

Mikko M. Hänninen

List of Publications by Year in descending order

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1497
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#	ARTICLE	IF	CITATIONS
1	Fabrication of Porous Hydrogenation Catalysts by a Selective Laser Sintering 3D Printing Technique. ACS Omega, 2019, 4, 12012-12017.	3.5	26
2	Icosahedral carboranes as scaffolds for congested regioselective polyaryl compounds: the distinct distance tuning of C–C and its antipodal B–B. Chemical Communications, 2019, 55, 8927-8930.	4.1	7
3	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
4	Porous 3D Printed Scavenger Filters for Selective Recovery of Precious Metals from Electronic Waste. Advanced Sustainable Systems, 2018, 2, 1800048.	5.3	24
5	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
6	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
7	Structural and electronic elucidation of a N-heterocyclic silylene vanadocene adduct. Dalton Transactions, 2017, 46, 9740-9744.	3.3	9
8	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
9	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
10	Experimental and Computational Study of Unique Tetranuclear μ_3 -Chloride and μ -Phenoxo/Chloro-Bridged Defective Dicubane Cobalt(II) Clusters. European Journal of Inorganic Chemistry, 2016, 2016, 1192-1199.	2.0	5
11	A three-coordinate iron-silylene complex stabilized by ligand-ligand dispersion forces. Dalton Transactions, 2016, 45, 11301-11305.	3.3	23
12	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
13	An insight into the synthesis of novel aryl-substituted alicyclic β -amino acid derivatives through substrate-directed palladium-catalysed regio- and stereoselective cross-coupling. RSC Advances, 2015, 5, 13628-13634.	3.6	3
14	Rare Earth Pincer Complexes: Synthesis, Reaction Chemistry, and Catalysis. Topics in Organometallic Chemistry, 2015, , 93-177.	0.7	6
15	Synthesis of Sterically Demanding Bis(phosphinimine) Dibenzofuran Ligands and Subsequent Zinc Metalation. Australian Journal of Chemistry, 2015, 68, 373.	0.9	4
16	Towards Multifunctional Materials Incorporating Elastomers and Reversible Redox-Active Fragments. Chemistry - A European Journal, 2014, 20, 15808-15815.	3.3	9
17	Two C_3 -Symmetric Dy ₃ ^{III} Complexes with Triple D _{3h} -Symmetric Methoxyphenoxo Bridges, Magnetic Ground State, and Single-Molecule Magnetic Behavior. Chemistry - A European Journal, 2014, 20, 8410-8420.	3.3	40
18	Aqueous Self-Assembly and Cation Selectivity of Cobaltabisdicarbollide Dianionic Dumbbells. Chemistry - A European Journal, 2014, 20, 6786-6794.	3.3	41

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19	1-Phenyl-3-(pyrid-2-yl)benzo[<i>e</i>][1,2,4]triazinyl: The First σ -Blatter Radical for Coordination Chemistry. <i>Inorganic Chemistry</i> , 2014, 53, 33-35.	4.0	53
20	Single-Molecule Magnet Behavior and Magnetocaloric Effect in Ferromagnetically Coupled Ln ^{III} -Ni ^{II} -Ni ^{II} -Ln ^{III} (Ln ^{III} = Dy ^{III}) Tj ETQ 10 0 rg 37 /Overloc	4.0	37
21	Vanadium complexes with multidentate amine bisphenols. <i>Dalton Transactions</i> , 2014, 43, 14022-14028.	3.3	26
22	Differences in the cyclometalation reactivity of bisphosphinimine-supported organo-rare earth complexes. <i>Dalton Transactions</i> , 2014, 43, 10739-10750.	3.3	26
23	Retro-Diels-Alder Protocol for the Synthesis of Pyrrolo[1,2- <i>a</i>]pyrimidine and Pylimido[2,1- <i>a</i>]isoindole Enantiomers. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4887-4894.	2.4	16
24	Ferromagnetic Dinuclear Mixed-Valence Mn(II)/Mn(III) Complexes: Building Blocks for the Higher Nuclearity Complexes. Structure, Magnetic Properties, and Density Functional Theory Calculations. <i>Inorganic Chemistry</i> , 2013, 52, 2228-2241.	4.0	15
25	A cocrystal of two Mo(VI) complexes bearing different diastereomers of the 2,4-di- <i>tert</i> -butyl-6-[(1-oxido-1-phenylpropan-2-yl)(methylamino)methyl]phenolate ligand derived from (+)-ephedrine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 509-512.	0.4	2
26	Heptacoordinated Molybdenum(VI) Complexes of Phenylenediamine Bis(phenolate): A Stable Molybdenum Amidophenoxide Radical. <i>Inorganic Chemistry</i> , 2013, 52, 5714-5721.	4.0	26
27	Cytotoxicities of Polysubstituted Chlorodicarbonyl(cyclopentadienyl) and (Indenyl)ruthenium Complexes. <i>Organometallics</i> , 2013, 32, 3012-3017.	2.3	5
28	Synthesis of Sterically Hindered Chiral 1,4-Diols from Different Lignan-Based Backbones. <i>Synlett</i> , 2013, 24, 2423-2426.	1.8	2
29	Synthesis, Structure and Catalytic Properties of Dinuclear Mo ^{VI} Complexes with Ditopic Diaminotetraphenols. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1499-1508.	2.0	12
30	Syntheses of Four Enantiomers of 2,3-Di-endo- and 3-Endo-aminobicyclo[2.2.2]oct-5-ene-2-exo-carboxylic Acid and Their Saturated Analogues. <i>Molecules</i> , 2013, 18, 15080-15093.	3.8	6
31	Touching the upper limit for ferromagnetic interactions in hetero-bridged dinuclear [Cu ₂ Ln] complexes using a novel N ₅ -dinucleating ligand bearing an endogenous monoatomic amido(R ^{NH})-bridging group. <i>Chemical Communications</i> , 2012, 48, 805-807.	4.1	14
32	Synthesis of Highly Functionalized Fluorinated Cispentacin Derivatives. <i>Chemistry and Biodiversity</i> , 2012, 9, 2571-2581.	2.1	11
33	Pyrazolium- and 1,2-Cyclopentadiene-Based Ligands as σ -Donors: a Theoretical Study of Electronic Structure and Bonding. <i>Inorganic Chemistry</i> , 2012, 51, 2577-2587.	4.0	12
34	Homoleptic Pnictogen-Chalcogen Coordination Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 8897-8903.	4.0	28
35	CollLnIII dinuclear complexes (LnIII = Gd, Tb, Dy, Ho and Er) as platforms for 1,5-dicyanamide-bridged tetranuclear Coll ₂ LnIII ₂ complexes: A magneto-structural and theoretical study. <i>Comptes Rendus Chimie</i> , 2012, 15, 878-888.	0.5	25
36	Chelation of a proton by oxidized diphosphines. <i>Journal of Organometallic Chemistry</i> , 2012, 721-722, 124-129.	1.8	4

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37	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
38	Synthesis, Reactivity, and Computational Analysis of Halophosphines Supported by Dianionic Guanidinate Ligands. <i>Journal of the American Chemical Society</i> , 2012, 134, 5398-5414.	13.7	23
39	QTAIM View of Metal-Metal Bonding in Di- and Trinuclear Disulfido Carbonyl Clusters. <i>Organometallics</i> , 2012, 31, 2559-2570.	2.3	46
40	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. <i>Inorganic Chemistry</i> , 2012, 51, 7010-7012.	4.0	39
41	Syntheses and Structural Study of Novel Tetranuclear Bis(phenoxido)-Bridged CuII Metal-Organic Macrocycles. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1048-1053.	2.0	6
42	Imidotungsten(vi) complexes with chelating amino and imino phenolates. <i>Dalton Transactions</i> , 2011, 40, 2868.	3.3	16
43	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. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1990-1996.	2.0	13
44	Imidotungsten(VI) complexes with chelating phenols as ROMP catalysts. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1362-1364.	3.9	6
45	Do Extremely Bent Allenes Exist?. <i>Chemistry - A European Journal</i> , 2009, 15, 7287-7291.	3.3	70