

Olaf Walter

List of Publications by Year in descending order

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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. | 1.9 | 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. | 1.9 | 5 |
| 3 | A terminal neptunium(V) "mono(oxo) complex. <i>Nature Chemistry</i> , 2022, 14, 342-349. | 6.6 | 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. | 6.6 | 1 |
| 5 | Competing Metal-Ligand Interactions in Tris(cyclopentadienyl)-cyclohexylisocyanide Complexes of Trivalent Actinides and Lanthanides. <i>Molecules</i> , 2022, 27, 3811. | 1.7 | 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. | 1.2 | 3 |
| 7 | Tris-{Hydridotris(1-pyrazolyl)borato}lanthanide Complexes: Synthesis, Spectroscopy, Crystal Structure and Bonding Properties. <i>Inorganics</i> , 2021, 9, 44. | 1.2 | 6 |
| 8 | Charge Distribution in $\text{U}^{1+}\text{Ce}^{x+}\text{O}_{2+y}$ Nanoparticles. <i>Inorganic Chemistry</i> , 2021, 60, 14550-14556. | 1.9 | 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 ($\text{M}(\text{iv})$) $\text{Tj ETQq0.00 rgBT 0 Overlock 1}$ | | |
| 11 | Bonding Trends in Tetravalent Th "Pu Monosalen Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 16853-16859. | 1.7 | 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. | 1.9 | 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. | 1.7 | 11 |
| 14 | Size Dependence of Lattice Parameter and Electronic Structure in CeO_2 Nanoparticles. <i>Inorganic Chemistry</i> , 2020, 59, 5760-5767. | 1.9 | 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. | 1.0 | 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. | 1.6 | 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. | 7.2 | 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. | 1.6 | 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. | 1.2 | 16 |
| 21 | Kinetic study on the grain growth of PuO ₂ nanocrystals. RSC Advances, 2019, 9, 6542-6547. | 1.7 | 9 |
| 22 | Synthesis of nanostructured ThO ₂ pellets. Journal of the American Ceramic Society, 2019, 102, 3814-3818. | 1.9 | 11 |
| 23 | Actinide Organometallic Complexes with π -Ligands. Chemistry - A European Journal, 2019, 25, 2927-2934. | 1.7 | 40 |
| 24 | Unexpected Behavior of Np in Oxo-selenate/Oxo-selenite Systems. Inorganic Chemistry, 2018, 57, 1604-1613. | 1.9 | 7 |
| 25 | Nano and micro U1-Th O2 solid solutions: From powders to pellets. Journal of Nuclear Materials, 2018, 498, 307-313. | 1.3 | 30 |
| 26 | Solid-State Structure of Tris(cyclopentadienide) Uranium(III) and Plutonium(III). Chemistry - A European Journal, 2018, 24, 2841-2844. | 1.7 | 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. | 1.3 | 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. | 1.3 | 40 |
| 29 | Reduction chemistry of neptunium cyclopentadienide complexes: from structure to understanding. Chemical Science, 2017, 8, 2553-2561. | 3.7 | 52 |
| 30 | A Structurally Characterized Organometallic Plutonium(IV) Complex. Angewandte Chemie - International Edition, 2017, 56, 5066-5070. | 7.2 | 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. | 1.0 | 8 |
| 32 | Organometallic Neptunium Chemistry. Chemical Reviews, 2017, 117, 11460-11475. | 23.0 | 71 |
| 33 | A Structurally Characterized Organometallic Plutonium(IV) Complex. Angewandte Chemie, 2017, 129, 5148-5152. | 1.6 | 13 |
| 34 | U ^{IV} , Np ^{IV} , Pu ^{IV} -Tris(diphenylphosphorylmethyl)amine. IUCrData, 2017, 2, . | 0.1 | 2 |
| 35 | Organometallic neptunium(III) complexes. Nature Chemistry, 2016, 8, 797-802. | 6.6 | 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. | 1.6 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 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. | 7.2 | 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. | 1.0 | 35 |
| 39 | “Lanthanide contraction” in [Ln(BTP) ₃](CF ₃ SO ₃) ₃ complexes. <i>Structural Chemistry</i> , 2015, 26, 1287-1295. | 1.0 | 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. | 1.4 | 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. | 1.4 | 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. | 5.8 | 46 |
| 44 | Ultra-small Plutonium Oxide Nanocrystals: An Innovative Material in Plutonium Science. <i>Chemistry - A European Journal</i> , 2014, 20, 10431-10438. | 1.7 | 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. | 3.7 | 14 |
| 46 | Structure and spectroscopy of hydrated neptunyl(vi) nitrate complexes. <i>Dalton Transactions</i> , 2013, 42, 15275. | 1.6 | 16 |
| 47 | Synthesis of transuranium-based nanocrystals via the thermal decomposition of actinyl nitrates. <i>RSC Advances</i> , 2013, 3, 18271. | 1.7 | 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. | 1.7 | 42 |
| 49 | Controlled Synthesis of Thorium and Uranium Oxide Nanocrystals. <i>Chemistry - A European Journal</i> , 2013, 19, 5297-5305. | 1.7 | 59 |
| 50 | Highly Active Hydroformylation Catalysts: Synthesis, Characterisation and Catalytic Performance. <i>Catalysis Letters</i> , 2013, 143, 673-680. | 1.4 | 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. | 1.8 | 1 |
| 52 | Bis(dimethyl sulfoxide- \hat{O})tetrakis($\hat{1}/4$ -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($\hat{1}/4$ -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. | 1.9 | 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. | 1.2 | 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. | 0.4 | 22 |
| 59 | Synthesis of new organophosphorus compounds using the atherton- <i>t</i> odd reaction as a versatile tool. Heteroatom Chemistry, 2012, 23, 216-222. | 0.4 | 46 |
| 60 | New phosphorus-containing quinone derivatives. Heteroatom Chemistry, 2012, 23, 383-394. | 0.4 | 14 |
| 61 | Non-aqueous Synthesis of Isotropic and Anisotropic Actinide Oxide Nanocrystals. Chemistry - A European Journal, 2012, 18, 8283-8287. | 1.7 | 58 |
| 62 | Synthesis and reactivity of 6-mercapto-6H-dibenzo[<i>c,e</i>][1,2]oxaphosphinine 6-sulfide. Arkivoc, 2012, 2012, 470-483. | 0.3 | 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. | 0.4 | 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. | 1.0 | 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. | 1.0 | 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. | 1.0 | 36 |
| 67 | Magnetic Memory Effect in a Transuranic Mononuclear Complex. Angewandte Chemie - International Edition, 2011, 50, 1696-1698. | 7.2 | 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. | 7.2 | 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. | 1.2 | 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. | 0.6 | 22 |
| 71 | Copper-Mediated Oxidative Cyclization of Heterocyclically Substituted Aldimines. Heterocycles, 2010, 81, 1811. | 0.4 | 7 |
| 72 | Reactivity of a C,N-Chelated Stannoxane. Organometallics, 2009, 28, 2629-2632. | 1.1 | 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. | 1.7 | 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. | 1.0 | 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. | 1.9 | 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. | 0.8 | 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. | 1.7 | 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. | 1.3 | 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. | 7.2 | 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. | 7.2 | 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. | 1.7 | 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. | 1.0 | 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. | 0.8 | 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. | 0.3 | 5 |
| 85 | Exploring Hydrothermally Grown Potassium Titanate Fibers by STEM-in-SEM/EDX and XRD. <i>Microscopy and Microanalysis</i> , 2006, 12, 322-326. | 0.2 | 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. | 0.6 | 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. | 0.6 | 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. | 0.6 | 8 |
| 89 | Aluminum bisphenoxides: Promising challengers for a catalyzed copolymerization of cyclohexene oxide with CO ₂ . <i>Catalysis Today</i> , 2006, 115, 151-161. | 2.2 | 28 |
| 90 | Zinc coordination polymers with 1-(3-aminopropyl)-imidazole as bridging bidentate unit. <i>Inorganica Chimica Acta</i> , 2006, 359, 327-333. | 1.2 | 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. | 0.8 | 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. | 1.0 | 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. | 2.1 | 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. | 1.6 | 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. | 0.8 | 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. | 0.8 | 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. | 1.7 | 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. | 2.1 | 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. | 0.6 | 17 |
| 102 | 3-Aminoiminoacrylate, 3-Aminoacrylate, and 3-Amidoiminomalonate Complexes as Catalysts for the Dimerization of Olefins. <i>Organometallics</i> , 2005, 24, 4139-4152. | 1.1 | 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. | 0.4 | 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. | 0.6 | 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. | 1.0 | 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. | 1.0 | 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. | 1.6 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Spektroskopische und strukturelle Charakterisierung von Tris(2, 6-di-t-butyl-phenolato)lanthanid(III) (Ln(OArâ€²)â‚‚; Ln = Pr, Nd) sowie parametrische Analyse des Kristallfeld-Aufspaltungsmusters von Nd(OArâ€²)â‚‚. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 1522-1534. | 0.6 | 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. | 2.2 | 241 |
| 111 | Complexes of Schiff Bases and Intermediates in the Copper-Catalyzed Oxidative Heterocyclization by Atmospheric Oxygen. Inorganic Chemistry, 2003, 42, 8878-8885. | 1.9 | 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. | 1.6 | 46 |
| 113 | Copperâ€™Bispidine Coordination Chemistry: Syntheses, Structures, Solution Properties, and Oxygenation Reactivity. Inorganic Chemistry, 2002, 41, 5440-5452. | 1.9 | 72 |
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