

Olaf Walter

List of Publications by Year in descending order

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papers

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109321

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docs citations

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times ranked

4077
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#	ARTICLE	IF	CITATIONS
1	HERFD-XANES and RIXS Study on the Electronic Structure of Trivalent Lanthanides across a Series of Isostructural Compounds. <i>Inorganic Chemistry</i> , 2022, 61, 1817-1830.	4.0	8
2	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
3	A terminal neptunium(V) "mono(oxo) complex. <i>Nature Chemistry</i> , 2022, 14, 342-349.	13.6	19
4	Crystal Structure and Stability in Aqueous Solutions of $\text{Na}_{0.5}[\text{NpO}_2(\text{OH})_{1.5}] \cdot 0.5\text{H}_2\text{O}$ and $\text{Na}[\text{NpO}_2(\text{OH})_2]$. <i>Journal of the American Chemical Society</i> , 2022, 144, 9217-9221.	13.7	1
5	Competing Metal-Ligand Interactions in Tris(cyclopentadienyl)-cyclohexylisocyanide Complexes of Trivalent Actinides and Lanthanides. <i>Molecules</i> , 2022, 27, 3811.	3.8	4
6	Syntheses, Structural Characterization, and Kinetic Investigations of Metalla[3]triangulanes: Isoelectronic 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
7	Tris-{Hydridotris(1-pyrazolyl)borato}lanthanide Complexes: Synthesis, Spectroscopy, Crystal Structure and Bonding Properties. <i>Inorganics</i> , 2021, 9, 44.	2.7	6
8	Charge Distribution in $\text{U}^{1+}\text{Ce}^{x+}\text{O}_{2+y}$ Nanoparticles. <i>Inorganic Chemistry</i> , 2021, 60, 14550-14556.	4.0	6
9	Larger Aromatic Complexes of the Actinides. , 2021, , .		1
10	Systematic comparison of the structure of homoleptic tetradentate N_2O_2 -type Schiff base complexes of tetravalent f-elements ($\text{M}(\text{iv})$) $\text{M}(\text{iv})\text{O}_2\text{O}_2$ rgBT Overlock 1		
11	Bonding Trends in Tetravalent Th "Pu Monosalen Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 16853-16859.	3.3	11
12	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
13	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
14	Size Dependence of Lattice Parameter and Electronic Structure in CeO_2 Nanoparticles. <i>Inorganic Chemistry</i> , 2020, 59, 5760-5767.	4.0	90
15	Actinide Dioxide Nanoparticles. , 2020, , 579-592.		2
16	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
17	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
18	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

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19	Röntgenstrukturbild: 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
20	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
21	Kinetic study on the grain growth of PuO ₂ nanocrystals. RSC Advances, 2019, 9, 6542-6547.	3.6	9
22	Synthesis of nanostructured ThO ₂ pellets. Journal of the American Ceramic Society, 2019, 102, 3814-3818.	3.8	11
23	Actinide Organometallic Complexes with π -Ligands. Chemistry - A European Journal, 2019, 25, 2927-2934.	3.3	40
24	Unexpected Behavior of Np in Oxo-selenate/Oxo-selenite Systems. Inorganic Chemistry, 2018, 57, 1604-1613.	4.0	7
25	Nano and micro U1-Th O2 solid solutions: From powders to pellets. Journal of Nuclear Materials, 2018, 498, 307-313.	2.7	30
26	Solid-State Structure of Tris(cyclopentadienide) Uranium(III) and Plutonium(III). Chemistry - A European Journal, 2018, 24, 2841-2844.	3.3	18
27	Recovery of actinides from actinide-aluminium alloys by chlorination: Part III - Chlorination with HCl(g). Journal of Nuclear Materials, 2018, 498, 213-220.	2.7	5
28	A low-temperature synthesis method for AnO ₂ nanocrystals (An = Th, U, Np, and Pu) and associate solid solutions. CrystEngComm, 2018, 20, 4614-4622.	2.6	40
29	Reduction chemistry of neptunium cyclopentadienide complexes: from structure to understanding. Chemical Science, 2017, 8, 2553-2561.	7.4	52
30	A Structurally Characterized Organometallic Plutonium(IV) Complex. Angewandte Chemie - International Edition, 2017, 56, 5066-5070.	13.8	32
31	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
32	Organometallic Neptunium Chemistry. Chemical Reviews, 2017, 117, 11460-11475.	47.7	71
33	A Structurally Characterized Organometallic Plutonium(IV) Complex. Angewandte Chemie, 2017, 129, 5148-5152.	2.0	13
34	$\text{Np}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$ -Tris(diphenylphosphorylmethyl)amine. IUCrData, 2017, 2, .	0.3	2
35	Organometallic neptunium(III) complexes. Nature Chemistry, 2016, 8, 797-802.	13.6	88
36	Subtle Interactions and Electron Transfer between U ^{III} , Np ^{III} , or Pu ^{III} and Uranyl Mediated by the Oxo Group. Angewandte Chemie, 2016, 128, 12989-12993.	2.0	15

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37	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
38	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
39	“Lanthanide contraction” in [Ln(BTP) ₃](CF ₃ SO ₃) ₃ complexes. <i>Structural Chemistry</i> , 2015, 26, 1287-1295.	2.0	13
40	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 . <i>New Journal of Chemistry</i> , 2015, 39, 9858-9865.	2.8	9
41	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
42	catena-Poly[[aquazinc(II)]-1/4-N,N'-bis(2-cyano-3-ethoxy-3-oxoprop-1-enyl)benzene-1,2-diaminido]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m187-m188.	0.2	0
43	Thorium/uranium mixed oxide nanocrystals: Synthesis, structural characterization and magnetic properties. <i>Nano Research</i> , 2014, 7, 119-131.	10.4	46
44	Ultra-small Plutonium Oxide Nanocrystals: An Innovative Material in Plutonium Science. <i>Chemistry - A European Journal</i> , 2014, 20, 10431-10438.	3.3	40
45	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
46	Structure and spectroscopy of hydrated neptunyl(vi) nitrate complexes. <i>Dalton Transactions</i> , 2013, 42, 15275.	3.3	16
47	Synthesis of transuranium-based nanocrystals via the thermal decomposition of actinyl nitrates. <i>RSC Advances</i> , 2013, 3, 18271.	3.6	22
48	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
49	Controlled Synthesis of Thorium and Uranium Oxide Nanocrystals. <i>Chemistry - A European Journal</i> , 2013, 19, 5297-5305.	3.3	59
50	Highly Active Hydroformylation Catalysts: Synthesis, Characterisation and Catalytic Performance. <i>Catalysis Letters</i> , 2013, 143, 673-680.	2.6	3
51	New aluminum 2,2'-methylenebis(4-chloro-3-methyl-6-(isopropyl)phenoxides): Structural characterization of an unusual ionic aluminum bisphenoxide [Al(THF) ₄ (Cl) ₂]+[Al(mcmip) ₂] ⁻ ·x THF. <i>Inorganic Chemistry Communication</i> , 2013, 30, 69-73.	3.9	1
52	Bis(dimethyl sulfoxide- \hat{O})tetrakis(1/4-2,3,4,5-trimethoxybenzoato- \hat{O}) ₂ dizinc. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m519-m519.	0.2	0
53	1-(5,5-Dimethoxypentyl)-3-methylimidazolium-2-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1611-o1611.	0.2	2
54	catena-Poly[[tris(acetonitrile- \hat{N})praseodymium(III)]tris(1/4-trifluoromethanesulfonato- \hat{O}) ₂]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m21-m21.	0.2	0

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55	fac-Bromidotricarbonyl[2-(diisopropylphosphanyl)benzaldehyde- η^2 O,P]rhenium(I). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1201-m1201.	0.2	0
56	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]- <i>p</i> -cresol] (2,6-Htpcd). Inorganic Chemistry, 2012, 51, 88-97.	4.0	9
57	Synthesis of α -Amino Acids through Samarium(II) Iodide Promoted Reductive Coupling of Nitrones with CO ₂ . European Journal of Organic Chemistry, 2012, 2012, 3742-3746.	2.4	13
58	Synthesis of new dibenzo[<i>c,e</i>][1,2]oxaphosphorine 2-oxide containing diols based on diethanolamine. Heteroatom Chemistry, 2012, 23, 146-153.	0.7	22
59	Synthesis of new organophosphorus compounds using the atherton- α reaction as a versatile tool. Heteroatom Chemistry, 2012, 23, 216-222.	0.7	46
60	New phosphorus-containing quinone derivatives. Heteroatom Chemistry, 2012, 23, 383-394.	0.7	14
61	Non-aqueous Synthesis of Isotropic and Anisotropic Actinide Oxide Nanocrystals. Chemistry - A European Journal, 2012, 18, 8283-8287.	3.3	58
62	Synthesis and reactivity of 6-mercapto-6H-dibenzo[<i>c,e</i>][1,2]oxaphosphinine 6-sulfide. Arkivoc, 2012, 2012, 470-483.	0.5	1
63	Synthesis and Reactivity of 6H-Dibenzo[<i>c,e</i>][1,2]oxaphosphinine 6-Sulfide, a Novel Thiophosphacyclic Molecule. Heterocycles, 2011, 83, 743.	0.7	9
64	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
65	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
66	Guanidinium-Based Phosphotungstates and Ionic Liquids as Catalysts and Solvents for the Epoxidation of Olefins with Hydrogen Peroxide. European Journal of Inorganic Chemistry, 2011, 2011, 2756-2762.	2.0	36
67	Magnetic Memory Effect in a Transuranic Mononuclear Complex. Angewandte Chemie - International Edition, 2011, 50, 1696-1698.	13.8	153
68	[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. Angewandte Chemie - International Edition, 2010, 49, 6343-6347.	13.8	87
69	Iron and cobalt complexes with the ligand (2-aminoethyl)bis(2-pyridylmethyl)amine (uns-penp) and derivatives. Inorganica Chimica Acta, 2010, 363, 2965-2970.	2.4	5
70	Zur Elektronenstruktur hochsymmetrischer Verbindungen der 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
71	Copper-Mediated Oxidative Cyclization of Heterocyclically Substituted Aldimines. Heterocycles, 2010, 81, 1811.	0.7	7
72	Reactivity of a C,N-Chelated Stannoxane. Organometallics, 2009, 28, 2629-2632.	2.3	41

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73	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
74	Synthesis and Characterisation of Some New Zinc Carbamate Complexes Formed by CO ₂ Fixation 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
75	Syntheses, Structures, and Properties of Copper(II) Complexes of Bis(2-pyridylmethyl) Derivatives of <i>m</i> -Phenylenediamine and Aniline. <i>Inorganic Chemistry</i> , 2008, 47, 9612-9623.	4.0	39
76	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
77	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
78	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
79	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
80	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
81	An easy way to achieve three-dimensional metal-organic coordination polymers: synthesis and crystal structure of dizinc diisophthalate bis(dimethylsulfoxide) monohydrate: [Zn ₂ (ip) ₄ (DMSO) ₂ (H ₂ O)·3 DMSO] _n . <i>Applied Organometallic Chemistry</i> , 2007, 21, 970-977.	3.5	7
82	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). <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 429-443.	2.0	20
83	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
84	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
85	Exploring Hydrothermally Grown Potassium Titanate Fibers by STEM-in-SEM/EDX and XRD. <i>Microscopy and Microanalysis</i> , 2006, 12, 322-326.	0.4	7
86	Zur Elektronenstruktur hochsymmetrischer Verbindungen der f-Elemente. 40. Parametrische Analyse des Kristallfeld-Aufspaltungsmusters von Tris(hydrotris(1-pyrazolyl)borato)neodym(III). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 1405-1408.	1.2	17
87	Zur Elektronenstruktur metallorganischer Komplexe der f-Elemente. 63 Parametrische Analyse des Kristallfeld-Aufspaltungsmusters von pseudo trigonal-planarem Er(I·5-C ₅ H ₄ tBu) ₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 1979-1982.	1.2	6
88	Zur Elektronenstruktur metallorganischer Komplexe der f-Elemente. 64. „u“ert sich die zwitterionische Natur des Triphenylphosphanoxid-Liganden auch in seinen spektrochemischen Eigenschaften?. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 2467-2470.	1.2	8
89	Aluminum bisphenoxides: Promising challengers for a catalyzed copolymerization of cyclohexene oxide with CO ₂ . <i>Catalysis Today</i> , 2006, 115, 151-161.	4.4	28
90	Zinc coordination polymers with 1-(3-aminopropyl)-imidazole as bridging bidentate unit. <i>Inorganica Chimica Acta</i> , 2006, 359, 327-333.	2.4	16

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91	A new amidoimidomalonate zinc complex with a sedecameric solid state structure catalyzing the copolymerization of CO ₂ and cyclohexene oxide. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3397-3402.	1.8	26
92	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
93	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
94	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
95	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
96	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
97	Solubility of trans-Co ₂ (CO) ₆ [3,5-bis(CF ₃)C ₆ H ₃ P(i-C ₃ H ₇) ₂] in dense carbon dioxide. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1467-1473.	1.8	13
98	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
99	Facile synthesis of a tricyclohexylphosphine-stabilized 1,3-allyl-carboxylato Ni(II) complex and its relevance in electrochemical butadiene carbon dioxide coupling. <i>Applied Organometallic Chemistry</i> , 2005, 19, 1176-1179.	3.5	10
100	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
101	Zur Elektronenstruktur hochsymmetrischer Verbindungen der f-Elemente. 38 [1] Kristall-, Molekül- und Elektronenstruktur von Tris(hydrotris(1-pyrazolyl)borato)-samarium(III). <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1487-1496.	1.2	17
102	3-Aminoiminoacrylate, 3-Aminoacrylate, and 3-Amidoiminomalonate Complexes as Catalysts for the Dimerization of Olefins. <i>Organometallics</i> , 2005, 24, 4139-4152.	2.3	36
103	1,2-Diazetines as Useful Tools for Ring Transformation Reactions with Isothiocyanates – A New Entry to 1,3,4-Thiadiazines. <i>Heterocycles</i> , 2005, 65, 1311.	0.7	8
104	Zur Elektronenstruktur metallorganischer Komplexe der f-Elemente. 60 [1] Strukturelle, einkristallographische 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). <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 2004, 630, 928-942.	1.2	10
105	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
106	Tuning the Magnetic Properties of a Dinuclear Copper Complex: From Ferromagnetic to Antiferromagnetic Coupling. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 344-348.	2.0	20
107	High-pressure effects in the homogeneously catalyzed hydroformylation of olefins. <i>Journal of Molecular Catalysis A</i> , 2004, 219, 41-46.	4.8	17
108	Assessment of intercomponent interaction in phenylene bridged dinuclear ruthenium(II) and osmium(II) polypyridyl complexes. <i>Dalton Transactions</i> , 2004, , 3943.	3.3	28

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109	Spektroskopische und strukturelle Charakterisierung von Tris(2, 6-di-t-butyl-phenolato)lanthanid(III) (Ln(OArâ€²)â€³; Ln = Pr, Nd) sowie parametrische Analyse des Kristallfeld-Aufspaltungsmusters von Nd(OArâ€²)â€³. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 1522-1534.	1.2	16
110	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/ . Chemical Communications, 2003, , 28-29.	4.1	241
111	Complexes of Schiff Bases and Intermediates in the Copper-Catalyzed Oxidative Heterocyclization by Atmospheric Oxygen. Inorganic Chemistry, 2003, 42, 8878-8885.	4.0	75
112	Syntheses and characterization of copper complexes of the ligand (2-aminoethyl)bis(2-pyridylmethyl)amine (uns-penp) and derivatives. Dalton Transactions, 2003, , 1480-1487.	3.3	46
113	Copperâ€™Bispidine Coordination Chemistry: Syntheses, Structures, Solution Properties, and Oxygenation Reactivity. Inorganic Chemistry, 2002, 41, 5440-5452.	4.0	72
114	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. Dalton Transactions RSC, 2002, , 3367-3373.	2.3	14
115	Salicylaldimine Dizinc Complexes: Activation of Water Molecules and Fixation of CO ₂ in the Coordination Sphere of Zinc. European Journal of Inorganic Chemistry, 2002, 2002, 1615-1621.	2.0	27
116	Syntheses and Characterization of Copper(II) Complexes of the New Ligands N-[(2-Pyridyl)methyl]-2,2â€™-dipyridylamine and N-[Bis(2-pyridyl)methyl]-2-pyridylamine. European Journal of Inorganic Chemistry, 2002, 2002, 111-121.	2.0	39
117	Synthesis of a novel heterocyclic ring system: 2-thia-3,5,6,7,9-pentaazabenz[cd]azulenes. Tetrahedron Letters, 2002, 43, 695-697.	1.4	12
118	Cp* ⁺ Ru-allylcarbene complexes by nucleophilic attack of cyclic Cp* ⁺ Ru-dicarbenes. Journal of Organometallic Chemistry, 2001, 627, 249-254.	1.8	28
119	Self-Assembly of Tetranuclear Iron(II) Compounds by a Combination of Rod- and Clamp-Shaped Bridging Units. European Journal of Inorganic Chemistry, 2001, 2001, 2625-2640.	2.0	30
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