

Olaf Walter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3678405/publications.pdf>

Version: 2024-02-01

138
papers

4,292
citations

109321

35
h-index

133252

59
g-index

153
all docs

153
docs citations

153
times ranked

4077
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalysis of allylic substitutions by Pd complexes of oxazolines containing an additional P, S, or Se Center. X-ray crystal structures and solution structures of chiral η^3 -allyl palladium complexes of phosphinoaryloxazolines. <i>Tetrahedron Letters</i> , 1994, 35, 1523-1526.	1.4	339
2	1,3-Dimethylimidazolium-2-carboxylate: the unexpected synthesis of an ionic liquid precursor and carbene-CO ₂ adduct. Electronic supplementary information (ESI) available: experimental data for 1,3-dimethylimidazolium-2-carboxylate. Supplemental crystal structure data. ORTEP, hydrogen bonding and packing diagrams. See http://www.rsc.org/suppdata/cc/b2/b211519k/ . <i>Chemical Communications</i> , 2003, , 28-29.	4.1	241
3	Magnetic Memory Effect in a Transuranic Mononuclear Complex. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1696-1698.	13.8	153
4	A Novel DOPO-Based Diamine as Hardener and Flame Retardant for Epoxy Resin Systems. <i>Macromolecular Materials and Engineering</i> , 2008, 293, 503-514.	3.6	143
5	Synthesis and properties of flame-retardant epoxy resins based on DOPO and one of its analog DPPO. <i>Journal of Applied Polymer Science</i> , 2007, 105, 685-696.	2.6	141
6	Experimental and Theoretical Investigations on the Catalytic Hydrosilylation of Carbon Dioxide with Ruthenium Nitrile Complexes. <i>Chemistry - A European Journal</i> , 2007, 13, 2864-2879.	3.3	119
7	The Structures and Optical Spectra of Hydrated Transplutonium Ions in the Solid State and in Solution. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 919-922.	13.8	90
8	Size Dependence of Lattice Parameter and Electronic Structure in CeO ₂ Nanoparticles. <i>Inorganic Chemistry</i> , 2020, 59, 5760-5767.	4.0	90
9	Organometallic neptunium(III) complexes. <i>Nature Chemistry</i> , 2016, 8, 797-802.	13.6	88
10	[An(H ₂ O) ₉](CF ₃ SO ₃) ₃ (An=U, Cm, Cf): Exploring Their Stability, Structural Chemistry, and Magnetic Behavior by Experiment and Theory. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6343-6347.	13.8	87
11	Alternating Copolymerization of Carbon Dioxide and Cyclohexene Oxide and Their Terpolymerization with Lactide Catalyzed by Zinc Complexes of N,N Ligands. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1908-1918.	4.3	76
12	Complexes of Schiff Bases and Intermediates in the Copper-Catalyzed Oxidative Heterocyclization by Atmospheric Oxygen. <i>Inorganic Chemistry</i> , 2003, 42, 8878-8885.	4.0	75
13	Chromium imine and amine complexes as homogeneous catalysts for the trimerisation and polymerisation of ethylene. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 713-721.	1.8	75
14	Copper-Bispidine Coordination Chemistry: Syntheses, Structures, Solution Properties, and Oxygenation Reactivity. <i>Inorganic Chemistry</i> , 2002, 41, 5440-5452.	4.0	72
15	Organometallic Neptunium Chemistry. <i>Chemical Reviews</i> , 2017, 117, 11460-11475.	47.7	71
16	Reactivity towards dioxygen of a copper(I) complex of tris(2-benzylaminoethyl)amine. <i>Inorganica Chimica Acta</i> , 2001, 324, 173-179.	2.4	61
17	Controlled Synthesis of Thorium and Uranium Oxide Nanocrystals. <i>Chemistry - A European Journal</i> , 2013, 19, 5297-5305.	3.3	59
18	Non-aqueous Synthesis of Isotropic and Anisotropic Actinide Oxide Nanocrystals. <i>Chemistry - A European Journal</i> , 2012, 18, 8283-8287.	3.3	58

#	ARTICLE	IF	CITATIONS
19	Reduction chemistry of neptunium cyclopentadienide complexes: from structure to understanding. <i>Chemical Science</i> , 2017, 8, 2553-2561.	7.4	52
20	Alternating Copolymerization of Cyclohexene Oxide and CO ₂ Catalyzed by Zinc Complexes with New 3-Amino-2-cyanoimidoacrylate Ligands. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1325-1328.	4.3	51
21	Insertion reaction of carbon dioxide into Sn-OR bond. Synthesis, structure and DFT calculations of di- and tetranuclear isopropylcarbonato tin(IV) complexes. <i>Dalton Transactions</i> , 2006, , 5167-5175.	3.3	50
22	Syntheses and characterization of copper complexes of the ligand (2-aminoethyl)bis(2-pyridylmethyl)amine (uns-penp) and derivatives. <i>Dalton Transactions</i> , 2003, , 1480-1487.	3.3	46
23	Synthesis of new organophosphorus compounds using the Atherton-Todd reaction as a versatile tool. <i>Heteroatom Chemistry</i> , 2012, 23, 216-222.	0.7	46
24	Thorium/uranium mixed oxide nanocrystals: Synthesis, structural characterization and magnetic properties. <i>Nano Research</i> , 2014, 7, 119-131.	10.4	46
25	Reactions of Copper(II) Chloride in Solution: Facile Formation of Tetranuclear Copper Clusters and Other Complexes That Are Relevant in Catalytic Redox Processes. <i>Chemistry - A European Journal</i> , 2013, 19, 5342-5351.	3.3	42
26	Reactivity of a C,N-Chelated Stannoxane. <i>Organometallics</i> , 2009, 28, 2629-2632.	2.3	41
27	Solution Structure of Oxidized Cytochrome c6 from the Green Alga <i>Monoraphidium braunii</i> . <i>Biochemistry</i> , 1998, 37, 4831-4843.	2.5	40
28	Ultra-small Plutonium Oxide Nanocrystals: An Innovative Material in Plutonium Science. <i>Chemistry - A European Journal</i> , 2014, 20, 10431-10438.	3.3	40
29	Subtle Interactions and Electron Transfer between U ^{III} , Np ^{III} , or Pu ^{III} and Uranyl Mediated by the Oxo Group. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12797-12801.	13.8	40
30	A low-temperature synthesis method for AnO ₂ nanocrystals (An = Th, U, Np, and Pu) and associate solid solutions. <i>CrystEngComm</i> , 2018, 20, 4614-4622.	2.6	40
31	Actinide Organometallic Complexes with π -Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 2927-2934.	3.3	40
32	Syntheses and Characterization of Copper(II) Complexes of the New Ligands N-[(2-Pyridyl)methyl]-2,2'-dipyridylamine and N-[Bis(2-pyridyl)methyl]-2-pyridylamine. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 111-121.	2.0	39
33	Syntheses, Structures, and Properties of Copper(II) Complexes of Bis(2-pyridylmethyl) Derivatives of <i>o</i> -, <i>m</i> -, and <i>p</i> -Phenylenediamine and Aniline. <i>Inorganic Chemistry</i> , 2008, 47, 9612-9623.	4.0	39
34	A Novel and Effective Synthetic Approach to 9,10-Dihydro-9-oxa-10-phosphaphenanthrene-10-oxide (DOPO) Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 182, 2131-2148.	1.6	38
35	One ligand fits all: lanthanide and actinide sandwich complexes comprising the 1,4-bis(trimethylsilyl)cyclooctatetraenyl (=COT ²⁻) ligand. <i>New Journal of Chemistry</i> , 2015, 39, 7656-7666.	2.8	37
36	A Novel Metastable Pentavalent Plutonium Solid Phase on the Pathway from Aqueous Plutonium(VI) to PuO ₂ Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17558-17562.	13.8	37

#	ARTICLE	IF	CITATIONS
37	3-Aminoiminoacrylate, 3-Aminoacrylate, and 3-Amidoiminomalonnate Complexes as Catalysts for the Dimerization of Olefins. <i>Organometallics</i> , 2005, 24, 4139-4152.	2.3	36
38	Guanidinium-Based Phosphotungstates and Ionic Liquids as Catalysts and Solvents for the Epoxidation of Olefins with Hydrogen Peroxide. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2756-2762.	2.0	36
39	Hydrothermal decomposition of actinide(IV) oxalates: a new aqueous route towards reactive actinide oxide nanocrystals. <i>Open Chemistry</i> , 2016, 14, 170-174.	1.9	35
40	Syntheses, Structures, and Magnetic Properties of Copper(II) Complexes with 1,3-Bis(2-pyridylmethyl)amino]benzene (1,3-tpbd) as Ligand. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 335-343.	2.0	34
41	Nitrogen- and phosphorus-coordinated nickel(II) complexes as catalysts for the oligomerization of ethylene. <i>Journal of Molecular Catalysis A</i> , 2005, 229, 177-181.	4.8	32
42	A Structurally Characterized Organometallic Plutonium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5066-5070.	13.8	32
43	Synthesis, structural characterisation of new oligomeric alkyl aluminium (2,2'-methylene-p-chloro-bisphenoxides) and application as catalysts in polymerisation reactions involving cyclohexene oxide. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1963-1973.	1.8	31
44	Fe(NCMe)-Komplexe von chiralen Tripodliganden mit drei verschiedenen Donorgruppen: Dynamik und Struktur. <i>Chemische Berichte</i> , 1995, 128, 293-301.	0.2	30
45	Self-Assembly of Tetranuclear Iron(II) Compounds by a Combination of Rod- and Clamp-Shaped Bridging Units. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2625-2640.	2.0	30
46	Nano and micro U1-Th O2 solid solutions: From powders to pellets. <i>Journal of Nuclear Materials</i> , 2018, 498, 307-313.	2.7	30
47	Cp*Ru-allylcarbene complexes by nucleophilic attack of cyclic Cp*Ru-dicarbene. <i>Journal of Organometallic Chemistry</i> , 2001, 627, 249-254.	1.8	28
48	Assessment of intercomponent interaction in phenylene bridged dinuclear ruthenium(ii) and osmium(ii) polypyridyl complexes. <i>Dalton Transactions</i> , 2004, , 3943.	3.3	28
49	Aluminum bisphenoxides: Promising challengers for a catalyzed copolymerization of cyclohexene oxide with CO2. <i>Catalysis Today</i> , 2006, 115, 151-161.	4.4	28
50	Synthese und Komplexchemie funktionalisierter Tripod-Liganden RC(CH ₂) ₂ PPH ₂) ₃ . <i>Chemische Berichte</i> , 1995, 128, 63-70.	0.2	27
51	Salicylaldimine Dizinc Complexes: Activation of Water Molecules and Fixation of CO2 in the Coordination Sphere of Zinc. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1615-1621.	2.0	27
52	A new amidoimidomalonnate zinc complex with a sedecameric solid state structure catalyzing the copolymerization of CO2 and cyclohexene oxide. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3397-3402.	1.8	26
53	Transformation of Nitrile to Cyanide and Aldehyde Using a Cobalt(II) Complex and Dioxygen. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7775-7777.	13.8	23
54	Synthesis and Characterisation of Some New Zinc Carbamate Complexes Formed by CO2Fixation and Their Use as Precursors for ZnO Particles under Mild Conditions. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3177-3185.	2.0	22

#	ARTICLE	IF	CITATIONS
55	Zur Elektronenstruktur hochsymmetrischer Verbindungen der f-Elemente 44 [1]. Erstmalige parametrische Analyse des Absorptionsspektrums einer Molekülverbindung des trivalenten Urans: Tris[hydrotris(1-pyrazolyl)borato]uran(III). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 201-208.	1.2	22
56	Synthesis of new dibenzo[1,2]oxaphosphorine 2-oxides containing diols based on diethanolamine. Heteroatom Chemistry, 2012, 23, 146-153.	0.7	22
57	Synthesis of transuranium-based nanocrystals via the thermal decomposition of actinyl nitrates. RSC Advances, 2013, 3, 18271.	3.6	22
58	Tuning the Magnetic Properties of a Dinuclear Copper Complex: From Ferromagnetic to Antiferromagnetic Coupling. European Journal of Inorganic Chemistry, 2004, 2004, 344-348.	2.0	20
59	Syntheses, Characterization and Reactivity of Iron(II), Nickel(II), Copper(II) and Zinc(II) Complexes of the Ligand N,N,N',N'-Tetrakis(2-pyridylmethyl)benzene-1,3-diamine (1,3-tpbd) and Its Phenol Derivative 2,6-Bis[bis(2-pyridylmethyl)amino]-p-cresol (2,6-tpcd). European Journal of Inorganic Chemistry, 2007, 2007, 429-443.	2.0	20
60	A terminal neptunium(V) mono(oxo) complex. Nature Chemistry, 2022, 14, 342-349.	13.6	19
61	Solid State Structure of Tris-Cyclopentadienide Uranium(III) and Plutonium(III). Chemistry - A European Journal, 2018, 24, 2841-2844.	3.3	18
62	A new type of dicopper structure with side arm coordinating triarylphosphane ligands. Inorganica Chimica Acta, 2001, 324, 266-272.	2.4	17
63	High-pressure effects in the homogeneously catalyzed hydroformylation of olefins. Journal of Molecular Catalysis A, 2004, 219, 41-46.	4.8	17
64	Zur Elektronenstruktur hochsymmetrischer Verbindungen der f-Elemente. 38 [1] Kristall-, Molekül- und Elektronenstruktur von Tris(hydrotris(1-pyrazolyl)borato)-samarium(III). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1487-1496.	1.2	17
65	Zur Elektronenstruktur hochsymmetrischer Verbindungen der f-Elemente. 40. Parametrische Analyse des Kristallfeld-Aufspaltungsmusters von Tris(hydrotris(1-pyrazolyl)borato)neodym(III). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1405-1408.	1.2	17
66	Funktionalisierte tripod-Liganden mit Neopentan-Grundgerüst: Umsetzung von HOCH ₂ C(CH ₂) ₂ PR ₂ ₃ mit Elektrophilen / Functionalized tripod-Ligands with Neopentane Framework: Reaction of HOCH ₂ C(CH ₂) ₂ PR ₂ ₃ with Electrophiles. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1405-1408.	0.7	16
67	[HN(CH ₂) ₂ PPH ₂] ₃ Mo(CO) ₃ BF ₄ / Preparation and Characterisation of N(CH ₂) ₂ PPH ₂] ₃ N(CH ₂) ₂ PPh ₂ Mo(CO) ₃ BF ₄ and [N(CH ₂) ₂ PPH ₂] ₂ (N(CH ₂) ₂ PPh ₂) ₂ Mo(CO) ₃ BF ₄	0.7	16
68	Spektroskopische und strukturelle Charakterisierung von Tris(2,6-di-t-butyl-phenolato)lanthanid(III) (Ln(OAr ²) ₃ ; Ln = Pr, Nd) sowie parametrische Analyse des Kristallfeld-Aufspaltungsmusters von Nd(OAr ²) ₃ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 1522-1534.	1.2	16
69	Zinc coordination polymers with 1-(3-aminopropyl)-imidazole as bridging bidentate unit. Inorganica Chimica Acta, 2006, 359, 327-333.	2.4	16
70	Synthesis of Heterobimetallic Zn/Co Carbamates: Single-Source Precursors of Nanosized Magnetic Oxides Under Mild Conditions. European Journal of Inorganic Chemistry, 2011, 2011, 860-867.	2.0	16
71	Structure and spectroscopy of hydrated neptunyl(VI) nitrate complexes. Dalton Transactions, 2013, 42, 15275.	3.3	16
72	Comparative Study of Complexes of Rare Earths and Actinides with 2,6-Bis(1,2,4-triazin-3-yl)pyridine. Inorganics, 2019, 7, 26.	2.7	16

#	ARTICLE	IF	CITATIONS
73	Synthesis and characterization of a new dinuclear bis($\frac{1}{4}$ -oxo)manganese(III)/manganese(IV) complex. <i>Inorganica Chimica Acta</i> , 2000, 303, 215-219.	2.4	15
74	Iron(III) Complexes with the Ligand N,N' -Bis[(2-pyridyl)methyl]ethylenediamine (uns-penp) and Its Amide Derivative N -Acetyl- N,N' -bis[(2-pyridyl)methyl]ethylenediamine (acetyl-uns-penp). <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1601-1610.	2.0	15
75	Subtle Interactions and Electron Transfer between U^{III} , Np^{III} , or Pu^{III} and Uranyl Mediated by the Oxo Group. <i>Angewandte Chemie</i> , 2016, 128, 12989-12993.	2.0	15
76	Can aromatic interactions control the coordination geometry of zinc complexes? Structural evidence and a possible mechanism for the conversion of trigonal-bipyramidal to octahedral compounds. <i>Dalton Transactions RSC</i> , 2002, , 3367-3373.	2.3	14
77	New phosphorus-containing quinone derivatives. <i>Heteroatom Chemistry</i> , 2012, 23, 383-394.	0.7	14
78	Exploring the solution behavior of f-element coordination compounds: a case study on some trivalent rare earth and plutonium complexes. <i>Chemical Science</i> , 2013, 4, 3717.	7.4	14
79	Tripod-Cobalt-Formiat-Komplexe in den Oxidationsstufen +II und +I. <i>Chemische Berichte</i> , 1996, 129, 243-245.	0.2	13
80	Tripod-Rhodium-COD-Komplexe: Synthese, Struktur, Dynamik und Katalyse. <i>Chemische Berichte</i> , 1996, 129, 1603-1615.	0.2	13
81	Solubility of $trans-Co_2(CO)_6$ [$3,5-bis(CF_3)C_6H_3P(i-C_3H_7)_2$] in dense carbon dioxide. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1467-1473.	1.8	13
82	Synthesis of α -Amino Acids through Samarium(II) Iodide Promoted Reductive Coupling of Nitrones with CO_2 . <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3742-3746.	2.4	13
83	"Lanthanide contraction"™ in $[Ln(BTP)_3](CF_3SO_3)_3$ complexes. <i>Structural Chemistry</i> , 2015, 26, 1287-1295.	2.0	13
84	A Structurally Characterized Organometallic Plutonium(IV) Complex. <i>Angewandte Chemie</i> , 2017, 129, 5148-5152.	2.0	13
85	Synthesis of a novel heterocyclic ring system: 2-thia-3,5,6,7,9-pentaazabenz[cd]azulenes. <i>Tetrahedron Letters</i> , 2002, 43, 695-697.	1.4	12
86	Insights into the Structural Chemistry of Anhydrous and Hydrous Hexavalent Uranium and Neptunium Dinitrato, Trinitrato, and Tetranitrato Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 7204-7215.	4.0	12
87	Tripod-Liganden mit cyclopentadienyl-donorgruppe: Synthese und reaktivität von komplexen des typs $CH_3C(CH_2-1-5-C_5H_4)(CH_2PR_2)(CH_2PR_2)_2FeCl$. <i>Journal of Organometallic Chemistry</i> , 1997, 549, 139-148.	1.8	11
88	Synthesis of nanostructured ThO_2 pellets. <i>Journal of the American Ceramic Society</i> , 2019, 102, 3814-3818.	3.8	11
89	Bonding Trends in Tetravalent Th^{IV} -Pu Monosalen Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 16853-16859.	3.3	11
90	Tris(hydridotris(1-pyrazolyl)borato)actinide Complexes: Synthesis, Spectroscopy, Crystal Structure, Bonding Properties and Magnetic Behaviour. <i>Chemistry - A European Journal</i> , 2020, 26, 11293-11306.	3.3	11

#	ARTICLE	IF	CITATIONS
91	Synthese und koordinationsverhalten von Di(1-phenyl-ethinyl)-Sulfan. Journal of Organometallic Chemistry, 1994, 466, 237-240.	1.8	10
92	Zur Elektronenstruktur metallorganischer Komplexe der f-Elemente. 60 [1] Strukturelle, einkristalloptische und magnetooptische Untersuchungen von Trialkylphosphat-Addukten des Grundkörpers Tris(cyclopentadienyl)lanthanid(III) (Ln = La, Pr) sowie Ergebnisse vergleichender optischer Studien an [Pr(Ind)3(OP(OEt)3)] (Ind = Indenyl). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 928-942.	1.2	10
93	Facile synthesis of a tricyclohexylphosphine-stabilized 1,3-allyl-carboxylato Ni(II) complex and its relevance in electrochemical butadiene carbon dioxide coupling. Applied Organometallic Chemistry, 2005, 19, 1176-1179.	3.5	10
94	Synthesis and Reactivity of a New Oxidation-Labile Heterobimetallic Mn ₆ Zn ₂ Carbamate Cluster and Precursor to Nanosized Magnetic Oxide Particles. European Journal of Inorganic Chemistry, 2011, 2011, 1387-1394.	2.0	10
95	Reaktionen des Tripod-Template CH ₃ C(CH ₂ PPh ₂) ₃ Co(II) mit funktionalisierten Hydrazinen. Chemische Berichte, 1996, 129, 1107-1113.	0.2	9
96	Synthesis and Reactivity of 6H-Dibenzo[c,e][1,2]oxaphosphinine 6-Sulfide, a Novel Thiophosphacyclic Molecule. Heterocycles, 2011, 83, 743.	0.7	9
97	Syntheses, Characterization, and Magnetic Studies of Copper(II) Complexes with the Ligand N,N,N,N-Tetrakis(2-pyridylmethyl)-1,3-benzenediamine (1,3-tpbd) and its Phenol Derivative 2,6-Bis[bis(2-pyridylmethyl)amino]-p-cresol (2,6-Htpcd). Inorganic Chemistry, 2012, 51, 88-97.	4.0	9
98	New ionic cobalt(III) complexes based on the N,N-bis(2-pyrazinecarboxamide)-1,2-benzene ligand: application to the formation of organic carbonates from epoxides and CO ₂ . New Journal of Chemistry, 2015, 39, 9858-9865.	2.8	9
99	Kinetic study on the grain growth of PuO ₂ nanocrystals. RSC Advances, 2019, 9, 6542-6547.	3.6	9
100	Systematic comparison of the structure of homoleptic tetradentate N ₂ O ₂ -type Schiff base complexes of tetravalent f-elements (M(IV)) Tj ETQq030 rgBT Overlock 1	0.3	9
101	Darstellung und Eigenschaften von CH ₃ C(CH ₂ PPh ₂) ₃ MoCl ₃ / Characterization and Properties of CH ₃ C(CH ₂ PPh ₂) ₃ MoCl ₃ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 636-640.	0.7	8
102	Zur Elektronenstruktur metallorganischer Komplexe der f-Elemente. 64 „u“ert sich die zwitterionische Natur des Triphenylphosphanoxid-Liganden auch in seinen spektrochemischen Eigenschaften?. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 2467-2470.	1.2	8
103	Synthesis and Characterization of a Series of Nickel Complexes with Tripodal and Related Ligands: Electroreductive Coupling of Alkynes and Carbon Dioxide. European Journal of Inorganic Chemistry, 2017, 2017, 4722-4732.	2.0	8
104	1,2-Diazetines as Useful Tools for Ring Transformation Reactions with Isothiocyanates – A New Entry to 1,3,4-Thiadiazines. Heterocycles, 2005, 65, 1311.	0.7	8
105	HERFD-XANES and RIXS Study on the Electronic Structure of Trivalent Lanthanides across a Series of Isostructural Compounds. Inorganic Chemistry, 2022, 61, 1817-1830.	4.0	8
106	Exploring Hydrothermally Grown Potassium Titanate Fibers by STEM-in-SEM/EDX and XRD. Microscopy and Microanalysis, 2006, 12, 322-326.	0.4	7
107	An easy way to achieve three-dimensional metal-organic coordination polymers: synthesis and crystal structure of dizinc diisophthalate bisdimethylsulfoxide monohydrate: [Zn ₂ (ip) ₄ (DMSO) ₂ (H ₂ O)·3 DMSO] _n . Applied Organometallic Chemistry, 2007, 21, 970-977.	3.5	7
108	Copper-Mediated Oxidative Cyclization of Heterocyclically Substituted Aldimines. Heterocycles, 2010, 81, 1811.	0.7	7

#	ARTICLE	IF	CITATIONS
109	Unexpected Behavior of Np in Oxo-selenate/Oxo-selenite Systems. <i>Inorganic Chemistry</i> , 2018, 57, 1604-1613.	4.0	7
110	Darstellung und Struktur von tripod-Cobalt-Aminocarboxylato-Komplexen / Syntheses and Structure of tripod Cobalt Aminocarboxylate Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1995, 50, 1638-1652.	0.7	6
111	Zur Elektronenstruktur metallorganischer Komplexe der f-Elemente. 63 Parametrische Analyse des Kristallfeld-Aufspaltungsmusters von pseudo trigonal-planarem Er(η^5 -C ₅ H ₄ tBu) ₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 1979-1982.	1.2	6
112	Tris-{Hydridotris(1-pyrazolyl)borato}lanthanide Complexes: Synthesis, Spectroscopy, Crystal Structure and Bonding Properties. <i>Inorganics</i> , 2021, 9, 44.	2.7	6
113	Charge Distribution in U ^{IV} Ce ^{IV} O ₂ Nanoparticles. <i>Inorganic Chemistry</i> , 2021, 60, 14550-14556.	4.0	6
114	Alkinol- und Alkindiol-funktionalisierte Zirconocen-Verbindungen: Synthese, struktur und reaktionsverhalten. <i>Journal of Organometallic Chemistry</i> , 1996, 524, 49-61.	1.8	5
115	Iron and cobalt complexes with the ligand (2-aminoethyl)bis(2-pyridylmethyl)amine (uns-penp) and derivatives. <i>Inorganica Chimica Acta</i> , 2010, 363, 2965-2970.	2.4	5
116	Recovery of actinides from actinide-aluminium alloys by chlorination: Part III - Chlorination with HCl(g). <i>Journal of Nuclear Materials</i> , 2018, 498, 213-220.	2.7	5
117	A Novel Metastable Pentavalent Plutonium Solid Phase on the Pathway from Aqueous Plutonium(VI) to PuO ₂ Nanoparticles. <i>Angewandte Chemie</i> , 2019, 131, 17722-17726.	2.0	5
118	A novel and efficient synthesis of trivalent 9,10-dihydro-9-oxa-10-phosphaphenanthrene-10-oxide derivatives. <i>Arkivoc</i> , 2007, 2007, 132-142.	0.5	5
119	Oxidation of Micro- and Nanograined UO ₂ Pellets by In Situ Synchrotron X-ray Diffraction. <i>Inorganic Chemistry</i> , 2022, 61, 1843-1850.	4.0	5
120	Synthesis, crystal structures and reactivity towards dioxygen of copper(I) complexes with tripodal aliphatic amine ligands. <i>Polyhedron</i> , 2019, 171, 448-454.	2.2	4
121	Competing Metal-Ligand Interactions in Tris(cyclopentadienyl)-cyclohexylisonitrile Complexes of Trivalent Actinides and Lanthanides. <i>Molecules</i> , 2022, 27, 3811.	3.8	4
122	Highly Active Hydroformylation Catalysts: Synthesis, Characterisation and Catalytic Performance. <i>Catalysis Letters</i> , 2013, 143, 673-680.	2.6	3
123	Syntheses, Structural Characterization, and Kinetic Investigations of Metalla[3]triangulanes: Isolelectronic Nickel(0) and Copper(I) Complexes with Bicyclopropylidene (bcp) and Dicyclopropylacetylene (dcpa) as Ligands. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1864-1870.	2.4	3
124	Phosphino-functionalised acetals of polyvinyl alcohol as the matrix for the immobilisation of Rh-based pre-catalysts for interfacial catalysis. <i>Journal of Molecular Catalysis A</i> , 2006, 249, 80-92.	4.8	2
125	1-(5,5-Dimethoxypentyl)-3-methylimidazolium-2-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1611-o1611.	0.2	2
126	η^5 -C ₅ H ₄ tBu-3-Tris(diphenylphosphorylmethyl)amine. <i>IUCrData</i> , 2017, 2, .	0.3	2

#	ARTICLE	IF	CITATIONS
127	Actinide Dioxide Nanoparticles. , 2020, , 579-592.		2
128	New aluminum 2,2-ethylenebis(4-chloro-3-methyl-6-(isopropyl)phenoxides): Structural characterization of an unusual ionic aluminum bisphenoxide $[Al(THF)_4(Cl)_2]^{+}[Al(mcmip)_2]^{-} \cdot x THF$. Inorganic Chemistry Communication, 2013, 30, 69-73.	3.9	1
129	Synthesis and reactivity of 6-mercapto-6H-dibenzo[c,e][1,2]oxaphosphinine 6-sulfide. Arkivoc, 2012, 2012, 470-483.	0.5	1
130	Larger Aromatic Complexes of the Actinides. , 2021, , .		1
131	Crystal Structure and Stability in Aqueous Solutions of $Na_{0.5} [NpO_2(OH)_{1.5}] \cdot 0.5H_2O$ and $Na[NpO_2(OH)_2]$. Journal of the American Chemical Society, 2022, 144, 9217-9221.	13.7	1
132	1-Metalla-2-Sila-1, 3-Diene Compounds. , 0, , 569-574.		0
133	fac-Bromidotricarbonyl[2-(diisopropylphosphanyl)benzaldehyde- η^2O,P]rhenium(I). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1201-m1201.	0.2	0
134	Bis(dimethyl sulfoxide- η^2O)tetrakis($\frac{1}{2}$ -3,4,5-trimethoxybenzoato- $\eta^2O:O$)dizinc. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m519-m519.	0.2	0
135	catena-Poly[[aquazinc(II)]- $\frac{1}{4}$ -N,N-bis(2-cyano-3-ethoxy-3-oxoprop-1-enyl)benzene-1,2-diaminido]. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m187-m188.	0.2	0
136	Röntgenstrukturanalyse: A Novel Metastable Pentavalent Plutonium Solid Phase on the Pathway from Aqueous Plutonium(VI) to PuO_2 Nanoparticles (Angew. Chem. 49/2019). Angewandte Chemie, 2019, 131, 18044-18044.	2.0	0
137	catena-Poly[[tris(acetonitrile- η^3N)praseodymium(III)]tris($\frac{1}{4}$ -trifluoromethanesulfonato- $\eta^2O:O$)]. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m21-m21.	0.2	0
138	1-Metalla-2-Sila-1, 3-Diene Compounds. , 0, , 569-574.		0