

# 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	Isolation of Cellulose Nanofibers from <i>Oryza sativa</i> Residues via TEMPO Mediated Oxidation. <i>Journal of Natural Fibers</i> , 2022, 19, 1310-1322.	3.1	24
2	Chemistry Europe Fellows Katharina M. Fromm and Karl Gademann. <i>Chimia</i> , 2022, 74, 1026.	0.6	0
3	Complexation Behavior of Pinene-Bipyridine Ligands towards Lanthanides: The Influence of the Carboxylic Arm. <i>Chemistry</i> , 2022, 4, 18-30.	2.2	1
4	Multifunctional Anthracene-Based Ni-MOF with Encapsulated Fullerenes: Polarized Fluorescence Emission and Selective Separation of C <sub>70</sub> from C <sub>60</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 1397-1403.	8.0	1
5	On the Ni <sub>0.75</sub> Ti <sub>1.5</sub> Fe <sub>0.5</sub> (PO <sub>4</sub> ) <sub>3</sub> /C NASICON-type electrode material. <i>Journal of Electroanalytical Chemistry</i> , 2021, 880, 114913.	3.8	2
6	NMR reveals the interplay between SiE and SiB model peptides in the context of silver resistance. <i>Chemical Communications</i> , 2021, 57, 8726-8729.	4.1	1
7	Efficient synthesis of isoindolones by intramolecular cyclisation of pyridinylbenzoic acids. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8025-8029.	2.8	1
8	General Chemistry: Large Classes, Mixed Public, Three Languages (A Personal Experience). <i>Chimia</i> , 2021, 75, 39-44.	0.6	0
9	Memorial Issue Dedicated to Dr. Howard D. Flack: The Man behind the Flack Parameter. <i>Chemistry</i> , 2021, 3, 818-820.	2.2	0
10	7-OH quinoline Schiff bases: are they the long awaited tautomeric bistable switches?. <i>Dyes and Pigments</i> , 2021, 195, 109739.	3.7	22
11	Kinetik und Mechanismus der mineralischen Atmung: Eisen synchronisieren die Geschwindigkeit des Elektronentransfers. <i>Angewandte Chemie</i> , 2020, 132, 12430-12435.	2.0	1
12	Kinetics and Mechanism of Mineral Respiration: How Iron Hemes Synchronize Electron Transfer Rates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12331-12336.	13.8	15
13	New Antimicrobial Strategies Based on Metal Complexes. <i>Chemistry</i> , 2020, 2, 849-899.	2.2	122
14	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
15	A Simple Reaction for DNA Sensing and Chemical Delivery. <i>ACS Sensors</i> , 2020, 5, 2338-2343.	7.8	0
16	Frontispiece: Handling (Nano)Silver as Antimicrobial Agent: Therapeutic Window, Dissolution Dynamics, Detection Methods and Molecular Interactions. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	0
17	OH Group Effect in the Stator of $\beta^2$ -Diketones Arylhydrazone Rotary Switches. <i>Chemistry</i> , 2020, 2, 374-389.	2.2	4
18	Appropriate Buffers for Studying the Bioinorganic Chemistry of Silver(I). <i>Chemistry</i> , 2020, 2, 193-202.	2.2	7

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19	Metal Nanoparticle–Microbe Interactions: Synthesis and Antimicrobial Effects. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 1900419.	2.3	39
20	&lt;p&gt;Silver-Containing Titanium Dioxide Nanocapsules for Combating Multidrug-Resistant Bacteria&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1267-1281.	6.7	19
21	Li <sub>0.5</sub> Ni <sub>0.5</sub> Ti <sub>1.5</sub> Fe <sub>0.5</sub> (PO <sub>4</sub> ) <sub>3</sub> /C Electrode Material for Lithium Ion Batteries Exhibiting Faster Kinetics and Enhanced Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18496-18503.	8.0	7
22	Bimetallic Salen-Based Compounds and Their Potential Applications. <i>Crystal Growth and Design</i> , 2020, 20, 4945-4958.	3.0	11
23	Tautomerism and Self-Association in the Solution of New Pinene-Bipyridine and Pinene-Phenanthroline Derivatives. <i>Molecules</i> , 2020, 25, 298.	3.8	0
24	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
25	A Nano-Rattle SnO <sub>2</sub> @carbon Composite Anode Material for High-Energy Li-ion Batteries by Melt Diffusion Impregnation. <i>Nanomaterials</i> , 2020, 10, 804.	4.1	8
26	Indirect solvent assisted tautomerism in 4-substituted phthalimide 2-hydroxy-Schiff bases. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 237, 118416.	3.9	15
27	Improvement of the electrochemical performance by partial chemical substitution into the lithium site of titanium phosphate-based electrode materials for lithium-ion batteries: LiNi <sub>0.25</sub> Ti <sub>1.5</sub> Fe <sub>0.5</sub> (PO <sub>4</sub> ) <sub>3</sub> . <i>Journal of Power Sources</i> , 2020, 461, 228114.	7.8	5
28	Different coordination abilities of 1,7- and 4,7-phenanthroline in the reactions with copper(II) salts: Structural characterization and biological evaluation of the reaction products. <i>Polyhedron</i> , 2019, 173, 114112.	2.2	6
29	Tautomerism as primary signaling mechanism in metal sensing: the case of amide group. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1898-1906.	2.2	5
30	New Ni <sub>0.5</sub> Ti <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> @C NASICON-type Electrode Material with High Rate Capability Performance for Lithium-ion Batteries: Synthesis and Electrochemical Properties. <i>ChemSusChem</i> , 2019, 12, 4846-4853.	6.8	5
31	Sequential Multiple-Target Sensor: In <sup>3+</sup> , Fe <sup>2+</sup> , and Fe <sup>3+</sup> Discrimination by an Anthracene-Based Probe. <i>Inorganic Chemistry</i> , 2019, 58, 13796-13806.	4.0	38
32	Compartmentalization of Alkaline-Earth Metals in Salen-Type Cu- and Ni-Complexes in Solution and in the Solid State. <i>ACS Omega</i> , 2019, 4, 10231-10242.	3.5	5
33	Efficient perovskite nanocrystal light-emitting diodes using a benzimidazole-substituted anthracene derivative as the electron transport material. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8938-8945.	5.5	12
34	Silver(I) complexes with 4,7-phenanthroline efficient in rescuing the zebrafish embryos of lethal <i>Candida albicans</i> infection. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 149-163.	3.5	17
35	Isomerization and aggregation of 2-(2-(2-hydroxy-4-nitrophenyl)hydrazono)-1-phenylbutane-1,3-dione: Recent evidences from theory and experiment. <i>Journal of Molecular Liquids</i> , 2019, 283, 242-248.	4.9	3
36	Synthesis and Applications of Nanocontainers and Nanorattles. <i>Chimia</i> , 2019, 73, 12-16.	0.6	1

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37	Functional Polymers Through Mechanochemistry. <i>Chimia</i> , 2019, 73, 7.	0.6	13
38	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
39	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
40	Surface Modifications of Positive-Electrode Materials for Lithium Ion Batteries. <i>Chimia</i> , 2019, 73, 880.	0.6	8
41	Synthesis and structural analysis of polynuclear silver(I) complexes with 4,7-phenanthroline. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 689-699.	0.8	3
42	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
43	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
44	Threading Salen-type Cu- and Ni-Complexes into One-Dimensional Coordination Polymers: Solution versus Solid State and the Size Effect of the Alkali Metal Ion. <i>Crystal Growth and Design</i> , 2018, 18, 1215-1226.	3.0	36
45	A concept for stimulated proton transfer in 1-(phenyldiazenyl)naphthalen-2-ols. <i>Dyes and Pigments</i> , 2018, 156, 91-99.	3.7	13
46	WRINKLED1 and ACYL- $\text{COA}:\text{DIACYLGLYCEROL ACYLTRANSFERASE}1$ regulate tocochromanol metabolism in Arabidopsis. <i>New Phytologist</i> , 2018, 217, 245-260.	7.3	26
47	The synergistic cooperation of $\text{NH}\cdots\text{O}$ and $\text{CH}\cdots\text{O}$ hydrogen bonds in the structures of three new phosphoric triamides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 257-266.	1.6	2
48	Puckering behavior in six new phosphoric triamides containing aliphatic six- and seven-membered ring groups and a database survey of analogous ring-containing structures. <i>Tetrahedron</i> , 2018, 74, 28-41.	1.9	11
49	cis- and trans-9,10-di(1H-imidazol-1-yl)-anthracene based coordination polymers of $\text{Zn}^{\text{II}}$ and $\text{Cd}^{\text{II}}$ : synthesis, crystal structures and luminescence properties. <i>Dalton Transactions</i> , 2018, 47, 596-607.	3.3	17
50	Metalocene as Mechanophore in Polymers Leads to Metal Ion Release & Oxidation. <i>Chimia</i> , 2018, 72, 902.	0.6	2
51	Betti Bases from 3-(3-Pyridazo)-1-naphthol: Synthesis, Coordination Behaviour and Unusual Substitution Reactions. <i>ChemistrySelect</i> , 2018, 3, 12017-12021.	1.5	3
52	Polyaspartamide Functionalized Catechol-Based Hydrogels Embedded with Silver Nanoparticles for Antimicrobial Properties. <i>Polymers</i> , 2018, 10, 1188.	4.5	10
53	Solid-state structure and antimicrobial and cytotoxicity studies of a cucurbit[6]uril-like $\text{Cu}_6\text{L}_4$ constructed from 3,5-bis[(1H-tetrazol-5-yl)methyl]-4H-1,2,4-triazol-4-amine. <i>Acta Crystallographica Section C, Structural Chemistry</i> . 2018. 74. 1413-1419.	0.5	0
54	A Review: Carbon Additives in $\text{LiMnPO}_4$ - and $\text{LiCoO}_2$ -Based Cathode Composites for Lithium Ion Batteries. <i>Batteries</i> , 2018, 4, 50.	4.5	29

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55	Trithiocarbonate-Functionalized PNiPAAm-Based Nanocomposites for Antimicrobial Properties. <i>Polymers</i> , 2018, 10, 665.	4.5	2
56	Mononuclear silver(I) complexes with 1,7-phenanthroline as potent inhibitors of <i>Candida</i> growth. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 760-773.	5.5	36
57	Early-Stage Sustainability Evaluation of Nanoscale Cathode Materials for Lithium Ion Batteries. <i>ChemSusChem</i> , 2018, 11, 2068-2076.	6.8	10
58	Ag Nanoencapsulation for Antimicrobial Applications. <i>Chimia</i> , 2018, 72, 249.	0.6	2
59	Alpha-helical folding of SilE models upon Ag(His)(Met) motif formation. <i>Chemical Communications</i> , 2018, 54, 10419-10422.	4.1	10
60	Triggered Metal Ion Release and Oxidation: Ferrocene as a Mechanophore in Polymers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11445-11450.	13.8	100
61	Getriggerte Freisetzung und Oxidation von Metallionen: Ferrocen als neuer Mechanophor in Polymeren. <i>Angewandte Chemie</i> , 2018, 130, 11616-11621.	2.0	20
62	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
63	Formation of Silver Nanoparticles by Electron Transfer in Peptides and c-Cytochromes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5926-5930.	13.8	22
64	Different molecular assemblies in two new phosphoric triamides with the same C(O)NHP(O)(NH) <sub>2</sub> skeleton: crystallographic study and Hirshfeld surface analysis. <i>Chemical Papers</i> , 2017, 71, 1809-1823.	2.2	3
65	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
66	Bildung von Nanopartikeln durch Elektronentransfer in Peptiden und c-Cytochromen. <i>Angewandte Chemie</i> , 2017, 129, 6020-6024.	2.0	2
67	Influence of the Sacrificial Polystyrene Removal Pathway on the TiO <sub>2</sub> Nanocapsule Structure. <i>Helvetica Chimica Acta</i> , 2017, 100, e1700014.	1.6	1
68	Quantitative Nano-characterization of Polymers Using Atomic Force Microscopy. <i>Chimia</i> , 2017, 71, 195.	0.6	2
69	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
70	Influence of anions and solvent molecules on the packing and emission spectra of coordination polymers based on silver ions and an anthracene derivative. <i>CrystEngComm</i> , 2017, 19, 5106-5113.	2.6	10
71	European Crystallographic Meeting in Basel, Switzerland. <i>Neutron News</i> , 2017, 28, 4-5.	0.2	0
72	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

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73	Characteristics and properties of nano-LiCoO <sub>2</sub> synthesized by pre-organized single source precursors: Li-ion diffusivity, electrochemistry and biological assessment. <i>Journal of Nanobiotechnology</i> , 2017, 15, 58.	9.1	11
74	Bernd's Birthday Symposium – A Firework of Chemistry. <i>Chimia</i> , 2017, 71, 524.	0.6	0
75	Embedding CeO <sub>2</sub> nanocontainers in a TiO <sub>2</sub> coating on glass surfaces. <i>AIMS Bioengineering</i> , 2017, 4, 171-178.	1.1	0
76	Embedding CeO <sub>2</sub> nanocontainers in a TiO <sub>2</sub> coating on glass surfaces. <i>AIMS Bioengineering</i> , 2017, 4, 171-178.	1.1	0
77	Going Nano for Batteries and Drug Delivery. <i>Chimia</i> , 2016, 70, 661.	0.6	0
78	ECM-30 - European Crystallographic Meeting 2016. <i>Chimia</i> , 2016, 70, 905-906.	0.6	0
79	Synthesis of New Polyether Ether Ketone Derivatives with Silver Binding Site and Coordination Compounds of Their Monomers with Different Silver Salts. <i>Polymers</i> , 2016, 8, 208.	4.5	4
80	A Thermo- and Mechanoresponsive Cyano-substituted Oligo( <i>p</i> -phenylene vinylene) Derivative with Five Emissive States. <i>Chemistry - A European Journal</i> , 2016, 22, 4374-4378.	3.3	66
81	The first phosphoramidate-mercury(II) complex with a Cl <sub>2</sub> Hg-OP[N(C)(C)] <sub>3</sub> segment. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 230-233.	0.5	8
82	Tandem Ring-Opening-Ring-Closing Metathesis for Functional Metathesis Catalysts. <i>Angewandte Chemie</i> , 2016, 128, 12531-12534.	2.0	2
83	Tandem Ring-Opening-Ring-Closing Metathesis for Functional Metathesis Catalysts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12343-12346.	13.8	23
84	Crystal structures of a copper(II) and the isotopic nickel(II) and palladium(II) complexes of the ligand (E)-1-[(2,4,6-tribromophenyl)diazenyl]naphthalen-2-ol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 1093-1098.	0.5	4
85	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
86	Mixed Metal Multinuclear Cr(III) Cage Compounds and Coordination Polymers Based on Unsubstituted Phenolate: Design, Synthesis, Mechanism, and Properties. <i>Crystal Growth and Design</i> , 2016, 16, 189-199.	3.0	10
87	Preventing Implant-Associated Infections by Silver Coating. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2467-2475.	3.2	88
88	Frontispiz: Elektronentransfer in Peptiden: Bildung von Silbernanopartikeln. <i>Angewandte Chemie</i> , 2015, 127, n/a-n/a.	2.0	0
89	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
90	Elektronentransfer in Peptiden: Bildung von Silbernanopartikeln. <i>Angewandte Chemie</i> , 2015, 127, 2954-2958.	2.0	9

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91	Toxicity and Protective Effects of Cerium Oxide Nanoparticles (Nanoceria) Depending on Their Preparation Method, Particle Size, Cell Type, and Exposure Route. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4510-4517.	2.0	87
92	Nanomaterials Meet Li-ion Batteries. <i>Chimia</i> , 2015, 69, 734.	0.6	4
93	Electron Transfer in Peptides: On the Formation of Silver Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2912-2916.	13.8	36
94	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
95	Frontispiece: Electron Transfer in Peptides: On the Formation of Silver Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, n/a-n/a.	13.8	0
96	4-Hydroxy-1-naphthaldehydes: proton transfer or deprotonation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10238-10249.	2.8	19
97	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. <i>Inorganic Chemistry</i> , 2015, 54, 8197-8206.	4.0	85
98	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
99	Controlled Tautomeric Switching in Azonaphthols Tuned by Substituents on the Phenyl Ring. <i>ChemPhysChem</i> , 2015, 16, 649-657.	2.1	13
100	Nanorattles or Yolk-Shell Nanoparticles—What Are They, How Are They Made, and What Are They Good For?. <i>Chemistry - A European Journal</i> , 2015, 21, 3854-3874.	3.3	119
101	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
102	Synthesis, X-ray structure and DFT calculation of oxido-vanadium(V) complex with a tridentate Schiff base ligand. <i>Research on Chemical Intermediates</i> , 2015, 41, 1881-1891.	2.7	18
103	One-Pot Synthesis and Catalytic Properties of Encapsulated Silver Nanoparticles in Silica Nanocontainers. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 645-651.	2.3	13
104	New Antimicrobial and Biocompatible Implant Coating with Synergic Silver-Vancomycin Conjugate Action. <i>ChemMedChem</i> , 2014, 9, 1221-1230.	3.2	26
105	A new mixed-ligand copper(II) complex of (E)-N-(2-hydroxybenzylidene) acetohydrazide: Synthesis, characterization, NLO behavior, DFT calculation and biological activities. <i>Journal of Molecular Structure</i> , 2014, 1072, 267-276.	3.6	47
106	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
107	Polymorphism, what it is and how to identify it: a systematic review. <i>RSC Advances</i> , 2013, 3, 16905.	3.6	166
108	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

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109	Silver coordination compounds with antimicrobial properties. <i>Applied Organometallic Chemistry</i> , 2013, 27, 683-687.	3.5	51
110	Controlled tautomerism " switching caused by an "underground" anionic effect. <i>RSC Advances</i> , 2013, 3, 25410.	3.6	8
111	Ring a bell: Disubstituted calix[4]arene as ligand for transition metal chlorides. <i>Polyhedron</i> , 2013, 52, 610-616.	2.2	4
112	pH-Dependent Coordination of Ag <sup>I</sup> Ions by Histidine: Experiment, Theory, and a Model for SILE. <i>Chemistry - A European Journal</i> , 2013, 19, 1754-1761.	3.3	35
113	Silver coordination polymers with isonicotinic acid derived short polyethylene glycol " Synthesis, structures, anion effect and solution behavior. <i>Inorganica Chimica Acta</i> , 2013, 403, 2-8.	2.4	15
114	Nanobio Silver: Its Interactions with Peptides and Bacteria, and Its Uses in Medicine. <i>Chemical Reviews</i> , 2013, 113, 4708-4754.	47.7	692
115	Barium bright and heavy. <i>Nature Chemistry</i> , 2013, 5, 146-146.	13.6	7
116	Rings, chains and helices: new antimicrobial silver coordination compounds with (iso-)nicotinic acid derivatives. <i>Dalton Transactions</i> , 2013, 42, 217-231.	3.3	39
117	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
118	A Family of Immobilizable Chiral Bis(pinenebipyridine) Ligands. <i>Synlett</i> , 2013, 24, 2555-2558.	1.8	0
119	Bioinorganic Chemistry of Silver: Its Interactions with Amino Acids and Peptides. <i>Chimia</i> , 2013, 67, 851.	0.6	13
120	Kinetics of Ion Transport through Supramolecular Channels in Single Crystals. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4682-4685.	13.8	30
121	Ethyl 5-methoxy-2-trifluoromethyl-1 <i>H</i> -indole-3-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o339-o339.	0.2	1
122	7-[(Morpholin-4-yl)(phenyl)methyl]quinolin-8-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o45-o45.	0.2	0
123	Antibacterial properties of nanoparticles. <i>Trends in Biotechnology</i> , 2012, 30, 499-511.	9.3	2,113
124	A Comparative Study of (Poly)ether Adducts of Alkaline Earth Iodides " An Overview Including New Compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1810-1819.	1.2	13
125	Single crystal to single crystal polymorphic phase transition of a silver nitrate 24-crown-8 complex and its pseudo-polymorphism. <i>CrystEngComm</i> , 2012, 14, 6487.	2.6	16
126	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



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127	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
128	Tautomerism in 1-phenylazo-4-naphthols: Experimental results vs quantum-chemical predictions. <i>Dyes and Pigments</i> , 2012, 92, 714-723.	3.7	33
129	Synthesis and Characterization of New Pentacoordinate Iron-Based Aryloxide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2725-2730.	2.0	3
130	Preparation of Imidazolidinone and Their Evaluation as Hydrolytically Cleavable Precursors for the Slow Release of Bioactive Volatile Carbonyl Derivatives. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2837-2854.	2.4	17
131	Effect of increasing ligand length on the structure of silver complexes. <i>CrystEngComm</i> , 2012, 14, 4008.	2.6	13
132	Efficient Amine End-Functionalization of Living Ring-Opening Metathesis Polymers. <i>Macromolecules</i> , 2012, 45, 4447-4453.	4.8	53
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