

# Harald Krautscheid

## List of Publications by Year in descending order

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206  
papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Microimaging of transient guest profiles to monitor mass transfer in nanoporous materials. <i>Nature Materials</i> , 2014, 13, 333-343.	27.5	187
2	A New Copper Selenide Cluster with PPh <sub>3</sub> Ligands: [Cu <sub>146</sub> Se <sub>73</sub> (PPh <sub>3</sub> ) <sub>30</sub> ]. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1303-1305.	4.4	161
3	Neutral and Cationic Tetracoordinated Aluminum Complexes Featuring Tridentate Nitrogen Donors: Synthesis, Structure, and Catalytic Activity for the Ring-Opening Polymerization of Propylene Oxide and (d,l)-Lactide. <i>Organometallics</i> , 1998, 17, 3599-3608.	2.3	146
4	1,2,4,5-Tetrazine: an unprecedented 1/44-coordination that enhances ability for anion-π interactions. <i>Dalton Transactions</i> , 2009, , 2856.	3.3	126
5	Silver(i) ions bridged by pyridazine: doubling the ligand functionality for the design of unusual 3D coordination frameworks. <i>Dalton Transactions</i> , 2007, , 3893.	3.3	118
6	Pure and mixed gas adsorption of CH <sub>4</sub> and N <sub>2</sub> on the metal-organic framework Basolite® A100 and a novel copper-based 1,2,4-triazolyl isophthalate MOF. <i>Journal of Materials Chemistry</i> , 2012, 22, 10274.	6.7	115
7	A Microporous Copper Metal-Organic Framework with High H <sub>2</sub> and CO <sub>2</sub> Adsorption Capacity at Ambient Pressure. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10344-10348.	13.8	106
8	Extended coordination frameworks incorporating heterobimetallic squares. <i>Dalton Transactions</i> , 2004, , 2899.	3.3	105
9	Metal-organic frameworks exhibiting strong anion-π interactions. <i>Chemical Communications</i> , 2006, , 4808-4810.	4.1	90
10	Discrete and polymeric iodoplumbates with Pb <sub>3</sub> I <sub>10</sub> building blocks: [Pb <sub>3</sub> I <sub>10</sub> ] <sup>4-</sup> , [Pb <sub>7</sub> I <sub>22</sub> ] <sup>8-</sup> , [Pb <sub>10</sub> I <sub>28</sub> ] <sup>8-</sup> , [Pb <sub>31</sub> I <sub>104</sub> ] <sup>4-</sup> and [Pb <sub>71</sub> I <sub>184</sub> ] <sup>4-</sup> . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2731-2735.	1.1	87
11	Synthesis and crystal structures of iodoplumbate chains, ribbons and rods with new structural types. <i>Dalton Transactions RSC</i> , 2001, , 1099-1104.	2.3	82
12	[Pb <sub>18</sub> I <sub>44</sub> ] <sup>8-</sup> : An Iodoplumbate with an Unusual Structure. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2035-2037.	4.4	79
13	Zintl Anions as Starting Compounds for the Synthesis of Polynuclear Transition Metal Complexes. <i>Chemistry - A European Journal</i> , 1996, 2, 238-244.	3.3	79
14	New Copper Clusters Containing Se and PEt <sub>3</sub> as Ligands: [Cu <sub>70</sub> Se <sub>35</sub> (PEt <sub>3</sub> ) <sub>22</sub> ] and [Cu <sub>20</sub> Se <sub>13</sub> (PEt <sub>3</sub> ) <sub>12</sub> ]. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1452-1454.	4.4	78
15	Assessment of hydrogen storage by physisorption in porous materials. <i>Energy and Environmental Science</i> , 2012, 5, 8294.	30.8	75
16	Ein neuer Kupferselenidcluster mit PPh <sub>3</sub> als Ligand: [Cu <sub>146</sub> Se <sub>73</sub> (PPh <sub>3</sub> ) <sub>30</sub> ]. <i>Angewandte Chemie</i> , 1993, 105, 1364-1367.	2.0	72
17	Metal-organic frameworks incorporating Cu <sub>3</sub> (1/3-OH) clusters. <i>Dalton Transactions</i> , 2006, , 3772-3776.	3.3	71
18	Synthesis and Structure of a Neutral SiAl <sub>14</sub> Cluster. <i>Journal of the American Chemical Society</i> , 2000, 122, 6955-6959.	13.7	70

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19	New microporous copper(II) coordination polymers based upon bifunctional 1,2,4-triazole/tetrazolate bridges. <i>CrystEngComm</i> , 2008, 10, 1216.	2.6	65
20	Synthese und Kristallstrukturen von (Ph <sub>4</sub> P) <sub>4</sub> [Bi <sub>8</sub> I <sub>28</sub> ], (nBu <sub>4</sub> N)[Bi <sub>2</sub> I <sub>7</sub> ] und (Et <sub>3</sub> PhN) <sub>2</sub> [Bi <sub>3</sub> I <sub>11</sub> ] - Iodobismutate mit isolierten bzw. polymeren Anionen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1995, 621, 2049-2054.	1.2	64
21	Metal oxide-organic frameworks (MOOFs), a new series of coordination hybrids constructed from molybdenum(vi) oxide and bitopic 1,2,4-triazole linkers. <i>Dalton Transactions</i> , 2010, 39, 4223.	3.3	64
22	Hydrothermal Synthesis and Structure of Coordination Polymers by Combination of Bipyrazole and Aromatic Dicarboxylate Ligands. <i>Crystal Growth and Design</i> , 2009, 9, 4613-4625.	3.0	63
23	1,2,4-Triazolyl-Carboxylate-Based MOFs Incorporating Triangular Cu(II)-Hydroxo Clusters: Topological Metamorphosis and Magnetism. <i>Inorganic Chemistry</i> , 2014, 53, 3642-3654.	4.0	62
24	Functionalized Adamantane Tectons Used in the Design of Mixed-Ligand Copper(II) 1,2,4-Triazolyl/Carboxylate Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2013, 52, 863-872.	4.0	59
25	Heteroepitaxial growth of $\hat{1}\pm$ -, $\hat{1}^2$ -, $\hat{1}^3$ - and $\hat{1}^e$ -Ga <sub>2</sub> O <sub>3</sub> phases by metalorganic vapor phase epitaxy. <i>Journal of Crystal Growth</i> , 2019, 510, 76-84.	1.5	59
26	Synthese und Kristallstrukturen von [Li(thf) <sub>4</sub> ] <sub>2</sub> [Bi <sub>4</sub> I <sub>14</sub> (thf) <sub>2</sub> ], [Li(thf) <sub>4</sub> ] <sub>4</sub> [Bi <sub>5</sub> I <sub>19</sub> ] und (Ph <sub>4</sub> P) <sub>4</sub> [Bi <sub>6</sub> I <sub>22</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1994, 620, 1559-1564.	1.2	58
27	Formation of Mixed Metal Cu <sub>3</sub> â€“xZn <sub>x</sub> (btc) <sub>2</sub> Frameworks with Different Zinc Contents: Incorporation of Zn <sup>2+</sup> into the Metal-Organic Framework Structure as Studied by Solid-State NMR. <i>Journal of Physical Chemistry C</i> , 2012, 116, 20866-20873.	3.1	58
28	AgI/VHeterobimetallic Frameworks Generated from Novel-Type {Ag <sub>2</sub> (VO <sub>2</sub> F <sub>2</sub> ) <sub>2</sub> (triazole) <sub>4</sub> } Secondary Building Blocks: A New Aspect in the Design of SVOF Hybrids. <i>Inorganic Chemistry</i> , 2012, 51, 8025-8033.	4.0	58
29	Synthesis and Structure of Novel Cu-Clusters: [Cu <sub>30</sub> â€“xSe <sub>15</sub> (PiPr <sub>3</sub> ) <sub>12</sub> ](x= 0,1) and [Cu <sub>36</sub> Se <sub>18</sub> (PtBu <sub>3</sub> ) <sub>12</sub> ]. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 796-799.	4.4	55
30	Neue Kupfercluster mit Se und PEt <sub>3</sub> als Liganden: [Cu <sub>70</sub> Se <sub>35</sub> (PEt <sub>3</sub> ) <sub>22</sub> ] und [Cu <sub>20</sub> Se <sub>13</sub> (PEt <sub>3</sub> ) <sub>12</sub> ]. <i>Angewandte Chemie</i> , 1990, 102, 1513-1516.	2.0	55
31	Copper(i) and silver(i) coordination frameworks involving extended bipyridazine bridges. <i>New Journal of Chemistry</i> , 2008, 32, 1910.	2.8	55
32	A novel copper-based MOF material: Synthesis, characterization and adsorption studies. <i>Microporous and Mesoporous Materials</i> , 2011, 142, 62-69.	4.4	53
33	1,2,4-Triazole functionalized adamantanes: a new library of polydentate tectons for designing structures of coordination polymers. <i>Dalton Transactions</i> , 2012, 41, 8675.	3.3	52
34	[(CpNi) <sub>2</sub> (Cp*Al) <sub>2</sub> ]: Cp*Al as a Bridging Two-Electron Ligand. <i>Angewandte Chemie International Edition in English</i> , 1995, 33, 2482-2483.	4.4	51
35	New Intermediate Steps in the Synthesis of Larger Nickel Clusters. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 321-323.	4.4	49
36	Metal complexes of benzimidazole derived sulfonamide: Synthesis, molecular structures and antimicrobial activity. <i>Inorganica Chimica Acta</i> , 2016, 443, 179-185.	2.4	49

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37	Adsorption of Small Molecules on Cu <sub>3</sub> (btc) <sub>2</sub> and Cu <sub>3</sub> Zn <sub>3</sub> (btc) <sub>2</sub> Metal-Organic Frameworks (MOF) As Studied by Solid-State NMR. <i>Journal of Physical Chemistry C</i> , 2013, 117, 7703-7712.	3.1	47
38	Syntheses with a Chiral Building Block from the Citric Acid Cycle: (2 <i>R</i> ,3 <i>S</i> )-Citric Acid by Fermentation of Sunflower Oil. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1958-1960.	13.8	44
39	Synthesis and Structure of the First Chiral Tetracoordinated Aluminum Cation. <i>Journal of the American Chemical Society</i> , 1996, 118, 5822-5823.	13.7	43
40	Hydrogen Bonding Patterns and Supramolecular Structure of 4,4'-Bipyrazolium Salts. <i>Crystal Growth and Design</i> , 2009, 9, 2895-2905.	3.0	43
41	Synthesis, Structure, and Electron Paramagnetic Resonance Study of a Mixed Valent Metal-Organic Framework Containing Cu <sub>2</sub> Paddle-Wheel Units. <i>Journal of Physical Chemistry C</i> , 2015, 119, 4898-4907.	3.1	43
42	Indium-bipyridine-catalyzed, enantioselective thiolysis of meso-epoxides. <i>Chemical Communications</i> , 2007, , 2756-2758.	4.1	42
43	Highly functionalised 3,4,5-trisubstituted 1,2,4-triazoles for future use as ligands in coordination polymers. <i>Tetrahedron Letters</i> , 2010, 51, 653-656.	1.4	42
44	Selective crystallization of indigo B by a modified sublimation method and its redetermined structure. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2867-o2867.	0.2	42
45	A Neutral, Triple-Helical, Trinuclear, Oxo-Centered Mixed-Valence Iron Complex. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2206-2208.	4.4	41
46	Time dependent water uptake in Cu <sub>3</sub> (btc) <sub>2</sub> MOF: Identification of different water adsorption states by 1H MAS NMR. <i>Microporous and Mesoporous Materials</i> , 2013, 180, 8-13.	4.4	41
47	An Isomorphous Series of Cubic, Copper-Based Triazolyl Isophthalate MOFs: Linker Substitution and Adsorption Properties. <i>Inorganic Chemistry</i> , 2012, 51, 7579-7586.	4.0	40
48	Naphthoquinone-derivative as a synthetic compound to overcome the antibiotic resistance of methicillin-resistant <i>S. aureus</i> . <i>Communications Biology</i> , 2020, 3, 529.	4.4	39
49	Triazolyl-Based Copper-Molybdate Hybrids: From Composition Space Diagram to Magnetism and Catalytic Performance. <i>Inorganic Chemistry</i> , 2014, 53, 10112-10121.	4.0	38
50	Base hydrolysis of ruthenium(II) thiophene complexes and reactions of the coordinated ligands. <i>Organometallics</i> , 1993, 12, 3273-3281.	2.3	37
51	(BzI4P) <sub>2</sub> [Bi <sub>2</sub> I <sub>8</sub> ] - ein Iodobismutat mit 1/4-fach koordiniertem Bi <sup>3+</sup> -Ion. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1999, 625, 192-194.	1.2	37
52	Synthesis, Crystal Structure and Catalytic Behavior of Homo- and Heteronuclear Coordination Polymers [M(tdc)(bpy)] (M <sup>2+</sup> = Fe <sup>2+</sup> , Co <sup>2+</sup> , Zn <sup>2+</sup> ), <i>Tetrahedron Letters</i> , 2007, 48, 8738-8742.	4.0	36
53	Structural flexibility of a copper-based metal-organic framework: sorption of C <sub>4</sub> -hydrocarbons and in situ XRD. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8075-8085.	10.3	36
54	Selective oxidation of cyclooctene over copper-containing metal-organic frameworks. <i>Microporous and Mesoporous Materials</i> , 2015, 216, 151-160.	4.4	36

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55	Synthesis and Structural Elucidation of Triazolylmolybdenum(VI) Oxide Hybrids and Their Behavior as Oxidation Catalysts. <i>Inorganic Chemistry</i> , 2015, 54, 8327-8338.	4.0	36
56	Polymere Iodoplumbate - Synthese und Kristallstrukturen von $(\text{Pr}_3\text{N}-\text{C}_2\text{H}_4-\text{NPr}_3)[\text{Pb}_6\text{I}_{14}(\text{dmf})_2] \cdot 4\text{DMF}$ , $(\text{Pr}_3\text{N}-\text{C}_2\text{H}_4-\text{NPr}_3)[\text{Pb}(\text{dmf})_6][\text{Pb}_5\text{I}_{14}] \cdot \text{DMF}$ und $(\text{Me}_3\text{N}-\text{C}_2\text{H}_4-\text{NMe}_3)_2[\text{Pb}_2\text{I}_7]$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1998, 624, 807-812.	1.2	35
57	4,4'-Bipyridazine: a new twist for the synthesis of coordination polymers. <i>Dalton Transactions</i> , 2007, , 3140-3148.	3.3	35
58	Solvothermal Synthesis and Characterization of Large-Crystal All-Silica, Aluminum-, and Boron-Containing Ferrierite Zeolites. <i>Chemistry of Materials</i> , 2011, 23, 2521-2528.	6.7	35
59	Water-Mediated Proton Conduction in a Robust Triazolyl Phosphonate Metal-Organic Framework with Hydrophilic Nanochannels. <i>Chemistry - A European Journal</i> , 2014, 20, 8862-8866.	3.3	35
60	Facile and selective polynitrations at the 4-pyrazolyl dual backbone: straightforward access to a series of high-density energetic materials. <i>New Journal of Chemistry</i> , 2019, 43, 1305-1312.	2.8	35
61	Trialkylphosphine-Stabilized Copper(I) Phenylchalcogenolate Complexes - Crystal Structures and Copper-Chalcogenolate Bonding. <i>Inorganic Chemistry</i> , 2011, 50, 4742-4752.	4.0	32
62	Network Flexibility: Control of Gate Opening in an Isostructural Series of Ag-MOFs by Linker Substitution. <i>Inorganic Chemistry</i> , 2014, 53, 7599-7607.	4.0	32
63	Iodostannate mit polymeren Anionen: $(\text{Me}_3\text{PhN})_4[\text{Sn}_3\text{I}_{10}]$ , $[\text{Me}_2\text{HN}(\text{CH}_2)_2\text{NMe}_2]_2[\text{Sn}_3\text{I}_{10}]$ und $[\text{Me}_2\text{HN}(\text{CH}_2)_2\text{NMe}_2]_2[\text{Sn}_3\text{I}_8]$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001, 627, 1454-1458.	1.2	29
64	Fused pyridazines: rigid multidentates for designing and fine-tuning the structure of hybrid organic/inorganic frameworks. <i>Dalton Transactions</i> , 2004, , 1153-1158.	3.3	29
65	Paddle Wheel Based Triazolyl Isophthalate MOFs: Impact of Linker Modification on Crystal Structure and Gas Sorption Properties. <i>Inorganic Chemistry</i> , 2016, 55, 3030-3039.	4.0	29
66	Neue mehrkernige Pd-Komplexe mit S, Se und PPh <sub>3</sub> als Liganden. Die Kristallstrukturen von $[\text{Pd}_5\text{Se}_4\text{Cl}_2(\text{PPh}_3)_6]$ , $[\text{Pd}_4\text{NiS}_4\text{Cl}_2(\text{PPh}_3)_6]$ , $[\text{Pd}_5\text{Se}_5(\text{PPh}_3)_5]$ , $[\text{Pd}_6\text{Se}_4\text{Cl}_4(\text{PPh}_3)_6]$ , $[\text{Pd}_7\text{Se}_6(\text{SeH})\text{Cl}(\text{PPh}_3)_7]$ , $[\text{Pd}_8\text{Se}_8(\text{PPh}_3)_8]$ und $[\text{Pd}_8\text{Se}_8\text{Cl}(\text{PPh}_3)_8] + [\text{CpCrCl}_3]$ - / New Multinuclear Pd Complexes with S, Se and PPh <sub>3</sub> as Ligands. The Crystal Structures of $[\text{Pd}_5\text{Se}_4\text{Cl}_2(\text{PPh}_3)_6]$ , $[\text{Pd}_4\text{NiS}_4\text{Cl}_2(\text{PPh}_3)_6]$ , $[\text{Pd}_5\text{Se}_5(\text{PPh}_3)_5]$ , $[\text{Pd}_6\text{Se}_4\text{Cl}_4(\text{PPh}_3)_6]$ , $[\text{Pd}_7\text{Se}_6(\text{SeH})\text{Cl}(\text{PPh}_3)_7]$ , $[\text{Pd}_8\text{Se}_8(\text{PPh}_3)_8]$ and $[\text{Pd}_8\text{Se}_8\text{Cl}(\text{PPh}_3)_8] + [\text{CpCrCl}_3]$ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1991, 46, 1384-1394.	0.7	28
67	Iodoplumbate mit polymeren Anionen - Synthese und Kristallstrukturen von $[\text{Na}_3(\text{OCMe}_2)_{12}][\text{Pb}_4\text{I}_{11}(\text{OCMe}_2)]$ , $(\text{Ph}_4\text{P})_2[\text{Pb}_5\text{I}_{12}]$ und $(\text{Ph}_4\text{P})_4[\text{Pb}_{15}\text{I}_{34}(\text{dmf})_6]$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1996, 622, 1781-1787.	1.2	28
68	$[\text{BuN}(\text{CH}_2\text{CH}_2)_3\text{NBu}]_3[\text{Pb}_5\text{I}_{16}] \cdot 4\text{DMF}$ - ein Iodoplumbat mit nahezu D <sub>5h</sub> -symmetrischem Anion. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2000, 626, 3-5.	1.2	28
69	Polynuclear and polymeric metal complexes based upon 1,2,4-triazolyl functionalized adamantanes. <i>Inorganica Chimica Acta</i> , 2009, 362, 4439-4448.	2.4	28
70	New organometallic single-source precursors for CuGaS <sub>2</sub> polytypism in gallite nanocrystals obtained by thermolysis. <i>Dalton Transactions</i> , 2012, 41, 8635.	3.3	28
71	Water stable triazolyl phosphonate MOFs: steep water uptake and facile regeneration. <i>Dalton Transactions</i> , 2015, 44, 18727-18730.	3.3	28
72	Structural, spectral and theoretical aspects in the coordination of a triazine-based ligand toward lead(II) with a holodirected environment. <i>Polyhedron</i> , 2017, 133, 146-154.	2.2	28

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73	<sup>113</sup> Cd Solid-State NMR for Probing the Coordination Sphere in Metal-Organic Frameworks. Chemistry - A European Journal, 2015, 21, 1118-1124.	3.3	27
74	Synthese und Kristallstrukturen kettenförmiger und netzartiger Iodoplumbate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1997, 623, 259-263.	1.2	26
75	Synthesis of Tetrahemispheraplexes with Ammonium, Alkylammonium or Alkaline Metal Ions as Exohedral Guests via Self-Assembly or Guest Exchange. European Journal of Inorganic Chemistry, 2003, 2003, 822-829.	2.0	26
76	Trialkylphosphine-Stabilized Copper(I) Gallium(III) Phenylchalcogenolate Complexes: Crystal Structures and Generation of Ternary Semiconductors by Thermolysis. Inorganic Chemistry, 2012, 51, 6655-6666.	4.0	26
77	Modular construction of 3D coordination frameworks incorporating SiF <sub>6</sub> <sup>2-</sup> links: Accessing the significance of [M(pyrazole) <sub>4</sub> {SiF <sub>6</sub> }] synthon. CrystEngComm, 2013, 15, 8280.	2.6	26
78	Composition Space Analysis in the Development of Copper Molybdate Hybrids Decorated by a Bifunctional Pyrazolyl/1,2,4-Triazole Ligand. Inorganic Chemistry, 2016, 55, 239-250.	4.0	26
79	Solid-State Syntheses of Coordination Polymers by Thermal Conversion of Molecular Building Blocks and Polymeric Precursors. Inorganic Chemistry, 2012, 51, 6180-6189.	4.0	24
80	Schwache Sn-Cl-Wechselwirkungen in den Kristallstrukturen der Iodostannate [Sn <sub>4</sub> I] <sub>2</sub> - und [Sn <sub>3</sub> I] <sub>3</sub> -. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 326-331.	1.2	23
81	Copper-bipyridine-catalyzed enantioselective $\alpha$ -amination of $\beta$ -keto esters. Tetrahedron Letters, 2010, 51, 1860-1862.	1.4	23
82	Zur Reaktion von [MCl <sub>2</sub> (PR <sub>3</sub> ) <sub>2</sub> ] (M = Ni, Pd) mit E(SiMe <sub>3</sub> ) <sub>2</sub> (E = S, Se) Die Kristallstrukturen von [Ni <sub>3</sub> S <sub>2</sub> Cl <sub>2</sub> (PPh <sub>3</sub> ) <sub>4</sub> ], [Pd <sub>3</sub> S <sub>2</sub> Cl <sub>2</sub> (PPh <sub>3</sub> ) <sub>4</sub> ], [Ni <sub>3</sub> Se <sub>2</sub> (SeSiMe <sub>3</sub> ) <sub>2</sub> (P(CH <sub>2</sub> Ph) <sub>3</sub> ) <sub>4</sub> ] und Single-Crystal-Electron-Paramagnetic-Resonance-with-Dielectric-Resonator-Of-Mononuclear-Cu <sup>2+</sup> Ions in a Metal-Organic Framework Containing Cu <sub>2</sub> Paddle Wheel Units. Journal of Physical Chemistry C, 2015, 119, 19171-19179.	0.7	23
83	Single-Crystal-Electron-Paramagnetic-Resonance-with-Dielectric-Resonator-Of-Mononuclear-Cu <sup>2+</sup> Ions in a Metal-Organic Framework Containing Cu <sub>2</sub> Paddle Wheel Units. Journal of Physical Chemistry C, 2015, 119, 19171-19179.	3.1	21
84	Docking studies to evaluate the biological activities of the Co(II) and Ni(II) complexes containing the triazine unit: supported by structural, spectral, and theoretical studies. Journal of Coordination Chemistry, 2018, 71, 3893-3911.	2.2	21
85	3D Coordination Polymer Incorporating Discrete Molecular Octahedra. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 1413-1418.	1.2	20
86	Synthesis, Crystal Structure, and Electron Paramagnetic Resonance Investigations of Heteronuclear Coll/Zn and Coll/Cd Coordination Polymers. Inorganic Chemistry, 2011, 50, 213-219.	4.0	20
87	Organo-Gallium/Indium Chalcogenide Complexes of Copper(I): Molecular Structures and Thermal Decomposition to Ternary Semiconductors. Chemistry - A European Journal, 2014, 20, 1318-1331.	3.3	20
88	Sonochemical synthesis and characterization of three nano zinc(II) coordination polymers; Precursors for preparation of zinc(II) oxide nanoparticles. Ultrasonics Sonochemistry, 2016, 32, 86-94.	8.2	20
89	Triazolyl, Imidazolyl, and Carboxylic Acid Moieties in the Design of Molybdenum Trioxide Hybrids: Photophysical and Catalytic Behavior. Inorganic Chemistry, 2017, 56, 4380-4394.	4.0	20
90	Development of Erasin: a chromone-based STAT3 inhibitor which induces apoptosis in Erlotinib-resistant lung cancer cells. Scientific Reports, 2017, 7, 17390.	3.3	20

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91	Iodostannate(II) mit kettenförmigen [SnI <sub>3</sub> ]-Anionen - der Übergang von fünf- zu sechsfach koordinierten SnII-Zentralatomen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 841-846.	1.2	19
92	Bromoplumbate mit kettenförmigen und isolierten Anionen: (Bzl <sub>4</sub> P) <sub>2</sub> [Pb <sub>3</sub> Br <sub>8</sub> ], (Bzl <sub>4</sub> P) <sub>2</sub> [Pb <sub>3</sub> Br <sub>8</sub> (dmf) <sub>2</sub> ], (Bzl <sub>4</sub> P)[PbBr <sub>3</sub> ], (Bzl <sub>4</sub> P) <sub>2</sub> [PbBr <sub>4</sub> ] und (Bzl <sub>4</sub> P) <sub>4</sub> [Pb <sub>2</sub> Br <sub>6</sub> ][PbBr <sub>4</sub> ]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2002, 628, 57-62.	1.2	19
93	[FeIII(tmdta)] twist-boat/half-chair conformer ratio reliably deduced from DFT-calculated Raman spectra. Chemical Communications, 2007, , 3960.	4.1	19
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