

Berthold Kersting

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Dinuclear Catecholate Helicates: Their Inversion Mechanism. <i>Journal of the American Chemical Society</i> , 1996, 118, 7221-7222.	13.7	150
2	Rearrangement Reactions in Dinuclear Triple Helicates. <i>Inorganic Chemistry</i> , 1997, 36, 5179-5191.	4.0	120
3	Structures and Magnetic Properties of Tetranuclear Nickel(II) Complexes with Unusual μ_3 -1,1,3 Azido Bridges. <i>Chemistry - A European Journal</i> , 2005, 11, 1518-1526.	3.3	96
4	Carbon Dioxide Fixation by Binuclear Complexes with Hydrophobic Binding Pockets This work was supported by the Deutsche Forschungsgemeinschaft (Project No. KE 585/3-1). The author thanks Prof. Dr. H. Vahrenkamp for his support of this work.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3987.	13.8	81
5	Coordination chemistry of Robson-type polyamine-dithiophenolate macrocycles: Syntheses, structures and magnetic properties of dinuclear complexes of first-row transition metals. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2244-2260.	18.8	71
6	Realization of Unusual Ligand Binding Motifs in Metalated Container Molecules: Synthesis, Structures, and Magnetic Properties of the Complexes $[(LMe)Ni_2(\mu_4-L^{\epsilon 2})]^{n+}$ with $L^{\epsilon 2} = NO_3^{\ominus}$, NO_2^{\ominus} , N_3^{\ominus} , N_2H_4 , Pyridazine, Phthalazine, Pyrazolate, and Benzoate. <i>Chemistry - A European Journal</i> , 2004, 10, 1716-1728.	13.4	70
7	Gallium(III) Catecholate Complexes as Probes for the Kinetics and Mechanism of Inversion and Isomerization of Siderophore Complexes. <i>Journal of the American Chemical Society</i> , 1996, 118, 5712-5721.	13.7	58
8	The effect of N-methylation on the chemical reactivity of binuclear Ni amine-thiophenolate complexes. <i>Chemical Communications</i> , 2001, , 1376-1377.	4.1	52
9	First Examples of Dinickel Complexes Containing the $N_3Ni(\mu_4-SR)_3Ni_3$ Core. Synthesis and Crystal Structures of $[L_2Ni_2][BPh_4]_2$ and $[L_3Ni_2][BPh_4]_2$ ($L = 2,6$ -Di(aminomethyl)-4-tert-butyl-thiophenolate). <i>Inorganic Chemistry</i> , 1998, 37, 3820-3828.	4.0	45
10	Binuclear Complexes as Building Blocks for Polynuclear Complexes with High-Spin Ground States: Synthesis and Structure of a Tetranuclear Nickel Complex with an $S=4$ Ground State. <i>Chemistry - A European Journal</i> , 2001, 7, 4253-4258.	3.3	44
11	Carboxylate and Alkyl Carbonate Coordination at the Hydrophobic Binding Site of Redox-Active Dicobalt Amine Thiophenolate Complexes. <i>Inorganic Chemistry</i> , 2002, 41, 1140-1150.	4.0	44
12	Stabilisation of a paramagnetic BH_4^{\ominus} -bridged dinickel(ii) complex by a macrodinucleating hexaaza-dithiophenolate ligand. <i>Chemical Communications</i> , 2006, , 83-84.	4.1	43
13	Synthesis and Characterization of Homo- and Heterodinuclear Complexes Containing the $N_3M(\mu_4-SR)_3MN_3$ Core ($M = Fe, Co, Ni$). <i>Inorganic Chemistry</i> , 1999, 38, 3871-3882.	4.0	41
14	Synthesis and Coordination Chemistry of Novel Binucleating Macrocyclic Ligands with Amine-thioether and Amine-thiophenolate Donor Functions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001, 56, 901-907.	0.7	41
15	Structure, Magnetic Behavior, and Anisotropy of Homoleptic Trinuclear Lanthanoid 8-Quinolinolate Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 2528-2534.	4.0	41
16	Tetranuclear complexes in molecular magnetism: Targeted synthesis, high-field EPR and pulsed-field magnetization. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2261-2285.	18.8	39
17	Tetranuclear Nickel Complexes Composed of Pairs of Dinuclear LNi_2 Fragments Linked by 4,4'-Bipyrazolyl, 1,4-Bis(4'-pyrazolyl)benzene, and 4,4'-Bipyridazine: Synthesis, Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3217-3226.	2.0	36
18	Coordination chemistry of f-block metal ions with ligands bearing bio-relevant functional groups. <i>Coordination Chemistry Reviews</i> , 2019, 386, 267-309.	18.8	36

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19	Syntheses and Structures of Germanium(II) and Germanium(IV) Thiolate and Selenolate Complexes: [Et ₄ N][Ge(SPh) ₃], [Ph ₄ P][Ge(SePh) ₃], [Ph ₄ P] ₂ [Ge ₂ (SCH ₂ CH ₂ S) ₃], Ge(S-4-MeC ₆ H ₄) ₄ , and Ge(Se-2,4,6-Me ₃ C ₆ H ₂) ₄ . Examples of the First Anionic Germanium(II) Complexes Containing the Trigonal Pyramidal GellS ₃ and GellSe ₃ Cores. <i>Inorganic Chemistry</i> , 1994, 33, 3886-3892.	4.0	34
20	cis-Bromination of Encapsulated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2261-2263.	13.8	34
21	Preparation and characterization of Cr(III), Mn(II), Fe(II), Co(II) complexes of a hexaazadithiophenolate macrocycle. <i>Dalton Transactions</i> , 2006, , 1738-1748.	3.3	33
22	Synthesis of Benzisochalcogenol and -azole Derivatives via ortho Metalation of Isophthalamides. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999, 54, 1042-1047.	0.7	31
23	Dinuclear Amine- π -Thiophenolate Complexes Coligated by Ferrocenemonocarboxylate and 1,1'- π -Ferrocenedicarboxylate Anions: Preparation, Characterization and Structures of Trinuclear [LM(II) ₂ (O ₂ CC ₅ H ₄ FeCp)] ⁺ and Pentanuclear [(LM(II) ₂) ₂ (O ₂ CC ₅ H ₄) ₂ Fe] ₂ ⁺ Complexes (M=Co, Ni, Zn). <i>Chemistry - A European Journal</i> , 2007, 13, 7305-7316.	3.3	31
24	Coordination chemistry of dinucleating P ₂ N ₂ S ligands: preparation and characterization of cationic palladium complexes. <i>Dalton Transactions</i> , 2007, , 52-61.	3.3	30
25	Zn ²⁺ Sensing by Fluorescent Schiff Base Calix[4]arene Macrocycles. <i>Chemistry - A European Journal</i> , 2017, 23, 3824-3827.	3.3	30
26	Characterisation of a triply thiolate-bridged Ni-Fe amine-thiolate complex: insights into the electronic structure of the active site of [NiFe] hydrogenase. <i>Chemical Communications</i> , 2000, , 205-206.	4.1	29
27	Chemistry of metalated container molecules. <i>Advances in Inorganic Chemistry</i> , 2009, 61, 407-470.	1.0	29
28	Diels-Alder Reactivity of Binuclear Complexes with Calixarene-like Structures. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 101-104.	13.8	28
29	2-tert-Butyl-5-(2-pyridyl)-2H-tetrazole as a chelating ligand in the direct synthesis of novel Cu(μ -) and heterobimetallic Cu(μ -)/Mn(μ -) complexes. <i>Dalton Transactions</i> , 2013, 42, 2985-2997.	3.3	27
30	Macrocyclic Nickel(II) Complexes Coligated by Hydrosulfide and Hexasulfide Ions: Syntheses, Structures, and Magnetic Properties of [Ni(II) ₂ (μ -SH)] ⁺ and [(Ni(II) ₂ (μ -S ₆)] ₂ ⁺ . <i>Inorganic Chemistry</i> , 2008, 47, 5386-5393.	4.0	26
31	Seven-coordinate Mn(II) and Co(II) complexes of the pentadentate ligand 2,6-diacetyl-4-carboxymethyl-pyridine bis(benzoylhydrazone): Synthesis, crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2011, 374, 521-527.	2.4	25
32	Reactions at the N ₂ Ni(μ -SR) ₂ NiN ₂ Core in Dinuclear Nickel(II) Amine-Thiolate Complexes. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 179-187.	2.0	24
33	Magnetic exchange interaction in triply bridged dinickel(II) complexes. <i>Chemical Physics Letters</i> , 2008, 452, 38-43.	2.6	24
34	Trapping of a Thiolate- π -Dibromine Charge-Transfer Adduct by a Macrocyclic Dinickel Complex and Its Conversion into an Arenesulfonyl Bromide Derivative. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1954-1957.	13.8	24
35	Preparation, Structures, and Properties of Dinuclear Ni and Pd Complexes of Tridentate Amine-Chalcogenolate Ligands. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1071-1077.	2.0	23
36	cis-Bromierung von eingekapselten Alkenen. <i>Angewandte Chemie</i> , 2003, 115, 2363-2365.	2.0	23

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37	Synthesis, crystal structures, and superoxide dismutase activity of two new multinuclear manganese(III)-salen-4,4'-bipyridine complexes. <i>Inorganica Chimica Acta</i> , 2018, 482, 353-357.	2.4	23
38	Ternary complexes composed of naphthalene diimides and binucleating metallocavitands: preparation, characterisation and structure of $[(Ni_2L)_2(NDI)] [BPh_4]_2$. <i>Dalton Transactions</i> , 2009, , 7481.	3.3	22
39	Interplay of Magnetic Exchange Interactions and Ni-Ni Bond Angles in Polynuclear Nickel(II) Complexes. <i>ChemPhysChem</i> , 2010, 11, 1961-1970.	2.1	22
40	Synthesis and Crystal Structures of Palladium(II) Complexes of Macrobicyclic Azathiaether Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003, 629, 2083-2090.	1.2	21
41	Binucleating Aza-Sulfonate and Aza-Sulfinate Macrocycles - Synthesis and Coordination Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4402-4411.	2.0	21
42	Novel Synthesis of Macrocyclic Amine-Thiophenolate Ligands: X-ray Crystal Structure of a Ni ₄ Complex of an N ₈ S ₄ Ligand. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 2167-2172.	2.0	19
43	Preparation and Characterization of Co(II), Ni(II), and Zn(II) Complexes of Sterically Demanding Hexaazamacrocyclic Dithiophenolates. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2223-2234.	2.0	18
44	Complexation, Computational, Magnetic, and Structural Studies of the Maillard Reaction Product Isomaltol Including Investigation of an Uncommon π Interaction with Copper(II). <i>Inorganic Chemistry</i> , 2011, 50, 1498-1505.	4.0	18
45	Binuclear nickel complexes with an edge sharing bis(square-pyramidal) Ni ₃ Ni ₂ S ₂ Ni ₃ core: synthesis, characterization, crystal structure and magnetic properties. <i>Dalton Transactions</i> , 2013, 42, 987-996.	3.3	18
46	Synthesis and Characterisation of Dinuclear Nickel(II) and Cadmium(II) Complexes of N-Alkylated Derivatives of Hexaazadithiophenolate Macrocycles. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 90-102.	2.0	17
47	Preparation and Characterization of Dinuclear Ni(II) Amine-Thiophenolate Complexes Coligated by EO ₄ (E = Cl, Re) and EO ₄ Oxoanions (E = S, Cr, Mo, W). <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1436-1443.	2.0	17
48	Hydroxyquinoline-Calix[4]arene Conjugates as Ligands for Polynuclear Lanthanide Complexes: Preparation, Characterization, and Properties of a Dinuclear Eu ^{III} Complex. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 894-901.	2.0	17
49	Photoluminescence properties of tetrahedral zinc(II) complexes supported by calix[4]arene-based salicylaldiminato ligands. <i>Dalton Transactions</i> , 2018, 47, 5801-5811.	3.3	17
50	Dinuclear lanthanide complexes supported by a hybrid salicylaldiminato/calix[4]arene-ligand: synthesis, structure, and magnetic and luminescence properties of (HNiEt ₃)[Ln ₂ (HL)(L)] (Ln = Sm ^{III} , Eu ^{III} , Gd ^{III}), <i>Tj ETQ 0 0 0 rBT /Overlo</i>	3.3	17
51	Synthesis, Properties, and Crystal Structures of Benzene-1,2-dithiolato Complexes of Thallium(I) and -(III). <i>Inorganic Chemistry</i> , 1996, 35, 6599-6605.	4.0	16
52	Preparation and Characterisation of Cd(II), Hg(II) and Pb(II) Complexes of a Macrodinucleating Hexaaza-dithiophenolate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 504-512.	2.0	16
53	Tetranuclear Nickel(II) Complexes Composed of Pairs of Dinuclear LNi ₂ Fragments Linked by Acetylenedicarboxylate, Terephthalate, and Isophthalate Dianions: Synthesis, Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 5277-5285.	2.0	16
54	A Novel N(3),N(4)-Bridging Coordination Mode of 1-R-Tetrazole-5-thiolates - Synthesis, X-ray Diffraction, Magnetic Properties and Quantum-Chemical Study of a Macrocyclic Dinickel Complex Coligated by 1-Methyltetrazole-5-thiolate. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5387-5393.	2.0	16

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55	Dependence of the Chemical Properties of Macrocyclic $[Ni_{II}L(\frac{1}{4}-O_2CR)]_n$ Complexes on the Basicity of the Carboxylato Coligands (L^{2-} = macrocyclic N6S2ligand). <i>Inorganic Chemistry</i> , 2010, 49, 11018-11029.	4.0	16
56	Preparation, Structure, and Properties of a Mixed-Valent Ni ^{II} Ni ^{III} Amine-Selenolate Complex. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 189-193.	2.0	15
57	Control of Reactivity of Dinuclear Nickel(II) Amine-Thiolate Complexes. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 2157-2166.	2.0	15
58	Azide Binding Controlled by Steric Interactions in Second Sphere. Synthesis, Crystal Structure, and Magnetic Properties of $[Ni^{II}_2(L)(\frac{1}{4}-N_3)]_n$ ($L =$ Macrocyclic) $[ClO_4]_n$ (L = Macrocyclic) T_j ETQq0 0 0 rBT /Overlock 10 Tf 50 102	4.0	15
59	Self-Assembly of Organo-Sulfur, Selenium and Tellurium Compounds via π - π -Stacking and Hydrogen Bonding Interactions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002, 57, 1115-1119.	0.7	14
60	Stabilization of a Monomethyl Orthomolybdate in the Binding Pocket of a Dinuclear Cobalt Complex. <i>Inorganic Chemistry</i> , 2006, 45, 5630-5634.	4.0	14
61	Preparation and characterization of dinuclear Pd(II) complexes of binucleating tetraaza-thiophenolate ligands. <i>Dalton Transactions</i> , 2006, , 2114.	3.3	13
62	Preparation and Characterization of Macrocyclic Dinickel Complexes Coligated by Tetrazolate Ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 496-502.	0.7	13
63	Adsorption of I_2 by Macrocyclic Polyazadithiophenolato Complexes Mediated by Charge-Transfer Interactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9949-9952.	13.8	13
64	Dinuclear Tb and Dy complexes supported by hybrid Schiff-base/calixarene ligands: synthesis, structures and magnetic properties. <i>Dalton Transactions</i> , 2020, 49, 10901-10908.	3.3	13
65	Preparation and characterization of mononuclear Co, Ni, and Zn complexes of dinucleating macrocyclic hexaaza-dithiophenolate ligands and their open-chain derivatives. <i>Dalton Transactions</i> , 2006, , 3812-3821.	3.3	12
66	Magnetic Properties of Mixed Ligand Ni^{II}_2 and Ni_4 Complexes Composed of Macrocyclic Hexaamine- δ -Dithiophenolato and Bridging Tetrazolato Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1980-1986.	1.2	12
67	Cavitands Incorporating a Lewis Acid Dinickel Chelate Function as Receptors for Halide Anions. <i>Inorganic Chemistry</i> , 2015, 54, 3937-3950.	4.0	12
68	Lanthanide Complexes of a Calix[4]arene Ligand with Dangling Phosphonate and Picolinamide Arms: Synthesis, Crystal Structures, and Extraction Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3111-3122.	2.0	12
69	Mixed-ligand lanthanide complexes supported by ditopic bis(imino-methyl)-phenol/calix[4]arene macrocycles: synthesis, structures, and luminescence properties of $[Ln_2(L)(MeOH)_2]$ ($Ln = La, Eu, Tb, Yb$). <i>Dalton Transactions</i> , 2020, 49, 11179-11191.	3.3	12
70	Encapsulation of the 4-Mercaptobenzoate Ligand by Macrocyclic Metal Complexes: Conversion of a Metallocavitand to a Metalloligand. <i>Inorganic Chemistry</i> , 2014, 53, 10825-10834.	4.0	11
71	Exchange Pathways in Tris- $\frac{1}{4}$ -thiolato-Bridged $[Cr_2L_3](ClO_4)_2Cl \cdot H_2O \cdot MeOH$ ($L =$) T_j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102	4.0	10
72	Notizen: Efficient Medium-Scale Synthesis of 2-Bromo-5-tert-butylbenzene-1,3-dicarbaldehyde. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001, 56, 437-439.	0.7	10

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73	Synthesis, structure, electrochemistry, and magnetic properties of face-sharing bioctahedral nickel complexes containing a $N_3Ni(\frac{1}{4}-S_2)(\frac{1}{4}-X)NiN_3$ core ($X = F^-, Cl^-, Br^-, N_3^-, OH^-$). <i>Journal of Organometallic Chemistry</i> , 2016, 821, 171-181.	1.8	10
74	Preparation and Characterization of Heterocyclic Compounds Containing S, Se, and Te Ring Atoms. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 2010-2016.	1.2	9
75	The first binucleating amino-thiophenolate macrocycles with pendant hydroxyethyl groups. <i>Dalton Transactions</i> , 2009, , 5281.	3.3	9
76	Stabilization of Hypophosphite in the Binding Pocket of a Dinuclear Macrocylic Complex: Synthesis, Structure, and Properties of $[Ni_2(L(\frac{1}{4}-O_2)PH_2)]BPh_4$ ($L = Tj ETQq_0 O_0 rgBT / Overlo$	1.0	9
77	Preparation and Characterisation of Dinuclear Nickel(II) Complexes Containing $N_3Ni(\frac{1}{4}1,3-SO_3R)_2(\frac{1}{4}-O_2CR)NiN_3$ Cores: Crystal Structures and Magnetic Properties of $[Ni_2(L_2)(O_2CCH_3)]BPh_4$ and $[Ni_2(L_2)(O_2CPh)]BPh_4$ [$H_2L_2 =$ Macrocylic Ligand with a $N_6(SO_3)_2$ Donor. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2381-2388.	2.0	9
78	Tetranuclear complexes composed of dinickel(II) macrocylic fragments bridged by 5,5- Δ^2 -(1,3-phenylene)bis-1H-tetrazolato and N,N-bis(tetrazol-5-ato)amine coligands: Synthesis, structures and magnetic properties. <i>Polyhedron</i> , 2013, 49, 183-189.	2.2	9
79	STM Study of Au(111) Surface-Grafted Paramagnetic Macrocylic Complexes $[Ni_2(L(Hmba))]^{sup}+$ via Ambidentate Coligands. <i>Langmuir</i> , 2016, 32, 4464-4471.	3.5	9
80	Preparation and characterization of macrocylic dinickel complexes coligated by monoalkyl- and dialkylcarbamates. <i>Inorganica Chimica Acta</i> , 2009, 362, 793-798.	2.4	8
81	Synthesis, Structure, and Reactivity of Dinuclear Nickel Amino-Thiophenolate Complexes Bearing Bridging $VO_2(OH)_2$ and $VO_2(OR)_2$ Coligands. <i>Inorganic Chemistry</i> , 2012, 51, 5213-5223.	4.0	8
82	Macrocylic $[M_2(L(\frac{1}{4}-L\Delta^2))]^{sup}+$ Complexes ($M = Ni^{sup}II, Zn^{sup}II; L\Delta^2 =$) <i>Tj ETQq_0 O_0 rgB</i> Donor Units: Preparation, Reactivity, Structure, and Stability. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2389-2401.	2.0	8
83	Interconnected electrocatalytic Pt-metal networks by plasma treatment of nanoparticle-peptide fibril assemblies. <i>RSC Advances</i> , 2019, 9, 5558-5569.	3.6	8
84	Synthesis and Structure of a Tetranuclear Nickel Complex of a 40-Membered Macrocylic Octaamine-Tetrathiophenolate Ligand. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2000, 55, 961-965.	0.7	7
85	Preparation and Characterization of Mononuclear Ni Complexes of Tetradentate Amine-thioether and Amine-thiolate Ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 508-518.	0.7	7
86	Preparation and characterization of dinuclear palladium tetraamin Δ^2 -thiophenolate complexes coligated by bridging acetate and acetamidate units. <i>Inorganica Chimica Acta</i> , 2007, 360, 3189-3195.	2.4	7
87	Dinuclear Complexes with Dithiolate Δ^2 -bridged Square Δ^2 -pyramidal and Octahedral Nickel(II) Ions Δ^2 Syntheses, Characterization, and Crystal Structures. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 2330-2336.	1.2	7
88	Synthesis and Structure of a Macrocylic Dinickel Complex Incorporating a Hypercoordinated Sulfenium(II) Cation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1435-1437.	1.2	7
89	Synthesis and characterization of 5-amino-1,3-di-tert-butyl-2H-tetrazol-1-ium bis[di- $\frac{1}{4}$ -chlorido-bis[dichloridocuprate(II)]]. <i>Inorganica Chimica Acta</i> , 2014, 419, 124-129.	2.4	7
90	The First Characterized Coordination Compounds of Macrocylic Ligands Including Incorporated Tetrazole Rings. <i>Crystal Growth and Design</i> , 2017, 17, 1796-1805.	3.0	7

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91	Coordination chemistry and photoswitching of dinuclear macrocyclic cadmium-, nickel-, and zinc complexes containing azobenzene carboxylate co-ligands. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 840-851.	2.2	7
92	Multidentate extracting agents based on calix[4]arene scaffold – UVI/EuIII separation studies. <i>Separation and Purification Technology</i> , 2019, 213, 246-254.	7.9	7
93	Chemisorption of Exchange-Coupled [Ni ₂ L(dppba)] ⁺ Complexes on Gold by Using Ambidentate 4-(Diphenylphosphino)benzoate Co-Ligands. <i>Chemistry - A European Journal</i> , 2013, 19, 7787-7801.	3.3	6
94	Structure and Bonding in Nickel-Thiolate-Iodine Charge-Transfer Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 2303-2314.	3.3	6
95	Uranium(VI) Complexes with a Calix[4]arene-Based 8-Hydroxyquinoline Ligand: Thermodynamic and Structural Characterization Based on Calorimetry, Spectroscopy, and Liquid-Liquid Extraction. <i>ChemistryOpen</i> , 2018, 7, 467-474.	1.9	6
96	Tetra-Substituted tert-Butylcalix[4]Arene with Phosphoryl and Salicylamide Functional Groups: Synthesis, Complexation and Selective Extraction of Element Cations. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	6
97	Synthesis, characterisation and crystal structure of a Pd(II) complex of a heterocyclic selenium(IV) imide. <i>Dalton Transactions</i> , 2007, , 4511.	3.3	5
98	Nickel(II)-Complexes of Aliphatic and Aromatic Nitro Compounds: Preparation and Crystal Structures of [Ni ₂ L(1,3-O ₂ NC ₆ H ₄ O)] [ClO ₄] and [Ni ₂ L(1,3-O ₂ P(OC ₆ H ₄ NO ₂) ₂)] [BPh ₄] (L = macrocyclic) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.2	5
99	260-264. Palladium-mediated Cleavage of S-C Bonds: Preparation and Characterization of Palladium(II) Complexes of 2,6-Diformyl-4-tert-butylthiophenol Dioxime. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1274-1277.	1.2	5
100	Selective Synthesis and Complexation of Novel N-N-Alkylene-Bridged Bis(5-pyridyltetrazole). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1611-1617.	1.2	5
101	Light controlled oxidation by supramolecular Zn(II) Schiff-base complexes. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4333-4346.	6.0	5
102	Tetranuclear Lanthanide Complexes Supported by Hydroxyquinoline-Calix[4]arene-Ligands: Synthesis, Structure, and Magnetic Properties of [Ln ₄ (H ₃ L) ₂ (μ-OH) ₂ (NO ₃) ₄] (Ln = Tb, Dy, Yb) and [Dy ₂ (H ₄ L) ₂ (NO ₃) ₃](NO ₃). <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4203-4214.	2.0	5
103	Expanded Mercaptocalixarenes: A New Kind of Macrocyclic Ligands for Stabilization of Polynuclear Thiolate Clusters. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	5
104	Nickel Complexes of N-Alkylated Derivatives of 2,6-Bis(aminomethyl)-4-tert-butyl-thiophenol. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1998, 53, 1379-1385.	0.7	4
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