

# Katharina M Fromm

## List of Publications by Year in descending order

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220  
papers

10,225  
citations

71102

41  
h-index

38395

95  
g-index

236  
all docs

236  
docs citations

236  
times ranked

13957  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial properties of nanoparticles. Trends in Biotechnology, 2012, 30, 499-511.	9.3	2,113
2	Coordination polymer networks with O- and N-donors: What they are, why and how they are made. Coordination Chemistry Reviews, 2006, 250, 2127-2157.	18.8	1,384
3	Nanobio Silver: Its Interactions with Peptides and Bacteria, and Its Uses in Medicine. Chemical Reviews, 2013, 113, 4708-4754.	47.7	692
4	Silver Coordination Polymers for Prevention of Implant Infection: Thiol Interaction, Impact on Respiratory Chain Enzymes, and Hydroxyl Radical Induction. Antimicrobial Agents and Chemotherapy, 2010, 54, 4208-4218.	3.2	359
5	Coordination polymer networks with s-block metal ions. Coordination Chemistry Reviews, 2008, 252, 856-885.	18.8	322
6	Polymorphism, what it is and how to identify it: a systematic review. RSC Advances, 2013, 3, 16905.	3.6	166
7	Toposelective and Chiroselective Self-Assembly of [2 $\times$ 2] Grid-Type Inorganic Arrays Containing Different Octahedral Metallic Centers. Angewandte Chemie - International Edition, 1998, 37, 2364-2367.	13.8	126
8	New Antimicrobial Strategies Based on Metal Complexes. Chemistry, 2020, 2, 849-899.	2.2	122
9	Nanorattles or Yolk-Shell Nanoparticles-What Are They, How Are They Made, and What Are They Good For?. Chemistry - A European Journal, 2015, 21, 3854-3874.	3.3	119
10	Silver coordination compounds as light-stable, nano-structured and anti-bacterial coatings for dental implant and restorative materials. Journal of Materials Chemistry, 2008, 18, 5359.	6.7	109
11	Concomitant crystallization of two polymorphs-a ring and a helix: concentration effect on supramolecular isomerism. Chemical Communications, 2005, , 4548.	4.1	104
12	Triggered Metal Ion Release and Oxidation: Ferrocene as a Mechanophore in Polymers. Angewandte Chemie - International Edition, 2018, 57, 11445-11450.	13.8	100
13	Multiple Expression of Molecular Information: Enforced Generation of Different Supramolecular Inorganic Architectures by Processing of the Same Ligand Information through Specific Coordination Algorithms. Chemistry - A European Journal, 2000, 6, 2103-2111.	3.3	97
14	Preventing Implant-Associated Infections by Silver Coating. Antimicrobial Agents and Chemotherapy, 2016, 60, 2467-2475.	3.2	88
15	Toxicity and Protective Effects of Cerium Oxide Nanoparticles (Nanoceria) Depending on Their Preparation Method, Particle Size, Cell Type, and Exposure Route. European Journal of Inorganic Chemistry, 2015, 2015, 4510-4517.	2.0	87
16	Construction of Polynuclear Lanthanide (Ln = Dy <sup>III</sup> , Tb <sup>III</sup> , and Nd <sup>III</sup> ) Cage Complexes Using Pyridine-Pyrazole-Based Ligands: Versatile Molecular Topologies and SMM Behavior. Inorganic Chemistry, 2015, 54, 8197-8206.	4.0	85
17	Electron Transfer in Peptides: The Influence of Charged Amino Acids. Angewandte Chemie - International Edition, 2011, 50, 1926-1930.	13.8	80
18	Zintl Anions as Starting Compounds for the Synthesis of Polynuclear Transition Metal Complexes. Chemistry - A European Journal, 1996, 2, 238-244.	3.3	79

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19	Structures of alkali and alkaline earth metal clusters with oxygen donor ligands. <i>Polyhedron</i> , 2004, 23, 1479-1504.	2.2	74
20	Hooked-on-Calix[8]arenes: A (H <sub>2</sub> O) <sub>10</sub> Cluster with an Unprecedented Structure. <i>Crystal Growth and Design</i> , 2005, 5, 1691-1694.	3.0	66
21	A Thermo- and Mechanoresponsive Cyano-Substituted Oligo(phenylene vinylene) Derivative with Five Emissive States. <i>Chemistry - A European Journal</i> , 2016, 22, 4374-4378.	3.3	66
22	cis-Dioxido-molybdenum(VI) complexes of tridentate ONO hydrazone Schiff base: Synthesis, characterization, X-ray crystal structure, DFT calculation and catalytic activity. <i>Inorganica Chimica Acta</i> , 2015, 427, 52-61.	2.4	63
23	Of Chains and Rings: Synthetic Strategies and Theoretical Investigations for Tuning the Structure of Silver Coordination Compounds and Their Applications. <i>Materials</i> , 2010, 3, 3407-3429.	2.9	62
24	Silver Nanoparticle Formation in Different Sizes Induced by Peptides Identified within Split-Mix Libraries. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3661-3664.	13.8	60
25	{Ag(isonicotinamide) <sub>2</sub> NO <sub>3</sub> } <sub>2</sub> a Stable Form of Silver Nitrate. <i>Australian Journal of Chemistry</i> , 2006, 59, 22.	0.9	56
26	The First Two-Dimensional Polycatenane: A New Type of Robust Network Obtained by Ag-Connected One-Dimensional Polycatenanes. <i>Crystal Growth and Design</i> , 2006, 6, 1566-1568.	3.0	55
27	A transparent, flexible, ion conductive, and luminescent PMMA ionogel based on a Pt/Eu bimetallic complex and the ionic liquid [Bmim][N(Tf) <sub>2</sub> ]. <i>Journal of Materials Chemistry</i> , 2012, 22, 8110.	6.7	54
28	Nanoparticle shapes of LiMnPO <sub>4</sub> , Li <sup>+</sup> diffusion orientation and diffusion coefficients for high volumetric energy Li <sup>+</sup> ion cathodes. <i>Journal of Power Sources</i> , 2017, 342, 231-240.	7.8	54
29	Chemistry of alkaline earth metals: It is not all ionic and definitely not boring!. <i>Coordination Chemistry Reviews</i> , 2020, 408, 213193.	18.8	54
30	Efficient Amine End-Functionalization of Living Ring-Opening Metathesis Polymers. <i>Macromolecules</i> , 2012, 45, 4447-4453.	4.8	53
31	Silver nanoparticle engineering via oligovaline organogels. <i>Soft Matter</i> , 2008, 4, 606.	2.7	52
32	Give silver a shine. <i>Nature Chemistry</i> , 2011, 3, 178-178.	13.6	52
33	Silver coordination compounds with antimicrobial properties. <i>Applied Organometallic Chemistry</i> , 2013, 27, 683-687.	3.5	51
34	Hydrogen-Bonding and Metal-Ion-Mediated Self-Assembly of a Nanoporous Crystal Lattice. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1523-1526.	2.0	50
35	The influence of dipole moments on the mechanism of electron transfer through helical peptides. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 13785.	2.8	49
36	Anion-Induced Structural Diversity of Zn and Cd Coordination Polymers Based on Bis-9,10-(pyridine-4-yl)-anthracene, Their Luminescent Properties, and Highly Efficient Sensing of Nitro Derivatives and Herbicides. <i>Inorganic Chemistry</i> , 2019, 58, 5646-5653.	4.0	49

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37	A new mixed-ligand copper(II) complex of (E)-N-(2-hydroxybenzylidene) acetohydrazide: Synthesis, characterization, NLO behavior, DFT calculation and biological activities. Journal of Molecular Structure, 2014, 1072, 267-276.	3.6	47
38	Analogy of the Coordination Chemistry of Alkaline Earth Metal and Lanthanide Ln <sup>2+</sup> Ions: The Isostructural Zoo of Mixed Metal Cages [M(O <sup>t</sup> Bu) <sub>4</sub> {Li(thf)} <sub>4</sub> (OH)] (M=Ca, Sr, Ba, Eu), [MM <sup>2</sup> (OPh) <sub>8</sub> (thf) <sub>6</sub> ] (M=Ca, Sr, Ba, Sm, Eu, M <sup>2</sup> =Li, Ti) ETQq000 rgBT /	3.3	45
39	Synthesis and Structural Analysis of the Polymetallated Alkali Calixarenes [M <sub>4</sub> (p-tert-butylcalix[4]arene-4H)(thf) <sub>x</sub> ] <sub>2</sub> ·nTHF (M=Li, K; n=6 or 1; x=4 or 5) and [Li <sub>2</sub> (p-tert-butylcalix[4]arene-2H)(H <sub>2</sub> O)(-H <sub>2</sub> O)(thf)] <sub>3</sub> ·nTHF. Chemistry - A European Journal, 2003, 9, 509-514.	3.3	43
40	A Logical Concept of Structure Prediction Derived from Supramolecular Polymers of Alkaline Earth Metal Halides Formed by Hydrogen Bonding and Complexation of the Metal Ion. Chemistry - A European Journal, 2001, 7, 2236-2244.	3.3	41
41	On the coordination behaviour of NO <sub>3</sub> <sup>-</sup> in coordination compounds with Ag <sup>+</sup> : Part 1. Solubility effect		

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55	Understanding the Formation of New Clusters of Alkali and Alkaline Earth Metals: A New Synthetic Approach, Single-Crystal Structures, and Theoretical Calculations. <i>Journal of the American Chemical Society</i> , 2003, 125, 3593-3604.	13.7	35
56	Coordination Polymer Networks: An Alternative to Classical Polymers?. <i>Macromolecular Symposia</i> , 2010, 291-292, 75-83.	0.7	35
57	pH-Dependent Coordination of Ag <sup>+</sup> Ions by Histidine: Experiment, Theory, and a Model for SilE. <i>Chemistry - A European Journal</i> , 2013, 19, 1754-1761.	3.3	35
58	Structural Evolution from the Solid State to the Molecule for Ba <sub>2</sub> : Synthesis and Crystal Structures of [Ba <sub>2</sub> ( $\frac{1}{4}$ -OH <sub>2</sub> ) <sub>2</sub> ] <sub>3</sub> , [Ba <sub>2</sub> ( $\frac{1}{4}$ -OH <sub>2</sub> )(OC <sub>3</sub> H <sub>6</sub> ) <sub>2</sub> ] <sub>2</sub> , [Ba <sub>2</sub> (thf) <sub>3</sub> ] <sub>1</sub> , and [Ba <sub>2</sub> (thf) <sub>5</sub> ]. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2799-2801.	4.1	33
59	Counterion effect on the formation of coordination polymer networks between AgNO <sub>3</sub> and L (2,2'-oxybis(ethane-2,1-diyl) diisonicotinate). Part 2. <i>CrystEngComm</i> , 2008, 10, 1542.	2.6	33
60	Tautomerism in 1-phenylazo-4-naphthols: Experimental results vs quantum-chemical predictions. <i>Dyes and Pigments</i> , 2012, 92, 714-723.	3.7	33
61	Reducible Nanoscale Molecular Rods Based on Diacetylene-Linked Poly(phenylthio)-Substituted Benzenes. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2370-2372.	4.4	32
62	Structure-property relationships: Polymorphism, solvates, and clay behavior in the one-dimensional coordination polymer chains [Ag(L)(NO <sub>3</sub> )](H <sub>2</sub> O) <sub>n</sub> , L=ethanediy bis(isonicotinate), n=0, and 2. <i>Inorganica Chimica Acta</i> , 2007, 360, 212-220.	2.4	32
63	Tautocrowns: a concept for a sensing molecule with an active side-arm. <i>Tetrahedron</i> , 2010, 66, 4292-4297.	1.9	32
64	CFA-2 and CFA-3 (Coordination Framework Augsburg University-2 and -3); novel MOFs assembled from trinuclear Cu(i)/Ag(i) secondary building units and 3,3',5,5'-tetraphenyl-bipyrazolate ligands. <i>Dalton Transactions</i> , 2013, 42, 6909.	3.3	32
65	Layer-by-layer grown scalable redox-active ruthenium-based molecular multilayer thin films for electrochemical applications and beyond. <i>Nanoscale</i> , 2015, 7, 17685-17692.	5.6	32
66	How many structures are there for {[AgL](NO <sub>3</sub> )(H <sub>2</sub> O) <sub>n</sub> }? Water-content dependent variations in the structure of {[AgL](NO <sub>3</sub> )(H <sub>2</sub> O) <sub>n</sub> }, n= 0, 1, 2; L = ethanediy bis(isonicotinate). <i>CrystEngComm</i> , 2004, 6, 336.	2.6	30
67	Kinetics of Ion Transport through Supramolecular Channels in Single Crystals. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4682-4685.	13.8	30
68	Synthesis and crystal structure of [Ba(OBut) <sub>4</sub> {Li(thf)} <sub>4</sub> (OH)]: a mixed ligand heterometallic cluster with an unusual low coordination number for barium. <i>Chemical Communications</i> , 2000, , 2187-2188.	4.1	29
69	Amide Neighbouring-Group Effects in Peptides: Phenylalanine as Relay Amino Acid in Long-Distance Electron Transfer. <i>ChemBioChem</i> , 2018, 19, 922-926.	2.6	29
70	A Review: Carbon Additives in LiMnPO <sub>4</sub> - and LiCoO <sub>2</sub> -Based Cathode Composites for Lithium Ion Batteries. <i>Batteries</i> , 2018, 4, 50.	4.5	29
71	Organometallic tantalum complexes with phosphine, phosphanido and phosphinidene ligands. Syntheses and crystal structures of [Sp <sup>2</sup> TaCl <sub>4</sub> [PH <sub>2</sub> (2, 4, 6-Pri <sub>3</sub> C <sub>6</sub> H <sub>2</sub> )]], [Cp <sup>2</sup> Ta( $\frac{1}{4}$ -PPh <sub>2</sub> )(PPh <sub>2</sub> ) <sub>2</sub> ]-C <sub>7</sub> H <sub>8</sub> and [Cp <sup>2</sup> TaCl( $\frac{1}{4}$ -P(2, 4, 6-Pri <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ))] <sub>2</sub> -C <sub>7</sub> H <sub>8</sub> (Cp <sup>2</sup> = C <sub>5</sub> H <sub>4</sub> Me). <i>Polyhedron</i> , 1997, 16, 721-731.	4.2	28
72	Synthesis and crystal structure of Li[{Ca <sub>7</sub> ( $\frac{1}{4}$ -OH) <sub>8</sub> I <sub>6</sub> (thf) <sub>12</sub> ] <sub>2</sub> ( $\frac{1}{4}$ -I)] $\cdot$ 3THF, a unique H-bound dimer of a Ca <sub>7</sub> -cluster on the way to sol-gels. <i>Chemical Communications</i> , 1999, , 1659-1660.	4.1	28

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73	Chiral S-1,1'-bi-2-naphthol (S-BINOL) as a synthon for supramolecular hydrogen-bonded {(S-BINOLATn <sup>+</sup> )(S-BINOL) <sub>n</sub> }-strands with naphthyl-paneled cavities or channels for a Cd(NH <sub>3</sub> ) <sub>4</sub> -fragment (n= 2) or [Ag(NH <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> (n= 1). Part 2. <i>CrystEngComm</i> , 2005, 7, 309.	2.6	28
74	In vitro Biocompatibility of New Silver(I) Coordination Compound Coated-Surfaces for Dental Implant Applications. <i>Materials</i> , 2011, 4, 355-367.	2.9	28
75	Handling (Nano)Silver as Antimicrobial Agent: Therapeutic Window, Dissolution Dynamics, Detection Methods and Molecular Interactions. <i>Chemistry - A European Journal</i> , 2020, 26, 10948-10971.	3.3	28
76	Antimicrobial Coatings for Implant Surfaces. <i>Chimia</i> , 2008, 62, 249.	0.6	27
77	Film-Forming Polymers Containing in the Main-Chain Dibenzo Crown Ethers with Aliphatic (C10~C16), Aliphatic~Aromatic, or Oxyindole Spacers. <i>Macromolecules</i> , 2006, 39, 4696-4703.	4.8	26
78	Substitution Reactions on CaI <sub>2</sub> : Synthesis of Mixed Metal Lithium-Calcium-Phenolates, and Cluster Transformation as a Function of Solvent. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 2295-2298.	1.2	26
79	Enhanced electrochemical performance of <math>\approx 30</math> nm thin LiMnPO <sub>4</sub> nanorods with a reduced amount of carbon as a cathode for lithium ion batteries. <i>Electrochimica Acta</i> , 2012, 69, 38-44.	5.2	26
80	New Antimicrobial and Biocompatible Implant Coating with Synergic Silver~Vancomycin Conjugate Action. <i>ChemMedChem</i> , 2014, 9, 1221-1230.	3.2	26
81	Integrating silver compounds and nanoparticles into ceria nanocontainers for antimicrobial applications. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1760-1768.	5.8	26
82	<math>WRINKLED</math>1 and <math>ACYL\text{-}COA:DIACYLGLYCEROL</math> ACYLTRANSFERASE<math>1</math> regulate tocochromanol metabolism in Arabidopsis. <i>New Phytologist</i> , 2018, 217, 245-260.	7.3	26
83	Polar Molecular Precursors for Alkali and Alkaline Earth Metal Clusters and Low-Dimensional Polymer Structures: the Solid-State Structures of [Ca(dme) <sub>3</sub> ] <sup>+</sup> and cis-[Sr <sub>2</sub> (diglyme) <sub>2</sub> ] (dme =) Tj ETQq1 1 0.7843]4 rgBT /Qverlock 10 2.0 25 3440-3444.		
84	Crown Ethers as Stabilizing Ligands for Asymmetric Coordination: Synthesis, Crystal Structure, and Physical Properties of [Na~S~(DB18C6)](thf), [Na~S~(DB18C6)](1,3-dioxolane), and [Na~S~(DB24C8)] <sub>24</sub> (DB18C6~Dibenzo-18-crown-6, DB24C8~Dibenzo-24-crown-8). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 171-178.	1.2	24
85	Impact of composite structure and morphology on electronic and ionic conductivity of carbon contained LiCoO <sub>2</sub> cathode. <i>Electrochimica Acta</i> , 2014, 134, 215-221.	5.2	24
86	Model peptide studies of Ag<sup>+</sup>-binding sites from the silver resistance protein SilE. <i>Chemical Communications</i> , 2017, 53, 6105-6108.	4.1	24
87	Tautomerism in azo dyes: Border cases of azo and hydrazo tautomers as possible NMR reference compounds. <i>Dyes and Pigments</i> , 2019, 165, 157-163.	3.7	24
88	Isolation of Cellulose Nanofibers from <math>Oryza sativa</math> Residues via TEMPO Mediated Oxidation. <i>Journal of Natural Fibers</i> , 2022, 19, 1310-1322.	3.1	24
89	Di-Benzo-18-Crown-6 and its Derivatives as Ligands in the Search for Ion Channels. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 828-836.	1.2	23
90	Tandem Ring~Opening~Ring~Closing Metathesis for Functional Metathesis Catalysts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12343-12346.	13.8	23

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91	Heptacoordinate Co <sup>II</sup> Complex: A New Architecture for Photochemical Hydrogen Production. <i>Chemistry - A European Journal</i> , 2017, 23, 6768-6771.	3.3	23
92	Antimicrobial silver-filled silica nanorattles with low immunotoxicity in dendritic cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 11-22.	3.3	23
93	Similar Coordination - Different Dimensionality: Synthesis, Single Crystal Structures, and Theoretical Studies of Hydrogen-bonded {[Ca(H <sub>2</sub> O) <sub>2</sub> L <sub>4</sub> ] <sub>2</sub> } <sub>n</sub> (1: L = SCH <sub>3</sub> COOC <sub>2</sub> H <sub>5</sub> , n = 1; 2: L = SOC <sub>4</sub> H <sub>8</sub> , n = 2). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2000, 626, 1685-1691.		
94	Development of a polystyrene sulfonate/silver nanocomposite with self-healing properties for biomaterial applications. <i>Comptes Rendus Chimie</i> , 2013, 16, 550-556.	0.5	22
95	Formation of Silver Nanoparticles by Electron Transfer in Peptides and Cytochromes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5926-5930.	13.8	22
96	7-OH quinoline Schiff bases: are they the long awaited tautomeric bistable switches?. <i>Dyes and Pigments</i> , 2021, 195, 109739.	3.7	22
97	Water trapped in dibenzo-18-crown-6: Theoretical and spectroscopic (IR, Raman) studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 532-548.	3.9	21
98	From simple rings to one-dimensional channels with calix[8]arenes, water clusters, and alkali metal ions. <i>Tetrahedron</i> , 2007, 63, 10751-10757.	1.9	21
99	Transport properties of solid state crown ether channel systems. <i>Solid State Sciences</i> , 2007, 9, 580-587.	3.2	21
100	Synthesis, characterization, antibacterial activity and cytotoxicity of hollow TiO <sub>2</sub> -coated CeO <sub>2</sub> nanocontainers encapsulating silver nanoparticles for controlled silver release. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1166-1174.	5.8	21
101	Ionic or covalent? Can some first hints be derived from the solid state structures of alkaline earth metal halide adducts?. <i>CrystEngComm</i> , 2002, 4, 318-322.	2.6	20
102	Towards Cardiolite-Inspired Carbon Monoxide Releasing Molecules - Reactivity of d <sup>4</sup> , d <sup>5</sup> Rhenium and d <sup>6</sup> Manganese Carbonyl Complexes with Isocyanide Ligands. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5628-5638.	2.0	20
103	Getriggerte Freisetzung und Oxidation von Metallionen: Ferrocen als neuer Mechanophor in Polymeren. <i>Angewandte Chemie</i> , 2018, 130, 11616-11621.	2.0	20
104	Reaktion von cyclopentadienyl-substituierten Molybdän(V)-tetrachloriden mit LiPH <sub>2</sub> (2,4,6-Bu <sub>3</sub> tC <sub>6</sub> H <sub>2</sub> ) und KPPH <sub>2</sub> (Dioxan) <sub>2</sub> . Molekülstrukturen von [Cp <sub>0</sub> Mo(?-Cl) <sub>2</sub> ] <sub>2</sub> und [Cp <sub>2</sub> Mo <sub>2</sub> (?-Cl) <sub>3</sub> (?-PPh <sub>2</sub> )] (Cp <sub>0</sub> = C <sub>5</sub> Me <sub>4</sub> Et). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993, 619, 261-270.	1.2	19
105	On the chemical synthesis of titanium nanoparticles from ionic liquids. <i>Monatshefte Für Chemie</i> , 2010, 141, 1273-1278.	1.8	19
106	Polyether Adducts of Block Metal Compounds as Starting Materials for New Cluster Compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1484-1496.	1.2	19
107	4-Hydroxy-1-naphthaldehydes: proton transfer or deprotonation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10238-10249.	2.8	19
108	Versatile synthesis of chiral 6-oxoverdazyl radical ligands – new building blocks for multifunctional molecule-based magnets. <i>Dalton Transactions</i> , 2018, 47, 4785-4789.	3.3	19



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109	&lt;p&gt;Silver-Containing Titanium Dioxide Nanocapsules for Combating Multidrug-Resistant Bacteria&lt;p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 1267-1281.	6.7	19
110	Strukturelle Evolution vom Festkörper zum Molekül: Synthese und Kristallstrukturanalyse von $[\text{Ba}(\text{OTf})_2(\text{THF})_2]_n$ , $[\text{Ba}(\text{OTf})_2(\text{THF})_2]_n$ , $[\text{Ba}(\text{OTf})_2(\text{THF})_2]_n$ und $[\text{Ba}(\text{OTf})_2(\text{THF})_2]_n$ . Angewandte Chemie, 1997, 109, 2876-2878.	2.0	18
111	From Alkaline Earth Ion Aggregates via Transition Metal Coordination Polymer Networks towards Heterometallic Single Source Precursors for Oxidic Materials. Chimia, 2010, 64, 299.	0.6	18
112	Synthesis, X-ray structure and DFT calculation of oxido-vanadium(V) complex with a tridentate Schiff base ligand. Research on Chemical Intermediates, 2015, 41, 1881-1891.	2.7	18
113	Synthesis and Crystal Structure of the One-Dimensional Polymer Compound $[\text{Ba}(\text{OTf})_2(\text{thf})_2]_n$ - Excerpts from a Three-Dimensional Structure as an Access to New Materials?. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 1626-1630.	1.2	17
114	Preparation of Imidazolidinones and Their Evaluation as Hydrolytically Cleavable Precursors for the Slow Release of Bioactive Volatile Carbonyl Derivatives. European Journal of Organic Chemistry, 2012, 2012, 2837-2854.	2.4	17
115	<i>cis</i> - and <i>trans</i> -9,10-di(1 <i>H</i> -imidazol-1-yl)-anthracene based coordination polymers of $\text{Zn}^{\text{II}}$ and $\text{Cd}^{\text{II}}$ : synthesis, crystal structures and luminescence properties. Dalton Transactions, 2018, 47, 596-607.	3.3	17
116	Silver(I) complexes with 4,7-phenanthroline efficient in rescuing the zebrafish embryos of lethal <i>Candida albicans</i> infection. Journal of Inorganic Biochemistry, 2019, 195, 149-163.	3.5	17
117	Single crystal to single crystal polymorphic phase transition of a silver nitrate 24-crown-8 complex and its pseudo-polymorphism. CrystEngComm, 2012, 14, 6487.	2.6	16
118	Silver coordination polymers with isonicotinic acid derived short polyethylene glycol " Synthesis, structures, anion effect and solution behavior. Inorganica Chimica Acta, 2013, 403, 2-8.	2.4	15
119	Kinetics and Mechanism of Mineral Respiration: How Iron Hemes Synchronize Electron Transfer Rates. Angewandte Chemie - International Edition, 2020, 59, 12331-12336.	13.8	15
120	Indirect solvent assisted tautomerism in 4-substituted phthalimide 2-hydroxy-Schiff bases. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 237, 118416.	3.9	15
121	Synthese und Molekülstruktur von meso-(1,2,3-Tricyclohexyltriphosphan-1,3-diyl)zirkonocen(IV), $\text{Cp}_2(\text{Cp})\text{TjEtOq}_1$ . 1.2 1.0784314 rg	1.2	14
122	Synthesis and molecular structures of molybdenum complexes with phosphido, diphosphanyl and diphosphene ligands. Polyhedron, 1995, 14, 2825-2834.	2.2	14
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