# Christoph Hennig

List of Publications by Year
in descending order

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| 155 | 6,027 | 50276 | 91884 |
|---|---|---|---|
| papers | citations | 46 h-index | 69 g-index |

| 167 | 167 | 167 | 4663 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Oxidation of Micro- and Nanograined UO<sub>2</sub> Pellets by In Situ Synchrotron X-ray Diffraction. Inorganic Chemistry, 2022, 61, 1843-1850. | 4.0 | 5 |
| 2 | Immobilization of radiotoxic elements with Yâ€stabilized zirconia: The thorium case. Journal of the American Ceramic Society, 2022, 105, 5975-5983. | 3.8 | 3 |
| 3 | ROBL-II at ESRF: a synchrotron toolbox for actinide research. Journal of Synchrotron Radiation, 2021, 28, 333-349. | 2.4 | 62 |
| 4 | Sc<sub>3</sub>Ir<sub>4</sub>Si<sub>13+x </sub> and Sc<sub>4</sub>Ir<sub>7</sub>Ge<sub>6</sub>Ââ€“ the perovskite-related crystal structures. Zeitschrift Fur Kristallographie - Crystalline Materials, 2021, 236, 313-323. | 0.8 | 3 |
| 5 | Crystal structure, phase transition and properties of indium(<scp>iii</scp>) sulfide. Dalton Transactions, 2020, 49, 15903-15913. | 3.3 | 10 |
| 6 | Polar Structure Formation in Solid Solution of Strontium-Substituted Fluorapatiteâ€“Gelatin Composites: From Structural and Morphogenetic Aspects to Pyroelectric Properties. Chemistry of Materials, 2020, 32, 8619-8632. | 6.7 | 2 |
| 7 | New tools for calibrating diffraction setups. Journal of Synchrotron Radiation, 2020, 27, 558-566. | 2.4 | 106 |
| 8 | Understanding the local structure of Eu3+- and Y3+-stabilized zirconia: insights from luminescence and X-ray absorption spectroscopic investigations. Journal of Materials Science, 2020, 55, 10095-10120. | 3.7 | 9 |
| 9 | The missing pieces of the PuO<sub>2</sub>nanoparticle puzzle. Nanoscale, 2020, 12, 18039-18048. | 5.6 | 28 |
| 10 | Ternary MIn<sub>2</sub>S<sub>4</sub> (M = Mn, Fe, Co, Ni) Thiospinels â€“ Crystal Structure and Thermoelectric Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1091-1098. | 1.2 | 17 |
| 11 | Extreme multi-valence states in mixed actinide oxides. Communications Chemistry, 2019, 2, . | 4.5 | 32 |
| 12 | Is hydroxypyridonate 3,4,3-LI(1,2-HOPO) a good competitor of fetuin for uranyl metabolism?. Metallomics, 2019, 11, 496-507. | 2.4 | 12 |
| 13 | How Do Actinyls Interact with Hyperphosphorylated Yolk Protein Phosvitin?. Chemistry - A European Journal, 2019, 25, 12332-12341. | 3.3 | 2 |
| 14 | Structural stability and thermoelectric performance of high quality synthetic and natural pyrites (FeS<sub>2</sub>). Dalton Transactions, 2019, 48, 10703-10713. | 3.3 | 16 |
| 15 | Indium thiospinel In<sub>1âˆ’x</sub>â–¡<sub>x</sub>In<sub>2</sub>S<sub>4</sub> â€“ structural characterization and thermoelectric properties. Dalton Transactions, 2019, 48, 8350-8360. | 3.3 | 14 |
| 16 | Deciphering the Crystal Structure of a Scarce 1D Polymeric Thorium Peroxo Sulfate. Chemistry - A European Journal, 2019, 25, 9580-9585. | 3.3 | 7 |
| 17 | Formation and Aggregation of ZrO<sub>2</sub> Nanoparticles on Muscovite (001). Journal of Physical Chemistry C, 2018, 122, 3865-3874. | 3.1 | 9 |
| 18 | Cluster Formation in the Superconducting Complex Intermetallic Compound Be<sub>21</sub>Pt<sub>5</sub>. Accounts of Chemical Research, 2018, 51, 214-222. | 15.6 | 29 |

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| 19 | Noncentrosymmetric superconductor BeAu. Physical Review B, 2018, 97, . | 3.2 | 33 |
| 20 | Peculiar Thermal Behavior of UO<sub>2</sub> Local Stucture. Inorganic Chemistry, 2018, 57, 14890-14894. | 4.0 | 5 |
| 21 | Superconductivity and magnetism in noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">LaPtGe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CePtGe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2018, 98, . | 3.2 | 7 |
| 22 | Polyethyleneimine methylenecarboxylate: a macromolecular DTPA analogue to chelate plutonium(<scp>iv</scp>). Chemical Communications, 2018, 54, 11705-11708. | 4.1 | 4 |
| 23 | Competitive Adsorption of ZrO<sub>2</sub> Nanoparticle and Alkali Cations (Li<sup>+</sup>â€“Cs<sup>+</sup>) on Muscovite (001). Langmuir, 2018, 34, 12270-12278. | 3.5 | 7 |
| 24 | Interaction of Uranium(VI) with Î±-Amylase and Its Implication for Enzyme Activity. Chemical Research in Toxicology, 2018, 31, 1032-1041. | 3.3 | 6 |
| 25 | Uniaxial ferromagnetism of local uranium moments in hexagonal UBeGe. Physical Review B, 2018, 97, . | 3.2 | 9 |
| 26 | Towards the development of chitosan nanoparticles for plutonium pulmonary decorporation. Dalton Transactions, 2018, 47, 11605-11618. | 3.3 | 8 |
| 27 | {Np<sub>38</sub>} clusters: the missing link in the largest poly-oxo cluster series of tetravalent actinides. Chemical Communications, 2018, 54, 10060-10063. | 4.1 | 30 |
| 28 | A Combined Spectroscopic/Molecular Dynamic Study for Investigating a Methyl-Carboxylated PEI as a Potential Uranium Decorporation Agent. Inorganic Chemistry, 2017, 56, 1300-1308. | 4.0 | 13 |
| 29 | Synthesis of Coordination Polymers of Tetravalent Actinides (Uranium and Neptunium) with a Phthalate or Mellitate Ligand in an Aqueous Medium. Inorganic Chemistry, 2017, 56, 2902-2913. | 4.0 | 28 |
| 30 | Coordination of Tetravalent Actinides (An=Th<sup>IV</sup>, U<sup>IV</sup>, Np<sup>IV</sup>,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6864-6875. | 3.3 | 52 |
| 31 | The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. Nature Communications, 2017, 8, 14137. | 12.8 | 128 |
| 32 | Solution Species and Crystal Structure of Zr(IV) Acetate. Inorganic Chemistry, 2017, 56, 2473-2480. | 4.0 | 65 |
| 33 | Insights into the sonochemical synthesis and properties of salt-free intrinsic plutonium colloids. Scientific Reports, 2017, 7, 43514. | 3.3 | 42 |
| 34 | Thermoelectric Properties of Natural Chalcopyrite from Zacatecas, Mexico. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 858-863. | 1.2 | 13 |
| 35 | Structural Characterization of Am(III)- and Pu(III)-DOTA Complexes. Inorganic Chemistry, 2017, 56, 12248-12259. | 4.0 | 22 |
| 36 | Polyethyleneimine methylphosphonate: towards the design of a new class of macromolecular actinide chelating agents in the case of human exposition. Dalton Transactions, 2017, 46, 13869-13877. | 3.3 | 12 |

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| 37 | Structural and thermodynamic investigation of An<sup>IV</sup>LI(O)HOPO. New Journal of Chemistry, 2017, 41, 11291-11298. | 2.8 | 6 |
| 38 | Two-gap superconductivity in Ag1â€“xMo6S8Chevrel phase. Journal of Physics Condensed Matter, 2017, 29, 495603. | 1.8 | 5 |
| 39 | Structures of Plutonium(IV) and Uranium(VI) with N,N-Dialkyl Amides from Crystallography, X-ray Absorption Spectra, and Theoretical Calculations. Inorganic Chemistry, 2016, 55, 5558-5569. | 4.0 | 43 |
| 40 | First Evidence of a Water-Soluble Plutonium(IV) Hexanuclear Cluster. European Journal of Inorganic Chemistry, 2016, 2016, 3536-3540. | 2.0 | 26 |
| 41 | Evidence of Trivalent Am Substitution into U<sub>3</sub>O<sub>8</sub>. Inorganic Chemistry, 2016, 55, 10438-10444. | 4.0 | 8 |
| 42 | Oxyhydroxy Silicate Colloids: A New Type of Waterborne Actinide(IV) Colloids. ChemistryOpen, 2016, 5, 174-182. | 1.9 | 14 |
| 43 | Emergence of comparable covalency in isostructural cerium(<scp>iv</scp>)â€“ and uranium(<scp>iv</scp>)â€“carbon multiple bonds. Chemical Science, 2016, 7, 3286-3297. | 7.4 | 90 |
| 44 | Neptunium characterization in uranium dioxide fuel: Combining a XAFS and a thermodynamic approach. Journal of Alloys and Compounds, 2016, 662, 448-454. | 5.5 | 5 |
| 45 | Ex-Situ Kinetic Investigations of the Formation of the Poly-Oxo Cluster U38. Chemistry - A European Journal, 2015, 21, 16654-16664. | 3.3 | 24 |
| 46 | Insights into the Mechanism of Extraction of Uranium (VI) from Nitric Acid Solution into an Ionic Liquid by using Triâ€nâ€butyl phosphate. ChemPhysChem, 2015, 16, 2653-2662. | 2.1 | 48 |
| 47 | Formation of Neptunium(IV)â€“Silica Colloids at Near-Neutral and Slightly Alkaline pH. Environmental Science & Technology, 2015, 49, 665-671. | 10.0 | 17 |
| 48 | Intrinsic formation of nanocrystalline neptunium dioxide under neutral aqueous conditions relevant to deep geological repositories. Chemical Communications, 2015, 51, 1301-1304. | 4.1 | 16 |
| 49 | A New Look at the Structural Properties of Trisodium Uranate Na<sub>3</sub>UO<sub>4</sub>. Inorganic Chemistry, 2015, 54, 3552-3561. | 4.0 | 22 |
| 50 | Recent advances in the study of the UO2â€“PuO2 phase diagram at high temperatures. Journal of Nuclear Materials, 2014, 448, 330-339. | 2.7 | 83 |
| 51 | Colloid-borne forms of tetravalent actinides: A brief review. Journal of Contaminant Hydrology, 2014, 157, 87-105. | 3.3 | 71 |
| 52 | Synthesis of Coffinite, USiO<sub>4</sub>, and Structural Investigations of U<sub>x</sub>Th<sub>(1â€“x)</sub>SiO<sub>4</sub> Solid Solutions. Environmental Science & Technology, 2014, 48, 854-860. | 10.0 | 36 |
| 53 | A <sup>23</sup>Na Magic Angle Spinning Nuclear Magnetic Resonance, XANES, and High-Temperature X-ray Diffraction Study of NaUO<sub>3</sub>, Na<sub>4</sub>UO<sub>5</sub>, and Na<sub>2</sub>U<sub>2</sub>O<sub>7</sub>. Inorganic Chemistry, 2014, 53, 375-382. | 4.0 | 28 |
| 54 | Uranylâ€“halide complexation in N,N-dimethylformamide: halide coordination trend manifests hardness of [UO2]2+. Dalton Transactions, 2013, 42, 13101. | 3.3 | 8 |

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| 55 | Crystal Structure and Solution Species of Ce(III) and Ce(IV) Formates: From Mononuclear to Hexanuclear Complexes. Inorganic Chemistry, 2013, 52, 11734-11743. | 4.0 | 79 |
| 56 | Thermodynamic Study of the Complexation of Protactinium(V) with Diethylenetriaminepentaacetic Acid. Inorganic Chemistry, 2013, 52, 7497-7507. | 4.0 | 15 |
| 57 | Multi-edge X-ray absorption spectroscopy of thorium, neptunium and plutonium hexacyanoferrate compounds. New Journal of Chemistry, 2013, 37, 3003. | 2.8 | 6 |
| 58 | Hydrolysis of Tetravalent Cerium for a Simple Route to Nanocrystalline Cerium Dioxide: An In Situ Spectroscopic Study of Nanocrystal Evolution. Chemistry - A European Journal, 2013, 19, 7348-7360. | 3.3 | 25 |
| 59 | Solid-state properties and colloidal stability of thorium(IV)â€“silica nanoparticles. Geochimica Et Cosmochimica Acta, 2013, 103, 197-212. | 3.9 | 30 |
| 60 | Short note on the hydrolysis and complexation of neptunium(IV) in HEPES solution. Radiochimica Acta, 2013, 101, 367-372. | 1.2 | 2 |
| 61 | Identification of hexanuclear Actinide(IV) carboxylates with Thorium, Uranium and Neptunium by EXAFS spectroscopy. Journal of Physics: Conference Series, 2013, 430, 012116. | 0.4 | 11 |
| 62 | Simplest Homoleptic Metal-Centered Tetrahedrons, [M(OH<sub>2</sub>)<sub>4</sub>]<sup>2+</sup>, in 1-Ethyl-3-methylimidazolium Tetrafluoroborate Ionic Liquid (M = Co, Ni, Cu). Inorganic Chemistry, 2012, 51, 4850-4854. | 4.0 | 9 |
| 63 | Structure and stability range of a hexanuclear Th(iv)â€“glycine complex. Dalton Transactions, 2012, 41, 12818. | 3.3 | 73 |
| 64 | Evidence for the formation of UO2(NO3)42â^' in an ionic liquid by EXAFS. Dalton Transactions, 2012, 41, 5476. | 3.3 | 21 |
| 65 | Formation of Soluble Hexanuclear Neptunium(IV) Nanoclusters in Aqueous Solution: Growth Termination of Actinide(IV) Hydrous Oxides by Carboxylates. Inorganic Chemistry, 2012, 51, 1336-1344. | 4.0 | 68 |
| 66 | Perrhenate Complexation by Uranyl in Traditional Solvents and in Ionic Liquids: A Joint Molecular Dynamics/Spectroscopic Study. Journal of Physical Chemistry B, 2012, 116, 3205-3219. | 2.6 | 21 |
| 67 | Dinuclear complexes of tetravalent cerium in an aqueous perchloric acid solution. Dalton Transactions, 2012, 41, 7190. | 3.3 | 50 |
| 68 | EXAFS and DFT Investigations of Uranyl Arsenate Complexes in Aqueous Solution. Environmental Science & Technology, 2012, 46, 2228-2233. | 10.0 | 29 |
| 69 | Electrochemical behaviour of tetrachloro and tetrabromo uranyl complexes in room temperature ionic liquids. Journal of Electroanalytical Chemistry, 2011, 661, 49-56. | 3.8 | 12 |
| 70 | Formation of uranium(IV)-silica colloids at near-neutral pH. Geochimica Et Cosmochimica Acta, 2011, 75, 352-367. | 3.9 | 60 |
| 71 | Local Structure in Americium and Californium Hexacyanoferrates â€“ Comparison with Their Lanthanide Analogues. European Journal of Inorganic Chemistry, 2011, 2011, 1560-1569. | 2.0 | 27 |
| 72 | The Role of Transferrin in Actinide(IV) Uptake: Comparison with Iron(III). Chemistry - A European Journal, 2010, 16, 1378-1387. | 3.3 | 45 |

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| 73 | In situ spectroelectrochemical investigation of Pt(II/IV) oxidation in aqueous solution using X-ray absorption spectroscopy. Inorganica Chimica Acta, 2010, 363, 802-806. | 2.4 | 9 |
| 74 | Double photoexcitation of 2p and 4f electrons in curium. Journal of Electron Spectroscopy and Related Phenomena, 2010, 180, 17-20. | 1.7 | 5 |
| 75 | Structural and electrochemical studies on uranyl(VI) complex with pentadentate Schiff base ligand: A guide to stable uranyl(V). IOP Conference Series: Materials Science and Engineering, 2010, 9, 012030. | 0.6 | 4 |
| 76 | Molecular solids of actinide hexacyanoferrate: Structure and bonding. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012026. | 0.6 | 2 |
| 77 | Competitive Complexation of Nitrates and Chlorides to Uranyl in a Room Temperature Ionic Liquid. Inorganic Chemistry, 2010, 49, 6484-6494. | 4.0 | 36 |
| 78 | Thermodynamical and Structural Study of Protactinium(V) Oxalate Complexes in Solution. Inorganic Chemistry, 2010, 49, 9962-9971. | 4.0 | 29 |
| 79 | Molecular Structure and Electrochemical Behavior of Uranyl(VI) Complex with Pentadentate Schiff Base Ligand: Prevention of Uranyl(V) Cationâ"Cation Interaction by Fully Chelating Equatorial Coordination Sites. Inorganic Chemistry, 2010, 49, 2349-2359. | 4.0 | 65 |
| 80 | Comparative investigation of the solution species [U(CO3)5]6â" and the crystal structure of Na6[U(CO3)5]Â·12H2O. Dalton Transactions, 2010, 39, 3744. | 3.3 | 42 |
| 81 | Structure of early actinides(V) in acidic solutions. Radiochimica Acta, 2009, 97, 347-353. | 1.2 | 37 |
| 82 | Speciation of Rareâ€Earth Metal Complexes in Ionic Liquids: A Multipleâ€Technique Approach. Chemistry - A European Journal, 2009, 15, 1449-1461. | 3.3 | 91 |
| 83 | First Hexanuclear U<sup>IV</sup> and Th<sup>IV</sup> Formate Complexes â€" Structure and Stability Range in Aqueous Solution. European Journal of Inorganic Chemistry, 2009, 2009, 4771-4775. | 2.0 | 116 |
| 84 | Coordination environment of [UO2Br4]2â" in ionic liquids and crystal structure of [Bmim]2[UO2Br4]. Polyhedron, 2009, 28, 1281-1286. | 2.2 | 27 |
| 85 | Thermodynamics and Structure of Actinide(IV) Complexes with Nitrilotriacetic Acid. Inorganic Chemistry, 2009, 48, 3943-3953. | 4.0 | 28 |
| 86 | Neptunium Carbonato Complexes in Aqueous Solution: An Electrochemical, Spectroscopic, and Quantum Chemical Study. Inorganic Chemistry, 2009, 48, 11779-11787. | 4.0 | 38 |
| 87 | X-ray Absorption Fine Structures of Uranyl(V) Complexes in a Nonaqueous Solution. Inorganic Chemistry, 2009, 48, 9602-9604. | 4.0 | 39 |
| 88 | Sorption of Th(IV) onto Iron Corrosion Products: EXAFS Study. Environmental Science & Technology, 2009, 43, 2825-2830. | 10.0 | 32 |
| 89 | Complex Formation and Molecular Structure of Neptunyl(VI) and -(V) Acetates. Inorganic Chemistry, 2009, 48, 8803-8810. | 4.0 | 30 |
| 90 | The Sulfate Coordination of Np(IV), Np(V), and Np(VI) in Aqueous Solution. Inorganic Chemistry, 2009, 48, 5350-5360. | 4.0 | 46 |

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| 91 | Speciation and Structural Study of U(IV) and -(VI) in Perchloric and Nitric Acid Solutions. Inorganic Chemistry, 2009, 48, 7201-7210. | 4.0 | 78 |
| 92 | The role of aspartyl-rich pentapeptides in comparative complexation of actinide(iv) and iron(iii). Part 1. New Journal of Chemistry, 2009, 33, 976. | 2.8 | 16 |
| 93 | A comparative study of actinide complexation in three ligand systems with increasing complexity. Journal of Physics: Conference Series, 2009, 190, 012185. | 0.4 | 2 |
| 94 | The relationship of monodentate and bidentate coordinated uranium(VI) sulfate in aqueous solution. Radiochimica Acta, 2008, 96, 607-611. | 1.2 | 31 |
| 95 | Coordination of a Uranium(IV) Sulfate Monomer in an Aqueous Solution and in the Solid State. Inorganic Chemistry, 2008, 47, 1634-1638. | 4.0 | 38 |
| 96 | Electrochemical and Complexation Behavior of Neptunium in Aqueous Perchlorate and Nitrate Solutions. Inorganic Chemistry, 2008, 47, 8294-8305. | 4.0 | 90 |
| 97 | Species Distribution and Coordination of Uranyl Chloro Complexes in Acetonitrile. Inorganic Chemistry, 2008, 47, 2987-2993. | 4.0 | 43 |
| 98 | Structural Determination of Individual Chemical Species in a Mixed System by Iterative Transformation Factor Analysis-Based X-ray Absorption Spectroscopy Combined with UVâ^'Visible Absorption and Quantum Chemical Calculation. Analytical Chemistry, 2008, 80, 1102-1110. | 6.5 | 28 |
| 99 | display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:mi>p</mml:mi></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:math>electrons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>L</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>-edge | 3.2 | 8 |
| 100 | Evidence for double-electron excitations in theL3-edge x-ray absorption spectra of actinides. Physical Review B, 2007, 75, . | 3.2 | 48 |
| 101 | Molecular Characterization of Actinide Oxocations from Protactinium to Plutonium. AIP Conference Proceedings, 2007, , . | 0.4 | 1 |
| 102 | XAS study of (U1â^'yPuy)O2 solid solutions. Journal of Alloys and Compounds, 2007, 444-445, 410-414. | 5.5 | 66 |
| 103 | Comparative Study of Uranyl(VI) and -(V) Carbonato Complexes in an Aqueous Solution. Inorganic Chemistry, 2007, 46, 4212-4219. | 4.0 | 137 |
| 104 | EXAFS Investigation of U(VI), U(IV), and Th(IV) Sulfato Complexes in Aqueous Solution. Inorganic Chemistry, 2007, 46, 5882-5892. | 4.0 | 114 |
| 105 | Dissolution of UO2, UO3 and of some lanthanide oxides in BumimTf2N: effect of acid and water and formation of UO2(NO3)3â€“. Dalton Transactions, 2007, , 4214. | 3.3 | 55 |
| 106 | Uranyl Coordination in Ionic Liquids:Â The Competition between Ionic Liquid Anions, Uranyl Counterions, and Cl-Anions Investigated by Extended X-ray Absorption Fine Structure and UVâ^'Visible Spectroscopies and Molecular Dynamics Simulations. Inorganic Chemistry, 2007, 46, 4815-4826. | 4.0 | 87 |
| 107 | Speciation of Uranyl Nitrato Complexes in Acetonitrile and in the Ionic Liquid 1â€Butylâ€3â€methylimidazolium Bis(trifluoromethylsulfonyl)imide. European Journal of Inorganic Chemistry, 2007, 2007, 5120-5126. | 2.0 | 57 |
| 108 | Spectroscopic characterization of gold nanoparticles formed by cells and S-layer protein of Bacillus sphaericus JG-A12. Materials Science and Engineering C, 2007, 27, 188-192. | 7.3 | 26 |

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| 109 | Structural and spectroscopic studies of the complex [BuMeIm]2[UCl6] in the solid state and in hydrophobic room temperature ionic liquid [BuMeIm][Tf2N]. Polyhedron, 2007, 26, 3136-3142. | 2.2 | 46 |
| 110 | Microbacterium isolates from the vicinity of a radioactive waste depository and their interactions with uranium. FEMS Microbiology Ecology, 2007, 59, 694-705. | 2.7 | 104 |
| 111 | Combining theoretical chemistry and XANES multi-edge experiments to probe actinide valence states. Comptes Rendus Chimie, 2007, 10, 859-871. | 0.5 | 37 |
| 112 | Sorption of Am(III) onto 6-Line-Ferrihydrite and Its Alteration Products:Â Investigations by EXAFS. Environmental Science & Technology, 2006, 40, 3522-3528. | 10.0 | 45 |
| 113 | Secondary Structure and Pd(II) Coordination in S-Layer Proteins from Bacillus sphaericus Studied by Infrared and X-Ray Absorption Spectroscopy. Biophysical Journal, 2006, 91, 996-1007. | 0.5 | 75 |
| 114 | Manufacturing and characterization of Pd nanoparticles formed on immobilized bacterial cells. Letters in Applied Microbiology, 2006, 43, 39-45. | 2.2 | 26 |
| 115 | Enhancing cerium and plutonium solubility by reduction in borosilicate glass. Journal of Nuclear Materials, 2006, 352, 182-189. | 2.7 | 40 |
| 116 | Plutonium incorporation in phosphate and titanate ceramics for minor actinide containment. Journal of Nuclear Materials, 2006, 352, 233-240. | 2.7 | 59 |
| 117 | Comparison of complexed species of Eu in alumina-bound and free polyacrylic acid: A spectroscopic study. Journal of Colloid and Interface Science, 2006, 300, 482-490. | 9.4 | 20 |
| 118 | Interaction mechanisms of bacterial strains isolated from extreme habitats with uranium. Radiochimica Acta, 2006, 94, 723-729. | 1.2 | 54 |
| 119 | The interaction of Desulfovibrio ÃspÃ¶ensis DSM 10631T with plutonium. Radiochimica Acta, 2006, 94, 815-824. | 1.2 | 14 |
| 120 | Speciation of technetium and rhenium complexes by in situ XAS-electrochemistry. Radiochimica Acta, 2006, 94, 283-289. | 1.2 | 26 |
| 121 | Uranyl Complexation in Fluorinated Acids (HF, HBF4, HPF6, HTf2N): A Combined Experimental and Theoretical Study.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 122 | Complexation of Uranium by Cells and S-Layer Sheets of Bacillus sphaericus JG-A12. Applied and Environmental Microbiology, 2005, 71, 5532-5543. | 3.1 | 246 |
| 123 | Combining EXAFS and XRay Powder Diffraction to Solve Structures Containing Heavy Atoms. Physica Scripta, 2005, , 352. | 2.5 | 1 |
| 124 | Uranyl Complexation in Fluorinated Acids (HF, HBF4, HPF6, HTf2N):Â A Combined Experimental and Theoretical Study. Inorganic Chemistry, 2005, 44, 852-861. | 4.0 | 39 |
| 125 | Comparative EXAFS Investigation of Uranium(VI) and -(IV) Aquo Chloro Complexes in Solution Using a Newly Developed Spectroelectrochemical Cell. Inorganic Chemistry, 2005, 44, 6655-6661. | 4.0 | 125 |
| 126 | Structure of [UO2Cl4]2-in Acetonitrile. Inorganic Chemistry, 2005, 44, 7705-7707. | 4.0 | 38 |

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| 127 | First Structural Characterization of a Protactinium(V) Single Oxo Bond in Aqueous Media. Inorganic Chemistry, 2005, 44, 9542-9546. | 4.0 | 48 |
| 128 | X-ray absorption spectroscopy studies of reactions of technetium, uranium and neptunium with mackinawite. Journal of Environmental Radioactivity, 2004, 74, 211-219. | 1.7 | 103 |
| 129 | Evidence for the Interaction of Technetium Colloids with Humic Substances by X-ray Absorption Spectroscopy. Environmental Science & Technology, 2004, 38, 2044-2051. | 10.0 | 74 |
| 130 | An EXAFS and TRLFS study of the sorption of trivalent actinides onto smectite and kaolinite. Radiochimica Acta, 2004, 92, . | 1.2 | 108 |
| 131 | A XAS study of the local environments of cations in (U, Ce)O2. Journal of Nuclear Materials, 2003, 312, 103-110. | 2.7 | 40 |
| 132 | Characterization of U(VI)-Acidithiobacillus ferrooxidans complexes using EXAFS, transmission electron microscopy, and energy-dispersive X-ray analysis. Radiochimica Acta, 2003, 91, 583-592. | 1.2 | 73 |
| 133 | EXAFS and XRD investigations of zeunerite and meta-zeunerite. Zeitschrift Fur Kristallographie - Crystalline Materials, 2003, 218, 37-45. | 0.8 | 17 |
| 134 | Structure of uranium sorption complexes at montmorillonite edge sites. Radiochimica Acta, 2002, 90, 653-657. | 1.2 | 118 |
| 135 | Molecular and atomic analysis of uranium complexes formed by three eco-types of Acidithiobacillus ferrooxidans. Biochemical Society Transactions, 2002, 30, 669-672. | 3.4 | 27 |
| 136 | An X-ray Absorption Spectroscopy Study of Neptunium(V) Reactions with Mackinawite (FeS). Environmental Science & Technology, 2002, 36, 179-183. | 10.0 | 64 |
| 137 | The colloid chemistry of acid rock drainage solution from an abandoned Znâ€“Pbâ€“Ag mine. Applied Geochemistry, 2002, 17, 633-648. | 3.0 | 61 |
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| 139 | EXAFS as a tool for bond-length determination in the environment of heavy atoms. Journal of Synchrotron Radiation, 2001, 8, 695-697. | 2.4 | 10 |
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