291.	3.3	70
2	Steric vs. electronic stereocontrol in syndio- or iso-selective ROP of functional chiral β -lactones mediated by achiral yttrium-bisphenolate complexes. Chemical Communications, 2018, 54, 8024-8031.	4.1	59
3	1-Phenyl-3-(pyrid-2-yl)benzo[e][1,2,4]triazinyl: The First σ -Blatter Radical for Coordination Chemistry. Inorganic Chemistry, 2014, 53, 33-35.	4.0	53
4	Highly Syndiotactic or Isotactic Polyhydroxyalkanoates by Ligand-Controlled Yttrium-Catalyzed Stereoselective Ring-Opening Polymerization of Functional Racemic β -Lactones. Angewandte Chemie - International Edition, 2017, 56, 10388-10393.	13.8	49
5	QTAIM View of Metal-Metal Bonding in Di- and Trinuclear Disulfido Carbonyl Clusters. Organometallics, 2012, 31, 2559-2570.	2.3	46
6	Aqueous Self-Assembly and Cation Selectivity of Cobaltabisdicarbollide Dianionic Dumbbells. Chemistry - A European Journal, 2014, 20, 6786-6794.	3.3	41
7	Two C_3 -Symmetric Dy_3 Complexes with Triple Di- μ_4 -methoxo- μ_4 -phenoxo Bridges, Magnetic Ground State, and Single-Molecule Magnetic Behavior. Chemistry - A European Journal, 2014, 20, 8410-8420.	3.3	40
8	Diphenoxo-Bridged $Ni^{II}Ln^{III}$ Dinuclear Complexes as Platforms for Heterotrimetallic ($Ln^{III}Ni^{II}$) $_2$ Ru^{III} Systems with a High-Magnetic-Moment Ground State: Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2012, 51, 7010-7012.	4.0	39
9	Single-Molecule Magnet Behavior and Magnetocaloric Effect in Ferromagnetically Coupled $Ln^{III}-Ni^{II}-Ni^{II}-Ln^{III}$ ($Ln^{III} = Dy^{III}$) Tj ETQp 1 0.784314 rg	4.0	37
10	Magneto-Structural Properties and Theoretical Studies of a Family of Simple Heterodinuclear Phenoxide/Alkoxide Bridged $Mn^{III}Ln^{III}$ Complexes: On the Nature of the Magnetic Exchange and Magnetic Anisotropy. Inorganic Chemistry, 2018, 57, 3683-3698.	4.0	37
11	Homoleptic Pnictogen-Chalcogen Coordination Complexes. Inorganic Chemistry, 2012, 51, 8897-8903.	4.0	28
12	Heptacoordinated Molybdenum(VI) Complexes of Phenylenediamine Bis(phenolate): A Stable Molybdenum Amidophenoxide Radical. Inorganic Chemistry, 2013, 52, 5714-5721.	4.0	26
13	Vanadium complexes with multidentate amine bisphenols. Dalton Transactions, 2014, 43, 14022-14028.	3.3	26
14	Differences in the cyclometalation reactivity of bisphosphinimine-supported organo-rare earth complexes. Dalton Transactions, 2014, 43, 10739-10750.	3.3	26
15	Fabrication of Porous Hydrogenation Catalysts by a Selective Laser Sintering 3D Printing Technique. ACS Omega, 2019, 4, 12012-12017.	3.5	26
16	CollLnIII dinuclear complexes ($Ln^{III} = Gd, Tb, Dy, Ho$ and Er) as platforms for 1,5-dicyanamide-bridged tetranuclear $Coll_2Ln^{III}_2$ complexes: A magneto-structural and theoretical study. Comptes Rendus Chimie, 2012, 15, 878-888.	0.5	25
17	Porous 3D Printed Scavenger Filters for Selective Recovery of Precious Metals from Electronic Waste. Advanced Sustainable Systems, 2018, 2, 1800048.	5.3	24
18	Synthesis, Reactivity, and Computational Analysis of Halophosphines Supported by Dianionic Guanidinate Ligands. Journal of the American Chemical Society, 2012, 134, 5398-5414.	13.7	23

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19	A three-coordinate iron-silylene complex stabilized by ligand-ligand dispersion forces. Dalton Transactions, 2016, 45, 11301-11305.	3.3	23
20	Elucidation of the resting state of a rhodium NNN-pincer hydrogenation catalyst that features a remarkably upfield hydride ¹ H NMR chemical shift. Chemical Communications, 2016, 52, 586-589.	4.1	18
21	Imidotungsten(vi) complexes with chelating amino and imino phenolates. Dalton Transactions, 2011, 40, 2868.	3.3	16
22	Retro-Diels-Alder Protocol for the Synthesis of Pyrrolo[1,2-a]pyrimidine and Pyrimido[2,1-a]isoindole Enantiomers. European Journal of Organic Chemistry, 2013, 2013, 4887-4894.	2.4	16
23	Ferromagnetic Dinuclear Mixed-Valence Mn(II)/Mn(III) Complexes: Building Blocks for the Higher Nuclearity Complexes. Structure, Magnetic Properties, and Density Functional Theory Calculations. Inorganic Chemistry, 2013, 52, 2228-2241.	4.0	15
24	Touching the upper limit for ferromagnetic interactions in hetero-bridged dinuclear [Cu ₂ II] complexes using a novel N ₅ -dinucleating ligand bearing an endogenous monoatomic amido(NH ⁺)-bridging group. Chemical Communications, 2012, 48, 805-807.	4.1	14
25	A Combined Experimental and Theoretical Study on Bis(¼-alkoxo)diiron(III) Complexes with Hydroxybenzylaminoethanol [O,N,O] Donor Ligands: Syntheses, Structures and Magnetic Properties. European Journal of Inorganic Chemistry, 2011, 2011, 1990-1996.	2.0	13
26	Highly Syndiotactic or Isotactic Polyhydroxyalkanoates by Ligand-Controlled Yttrium-Catalyzed Stereoselective Ring-Opening Polymerization of Functional Racemic β -Lactones. Angewandte Chemie, 2017, 129, 10524-10529.	2.0	13
27	Pyrazolium- and 1,2-Cyclopentadiene-Based Ligands as σ -Donors: a Theoretical Study of Electronic Structure and Bonding. Inorganic Chemistry, 2012, 51, 2577-2587.	4.0	12
28	Synthesis, Structure and Catalytic Properties of Dinuclear Mo ^{VI} Complexes with Ditopic Diaminotetraphenols. European Journal of Inorganic Chemistry, 2013, 2013, 1499-1508.	2.0	12
29	Synthesis of Highly Functionalized Fluorinated Cispentacin Derivatives. Chemistry and Biodiversity, 2012, 9, 2571-2581.	2.1	11
30	Insights into the decomposition pathway of a lutetium alkylamido complex via intramolecular C-H bond activation. Journal of Organometallic Chemistry, 2017, 845, 135-143.	1.8	10
31	Towards Multifunctional Materials Incorporating Elastomers and Reversible Redox-Active Fragments. Chemistry - A European Journal, 2014, 20, 15808-15815.	3.3	9
32	Structural and electronic elucidation of a N-heterocyclic silylene vanadocene adduct. Dalton Transactions, 2017, 46, 9740-9744.	3.3	9
33	Icosahedral carboranes as scaffolds for congested regioselective polyaryl compounds: the distinct distance tuning of C and its antipodal B. Chemical Communications, 2019, 55, 8927-8930.	4.1	7
34	Imidotungsten(VI) complexes with chelating phenols as ROMP catalysts. Inorganic Chemistry Communication, 2011, 14, 1362-1364.	3.9	6
35	Syntheses and Structural Study of Novel Tetranuclear Bis(phenoxido)-Bridged CuII Metal-Organic Macrocycles. European Journal of Inorganic Chemistry, 2012, 2012, 1048-1053.	2.0	6
36	Syntheses of Four Enantiomers of 2,3-Diindo- and 3-Endo-aminobicyclo[2.2.2]oct-5-ene-2-exo-carboxylic Acid and Their Saturated Analogues. Molecules, 2013, 18, 15080-15093.	3.8	6

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37	Rare Earth Pincer Complexes: Synthesis, Reaction Chemistry, and Catalysis. <i>Topics in Organometallic Chemistry</i> , 2015, , 93-177.	0.7	6
38	Cytotoxicities of Polysubstituted Chlorodicarbonyl(cyclopentadienyl) and (Indenyl)ruthenium Complexes. <i>Organometallics</i> , 2013, 32, 3012-3017.	2.3	5
39	Experimental and Computational Study of Unique Tetranuclear μ_3 -Chloride and μ_2 -Phenoxo/Chloro-Bridged Defective Dicubane Cobalt(II) Clusters. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1192-1199.	2.0	5
40	Chelation of a proton by oxidized diphosphines. <i>Journal of Organometallic Chemistry</i> , 2012, 721-722, 124-129.	1.8	4
41	Synthesis of Sterically Demanding Bis(phosphinimine) Dibenzofuran Ligands and Subsequent Zinc Metalation. <i>Australian Journal of Chemistry</i> , 2015, 68, 373.	0.9	4
42	An insight into the synthesis of novel aryl-substituted alicyclic β -amino acid derivatives through substrate-directed palladium-catalysed regio- and stereoselective cross-coupling. <i>RSC Advances</i> , 2015, 5, 13628-13634.	3.6	3
43	Alkyl and diether bridged N,N,N',N'-tetra(2-hydroxybenzyl)diamines: effects of hydrogen bonding on structure and solubility. <i>CrystEngComm</i> , 2012, 14, 7258.	2.6	2
44	A cocrystal of two Mo(VI) complexes bearing different diastereomers of the 2,4-di-tert-butyl-6-[[[(1-oxido-1-phenylpropan-2-yl)(methyl)amino]methyl]phenolate ligand derived from (+)-ephedrine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 509-512.	0.4	2
45	Synthesis of Sterically Hindered Chiral 1,4-Diols from Different Lignan-Based Backbones. <i>Synlett</i> , 2013, 24, 2423-2426.	1.8	2