

Marinella Mazzanti

List of Publications by Year in descending order

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181
papers

8,408
citations

26567

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66788

78
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196
docs citations

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times ranked

5307
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Structure, reactivity and luminescence studies of triphenylsiloxide complexes of tetravalent lanthanides. <i>Chemical Science</i> , 2022, 13, 681-691. | 3.7 | 12 |
| 2 | Reactivity of Multimetallic Thorium Nitrides Generated by Reduction of Thorium Azides. <i>Journal of the American Chemical Society</i> , 2022, 144, 3222-3232. | 6.6 | 11 |
| 3 | Heterometallic uranium/molybdenum nitride synthesis <i>via</i> partial N-atom transfer. <i>Chemical Communications</i> , 2022, 58, 4655-4658. | 2.2 | 5 |
| 4 | Structure and Reactivity of Polynuclear Divalent Lanthanide Disiloxanediolate Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 7436-7447. | 1.9 | 3 |
| 5 | Nitrogen activation and cleavage by a multimetallic uranium complex. <i>Chemical Science</i> , 2022, 13, 8025-8035. | 3.7 | 10 |
| 6 | Design Principles for the Development of Gd(III) Polarizing Agents for Magic Angle Spinning Dynamic Nuclear Polarization. <i>Journal of Physical Chemistry C</i> , 2022, 126, 11310-11317. | 1.5 | 10 |
| 7 | Delivery of a Masked Uranium(II) by an Oxide-Bridged Diuranium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3737-3744. | 7.2 | 21 |
| 8 | Delivery of a Masked Uranium(II) by an Oxide-Bridged Diuranium(III) Complex. <i>Angewandte Chemie</i> , 2021, 133, 3781-3788. | 1.6 | 0 |
| 9 | Synthesis, structure, and reactivity of uranium nitrides. <i>Chemical Science</i> , 2021, 12, 8096-8104. | 3.7 | 18 |
| 10 | Biological Reduction of a U(V)-Organic Ligand Complex. <i>Environmental Science & Technology</i> , 2021, 55, 4753-4761. | 4.6 | 16 |
| 11 | Synthesis and Characterization of Water Stable Uranyl(V) Complexes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8227-8235. | 7.2 | 21 |
| 12 | Synthesis and Characterization of Water Stable Uranyl(V) Complexes. <i>Angewandte Chemie</i> , 2021, 133, 8308-8316. | 1.6 | 1 |
| 13 | Stepwise Reduction of Dinitrogen by a Uranium-Potassium Complex Yielding a U(VI)/U(IV) Tetranitride Cluster. <i>Journal of the American Chemical Society</i> , 2021, 143, 11225-11234. | 6.6 | 23 |
| 14 | Nitride protonation and NH ₃ binding <i>versus</i> N-H bond cleavage in uranium nitrides. <i>Chemical Science</i> , 2021, 12, 12610-12618. | 3.7 | 5 |
| 15 | Single metal four-electron reduction by U and masked U-compounds. <i>Chemical Science</i> , 2021, 12, 6153-6158. | 3.7 | 26 |
| 16 | Anhydrous Conditions Enable the Catalyst-Free Carboxylation of Aromatic Alkynes with CO ₂ under Mild Conditions. <i>Helvetica Chimica Acta</i> , 2020, 103, e1900258. | 1.0 | 3 |
| 17 | Stabilization of the Oxidation State +IV in Siloxide-Supported Terbium Compounds. <i>Angewandte Chemie</i> , 2020, 132, 3577-3581. | 1.6 | 5 |
| 18 | Stabilization of the Oxidation State +IV in Siloxide-Supported Terbium Compounds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3549-3553. | 7.2 | 53 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Photochemical Synthesis of a Stable Terminal Uranium(VI) Nitride. <i>Journal of the American Chemical Society</i> , 2020, 142, 19047-19051. | 6.6 | 27 |
| 20 | Carbon dioxide reduction by lanthanide(III) complexes supported by redox-active Schiff base ligands. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3598-3608. | 3.0 | 3 |
| 21 | Assembly of High-Spin [Fe ³⁺] Clusters by Ligand-Based Multielectron Reduction. <i>Journal of the American Chemical Society</i> , 2020, 142, 7301-7305. | 6.6 | 10 |
| 22 | Accessing the +IV Oxidation State in Molecular Complexes of Praseodymium. <i>Journal of the American Chemical Society</i> , 2020, 142, 5538-5542. | 6.6 | 70 |
| 23 | Structure and small molecule activation reactivity of a metallasilsesquioxane of divalent ytterbium. <i>Chemical Communications</i> , 2020, 56, 8936-8939. | 2.2 | 22 |
| 24 | Carbon Dioxide Reduction by Multimetallic Uranium(IV) Complexes Supported by Redox-Active Schiff Base Ligands. <i>Organometallics</i> , 2020, 39, 1590-1601. | 1.1 | 18 |
| 25 | Ligand-Supported Facile Conversion of Uranyl(VI) into Uranium(IV) in Organic and Aqueous Media. <i>Angewandte Chemie</i> , 2020, 132, 6822-6825. | 1.6 | 6 |
| 26 | C-H Bond Activation by an Isolated Dinuclear U(III)/U(IV) Nitride. <i>Journal of the American Chemical Society</i> , 2020, 142, 3149-3157. | 6.6 | 31 |
| 27 | Ligand-Supported Facile Conversion of Uranyl(VI) into Uranium(IV) in Organic and Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6756-6759. | 7.2 | 19 |
| 28 | Tuning the structure, reactivity and magnetic communication of nitride-bridged uranium complexes with the ancillary ligands. <i>Chemical Science</i> , 2019, 10, 8840-8849. | 3.7 | 26 |
| 29 | Theoretical Investigation of the Electronic Structure and Magnetic Properties of Oxo-Bridged Uranyl(V) Dinuclear and Trinuclear Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 10097-10110. | 1.9 | 14 |
| 30 | A Factor Two Improvement in High-Field Dynamic Nuclear Polarization from Gd(III) Complexes by Design. <i>Journal of the American Chemical Society</i> , 2019, 141, 8746-8751. | 6.6 | 28 |
| 31 | Molecular Complex of Tb in the +4 Oxidation State. <i>Journal of the American Chemical Society</i> , 2019, 141, 9827-9831. | 6.6 | 82 |
| 32 | CO ₂ and CO/H ₂ Conversion to Methoxide by a Uranium(IV) Hydride. <i>Journal of the American Chemical Society</i> , 2019, 141, 9570-9577. | 6.6 | 25 |
| 33 | Frontispiz: Structural Snapshots of Cluster Growth from {U ₆ } to {U ₃₈ } During the Hydrolysis of UCl ₄ . <i>Angewandte Chemie</i> , 2019, 131, . | 1.6 | 0 |
| 34 | Facile N-functionalization and strong magnetic communication in a diuranium(ν) bis-nitride complex. <i>Chemical Science</i> , 2019, 10, 3543-3555. | 3.7 | 34 |
| 35 | A complete series of uranium(IV) complexes with terminal hydrochalcogenido (EH) and chalcogenido (E) ligands E = O, S, Se, Te. <i>Dalton Transactions</i> , 2019, 48, 10853-10864. | 1.6 | 17 |
| 36 | Carbon dioxide reduction by dinuclear Yb(II) and Sm(II) complexes supported by siloxide ligands. <i>Dalton Transactions</i> , 2019, 48, 6100-6110. | 1.6 | 29 |

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|----|--|-----|-----------|
| 37 | CS 2 Reductive Coupling to Acetylenedithiolate by a Dinuclear Ytterbium(II) Complex. Chemistry - A European Journal, 2019, 25, 7831-7834. | 1.7 | 12 |
| 38 | Frontispiece: Structural Snapshots of Cluster Growth from {U ₆ } to {U ₃₈ } During the Hydrolysis of UCl ₄ . Angewandte Chemie - International Edition, 2019, 58, . | 7.2 | 0 |
| 39 | Small molecule activation by multimetallic uranium complexes supported by siloxide ligands. Chemical Communications, 2019, 55, 13031-13047. | 2.2 | 26 |
| 40 | Structural Snapshots of Cluster Growth from {U ₆ } to {U ₃₈ } During the Hydrolysis of UCl ₄ . Angewandte Chemie - International Edition, 2019, 58, 3021-3026. | 7.2 | 29 |
| 41 | The role of bridging ligands in dinitrogen reduction and functionalization by uranium multimetallic complexes. Nature Chemistry, 2019, 11, 154-160. | 6.6 | 100 |
| 42 | Structural Snapshots of Cluster Growth from {U ₆ } to {U ₃₈ } During the Hydrolysis of UCl ₄ . Angewandte Chemie, 2019, 131, 3053-3058. | 1.6 | 5 |
| 43 | The secret is in the ring. Nature Chemistry, 2018, 10, 247-249. | 6.6 | 5 |
| 44 | Reversible Dihydrogen Activation and Hydride Transfer by a Uranium Nitride Complex. Angewandte Chemie, 2018, 130, 3759-3762. | 1.6 | 5 |
| 45 | Reversible Dihydrogen Activation and Hydride Transfer by a Uranium Nitride Complex. Angewandte Chemie - International Edition, 2018, 57, 3697-3700. | 7.2 | 51 |
| 46 | Synthesis and Characterization of a Water Stable Uranyl(V) Complex. Journal of the American Chemical Society, 2018, 140, 13554-13557. | 6.6 | 38 |
| 47 | New Talent: Europe, 2018. Dalton Transactions, 2018, 47, 10319-10319. | 1.6 | 2 |
| 48 | Four-electron Reduction and Functionalization of N ₂ by a Uranium(III) Bridging Nitride. Chimia, 2018, 72, 199-202. | 0.3 | 3 |
| 49 | A tetranuclear samarium(II) inverse sandwich from direct reduction of toluene by a samarium(II) siloxide. Chemical Communications, 2018, 54, 10268-10271. | 2.2 | 17 |
| 50 | The effect of iron binding on uranyl(V) stability. Chemical Science, 2018, 9, 7520-7527. | 3.7 | 19 |
| 51 | Synthesis and SMM behaviour of trinuclear versus dinuclear 3d ⁵ f ⁰ uranyl(IV)-cobalt(II) cation-cation complexes. Dalton Transactions, 2017, 46, 5498-5502. | 1.6 | 23 |
| 52 | Ligand and Metal Based Multielectron Redox Chemistry of Cobalt Supported by Tetradentate Schiff Bases. Journal of the American Chemical Society, 2017, 139, 8628-8638. | 6.6 | 38 |
| 53 | Reduction of a Cerium(III) Siloxide Complex To Afford a Quadruple-Decker Arene-Bridged Cerium(II) Sandwich. Angewandte Chemie - International Edition, 2017, 56, 15663-15666. | 7.2 | 54 |
| 54 | Reduction of a Cerium(III) Siloxide Complex To Afford a Quadruple-Decker Arene-Bridged Cerium(II) Sandwich. Angewandte Chemie, 2017, 129, 15869-15872. | 1.6 | 11 |

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|----|--|------|-----------|
| 55 | Nitrogen reduction and functionalization by a multimetallic uranium nitride complex. <i>Nature</i> , 2017, 547, 332-335. | 13.7 | 237 |
| 56 | A versatile route to homo- and hetero-bimetallic 5f ⁴ and 3d ⁴ complexes supported by a redox active ligand framework. <i>Dalton Transactions</i> , 2017, 46, 11145-11148. | 1.6 | 21 |
| 57 | CO Cleavage and CO ₂ Functionalization under Mild Conditions by a Multimetallic CsU ₂ Nitride Complex. <i>Chimia</i> , 2017, 71, 209-212. | 0.3 | 6 |
| 58 | Metathesis of a U ^V imido complex: a route to a terminal U ^V sulfide. <i>Chemical Science</i> , 2017, 8, 5319-5328. | 3.7 | 25 |
| 59 | Nucleophilic Reactivity of a Nitride-Bridged Diuranium(IV) Complex: CO ₂ and CS ₂ Functionalization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4074-4078. | 7.2 | 50 |
| 60 | Facile CO Cleavage by a Multimetallic CsU ₂ Nitride Complex. <i>Angewandte Chemie</i> , 2016, 128, 12478-12482. | 1.6 | 4 |
| 61 | Sensitisation of visible and NIR lanthanide emission by InPZnS quantum dots in bi-luminescent hybrids. <i>Chemical Communications</i> , 2016, 52, 4577-4580. | 2.2 | 22 |
| 62 | Facile CO Cleavage by a Multimetallic CsU ₂ Nitride Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12290-12294. | 7.2 | 45 |
| 63 | Isolation of a Star-Shaped Uranium(V/VI) Cluster from the Anaerobic Photochemical Reduction of Uranyl(VI). <i>Angewandte Chemie</i> , 2016, 128, 14537-14541. | 1.6 | 8 |
| 64 | Isolation of a Star-Shaped Uranium(V/VI) Cluster from the Anaerobic Photochemical Reduction of Uranyl(VI). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14325-14329. | 7.2 | 25 |
| 65 | Nucleophilic Reactivity of a Nitride-Bridged Diuranium(IV) Complex: CO ₂ and CS ₂ Functionalization. <i>Angewandte Chemie</i> , 2016, 128, 4142-4146. | 1.6 | 5 |
| 66 | Synthesis and reactivity of a terminal uranium(IV) sulfide supported by siloxide ligands. <i>Chemical Science</i> , 2016, 7, 5846-5856. | 3.7 | 23 |
| 67 | Uranium(IV) terminal hydrosulfido and sulfido complexes: insights into the nature of the uranium-sulfur bond. <i>Chemical Science</i> , 2016, 7, 5857-5866. | 3.7 | 34 |
| 68 | Synthesis and Structure of Nitride-Bridged Uranium(III) Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 1784-1787. | 6.6 | 59 |
| 69 | Versatile pyridine-2,6-bis-tetrazolate scaffolds for the formation of highly luminescent lanthanide complexes. <i>Dalton Transactions</i> , 2016, 45, 3429-3442. | 1.6 | 19 |
| 70 | Heterometallic Fe ₂ and Ni ₂ Exchange-Coupled Single-Molecule Magnets: Effect of the ³ d Ion on the Magnetic Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 18038-18042. | 1.7 | 24 |
| 71 | Lanthanide(II) Complexes Supported by N,O-Donor Tripodal Ligands: Synthesis, Structure, and Ligand-Dependent Redox Behavior. <i>Chemistry - A European Journal</i> , 2015, 21, 15188-15200. | 1.7 | 34 |
| 72 | Confinement of a tris-aqua Gd(III) complex in silica nanoparticles leads to high stability and high relaxivity and suppresses anion binding. <i>Chemical Communications</i> , 2015, 51, 6836-6838. | 2.2 | 13 |

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|----|---|-----|-----------|
| 73 | A zig-zag uranyl(U^{VI}) Mn^{II} single chain magnet with a high relaxation barrier. <i>Chemical Communications</i> , 2015, 51, 11309-11312. | 2.2 | 39 |
| 74 | Ferrocene-Based Tetradentate Schiff Bases as Supporting Ligands in Uranium Chemistry. <i>Inorganic Chemistry</i> , 2015, 54, 5774-5783. | 1.9 | 33 |
| 75 | CS_2 activation at uranium(U^{III}) siloxide ate complexes: the effect of a Lewis acidic site. <i>Dalton Transactions</i> , 2015, 44, 2650-2656. | 1.6 | 26 |
| 76 | CO_2 conversion to isocyanate via multiple $\text{N}=\text{Si}$ bond cleavage at a bulky uranium(U^{III}) complex. <i>Chemical Communications</i> , 2015, 51, 15454-15457. | 2.2 | 30 |
| 77 | Self-Assembly of a $3\text{d}^5\text{5f}$ Trinuclear Single-Molecule Magnet from a Pentavalent Uranyl Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13434-13438. | 7.2 | 63 |
| 78 | A Uranium-Based UO_2 Mn^{2+} Single-Chain Magnet Assembled through Cation-Cation Interactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 819-823. | 7.2 | 90 |
| 79 | Two-electron versus one-electron reduction of chalcogens by uranium(U^{III}): synthesis of a terminal U^{V} persulfide complex. <i>Chemical Science</i> , 2014, 5, 841-846. | 3.7 | 60 |
| 80 | Single-Molecule-Magnet Behavior in Mononuclear Homoleptic Tetrahedral Uranium(III) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 11809-11811. | 1.9 | 29 |
| 81 | Multimetallic Cooperativity in Uranium-Mediated CO_2 Activation. <i>Journal of the American Chemical Society</i> , 2014, 136, 6716-6723. | 6.6 | 113 |
| 82 | Tuning Lanthanide Reactivity Towards Small Molecules with Electron-Rich Siloxide Ligands. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10448-10452. | 7.2 | 53 |
| 83 | Tuning Uranium-Nitrogen Multiple Bond Formation with Ancillary Siloxide Ligands. <i>Journal of the American Chemical Society</i> , 2013, 135, 12101-12111. | 6.6 | 139 |
| 84 | Multicolour Optical Coding from a Series of Luminescent Lanthanide Complexes with a Unique Antenna. <i>Chemistry - A European Journal</i> , 2013, 19, 3477-3482. | 1.7 | 68 |
| 85 | Lanthanide Complexes Based on $\hat{\text{I}}^2$ -Diketonates and a Tetradentate Chromophore Highly Luminescent as Powders and in Polymers. <i>Inorganic Chemistry</i> , 2013, 52, 14382-14390. | 1.9 | 94 |
| 86 | Crystal structure diversity in the bis[hydrotris(3,5-dimethylpyrazolyl)borate]iodouranium(III) complex: from neutral to cationic forms. <i>Dalton Transactions</i> , 2013, 42, 8861. | 1.6 | 26 |
| 87 | Optimizing the relaxivity of Gd^{III} complexes appended to InP/ZnS quantum dots by linker tuning. <i>Dalton Transactions</i> , 2013, 42, 8197. | 1.6 | 26 |
| 88 | A Gadolinium Complex Confined in Silica Nanoparticles as a Highly Efficient Tb^{III} MRI Contrast Agent. <i>Chemistry - A European Journal</i> , 2013, 19, 6980-6983. | 1.7 | 46 |
| 89 | Synthesis of Electron-Rich Uranium(IV) Complexes Supported by Tridentate Schiff Base Ligands and Their Multi-Electron Redox Chemistry. <i>Inorganic Chemistry</i> , 2013, 52, 7078-7086. | 1.9 | 39 |
| 90 | Diamine Bis(phenolate) as Supporting Ligands in Organoactinide(IV) Chemistry. Synthesis, Structural Characterization, and Reactivity of Stable Dialkyl Derivatives. <i>Organometallics</i> , 2013, 32, 1409-1422. | 1.1 | 38 |

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|-----|--|-----|-----------|
| 91 | Controlled Thermolysis of Uranium (Alkoxy)siloxy Complexes: A Route to Polymetallic Complexes of Low-Valent Uranium. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12646-12650. | 7.2 | 23 |
| 92 | Radioactive Europium-Chelate-Based Silica Nanoparticles as a Probe for Stability, Incorporation Efficiency and Trace Analysis. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1493-1498. | 1.0 | 7 |
| 93 | Cation-Mediated Conversion of the State of Charge in Uranium Arene Inverted-Sandwich Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 17528-17540. | 1.7 | 51 |
| 94 | Uranium and manganese assembled in a wheel-shaped nanoscale single-molecule magnet with high spin-reversal barrier. <i>Nature Chemistry</i> , 2012, 4, 1011-1017. | 6.6 | 176 |
| 95 | New polynuclear U(IV)-U(V) complexes from U(IV) mediated uranyl(V) disproportionation. <i>Chemical Communications</i> , 2012, 48, 868-870. | 2.2 | 60 |
| 96 | Siloxides as Supporting Ligands in Uranium(III)-Mediated Small-Molecule Activation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12280-12284. | 7.2 | 141 |
| 97 | Highly relaxing gadolinium based MRI contrast agents responsive to Mg ²⁺ sensing. <i>Chemical Communications</i> , 2012, 48, 4085. | 2.2 | 28 |
| 98 | Multielectron redox chemistry of lanthanide Schiff-base complexes. <i>Chemical Science</i> , 2012, 3, 2433-2448. | 3.7 | 72 |
| 99 | Single-ion magnet behaviour in [U(TpMe ₂) ₂]. <i>Dalton Transactions</i> , 2012, 41, 13568. | 1.6 | 97 |
| 100 | Self-assembly of highly luminescent lanthanide complexes promoted by pyridine-tetrazolate ligands. <i>Dalton Transactions</i> , 2012, 41, 1268-1277. | 1.6 | 62 |
| 101 | Magnetic communication and reactivity of a stable homometallic cation-cation trimer of pentavalent uranyl. <i>Chemical Science</i> , 2012, 3, 1075. | 3.7 | 66 |
| 102 | A tetrameric neptunyl(V) cluster supported by a Schiff base ligand. <i>Dalton Transactions</i> , 2012, 41, 10900. | 1.6 | 30 |
| 103 | Metal-Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence of a Chiral Heptanuclear Europium Wheel. <i>Journal of the American Chemical Society</i> , 2012, 134, 8372-8375. | 6.6 | 111 |
| 104 | New Bisqua Picolinate-Based Gadolinium Complexes as MRI Contrast Agents with Substantial High-Field Relaxivities. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2049-2061. | 1.0 | 30 |
| 105 | A versatile precursor for non-aqueous neptunyl(V) chemistry. <i>Chemical Communications</i> , 2011, 47, 5497-5499. | 2.2 | 11 |
| 106 | Cell-Permeable Ln(III) Chelate-Functionalized InP Quantum Dots As Multimodal Imaging Agents. <i>ACS Nano</i> , 2011, 5, 8193-8201. | 7.3 | 87 |
| 107 | High Relaxivity and Stability of a Hydroxyquinolate-Based Tripodal Monoaquagadolinium Complex for Use as a Bimodal MRI/Optical Imaging Agent. <i>Inorganic Chemistry</i> , 2011, 50, 7943-7945. | 1.9 | 34 |
| 108 | [U(Tp ^{Me₂}) ₂ (bipy)] ⁺ : A Cationic Uranium(III) Complex with Single-Molecule-Magnet Behavior. <i>Inorganic Chemistry</i> , 2011, 50, 9915-9917. | 1.9 | 119 |

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|-----|--|-----|-----------|
| 109 | Phosphorescent Binuclear Iridium Complexes Based on Terpyridine- α -Carboxylate: An Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2011, 50, 8197-8206. | 1.9 | 42 |
| 110 | Uranium memory. <i>Nature Chemistry</i> , 2011, 3, 426-427. | 6.6 | 15 |
| 111 | Base-Driven Assembly of Large Uranium Oxo/Hydroxo Clusters. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5745-5748. | 7.2 | 70 |
| 112 | Diastereoselective Self-Assembly of a Homochiral Europium Triangle from a Bipyrroxazoline- β -Carboxylate Ligand. <i>Chemistry - A European Journal</i> , 2010, 16, 6159-6163. | 1.7 | 34 |
| 113 | Cation-Cation Complexes of Pentavalent Uranyl: From Disproportionation Intermediates to Stable Clusters. <i>Chemistry - A European Journal</i> , 2010, 16, 14365-14377. | 1.7 | 69 |
| 114 | Modulation of the unpaired spin localization in Pentavalent Uranyl Complexes. <i>Comptes Rendus Chimie</i> , 2010, 13, 876-883. | 0.2 | 6 |
| 115 | Multielectron Redox Reactions Involving C-C Coupling and Cleavage in Uranium Schiff Base Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 17374-17377. | 6.6 | 65 |
| 116 | Synthesis, Structure, and Bonding of Stable Complexes of Pentavalent Uranyl. <i>Journal of the American Chemical Society</i> , 2010, 132, 495-508. | 6.6 | 147 |
| 117 | Highly stable and soluble bis-aqua Gd, Nd, Yb complexes as potential bimodal MRI/NIR imaging agents. <i>Dalton Transactions</i> , 2010, 39, 9490. | 1.6 | 40 |
| 118 | New insights into the acid mediated disproportionation of pentavalent uranyl. <i>Chemical Communications</i> , 2010, 46, 8648. | 2.2 | 63 |
| 119 | Ligand assisted cleavage of uranium oxo-clusters. <i>Chemical Communications</i> , 2010, 46, 2757. | 2.2 | 42 |
| 120 | Lanthanide-chelate silica nanospheres as robust multicolor Vis-NIR tags. <i>Chemical Communications</i> , 2010, 46, 2647. | 2.2 | 24 |
| 121 | Structural and photophysical properties of trianionic nine-coordinated near-IR emitting 8-hydroxyquinoline-based complexes. <i>Dalton Transactions</i> , 2010, 39, 9112. | 1.6 | 50 |
| 122 | Lanthanide-Based Coordination Polymers Assembled by a Flexible Multidentate Linker: Design, Structure, Photophysical Properties, and Dynamic Solid-State Behavior. <i>Chemistry - A European Journal</i> , 2009, 15, 5273-5288. | 1.7 | 59 |
| 123 | Remarkable Tuning of the Coordination and Photophysical Properties of Lanthanide Ions in a Series of Tetrazole-Based Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 9458-9476. | 1.7 | 112 |
| 124 | Water Stability and Luminescence of Lanthanide Complexes of Tripodal Ligands Derived from 1,4,7-Triazacyclononane: Pyridinecarboxamide versus Pyridinecarboxylate Donors. <i>Helvetica Chimica Acta</i> , 2009, 92, 2257-2273. | 1.0 | 65 |
| 125 | Innenteilbild: Stable Pentavalent Uranyl Species and Selective Assembly of a Polymetallic Mixed-Valent Uranyl Complex by Cation-Cation Interactions (<i>Angew. Chem.</i> 45/2009). <i>Angewandte Chemie</i> , 2009, 121, 8532-8532. | 1.6 | 1 |
| 126 | Stable Pentavalent Uranyl Species and Selective Assembly of a Polymetallic Mixed-Valent Uranyl Complex by Cation-Cation Interactions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8477-8480. | 7.2 | 108 |

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|-----|--|-----|-----------|
| 127 | Structural and Photophysical Studies of Highly Stable Lanthanide Complexes of Tripodal 8-Hydroxyquinolate Ligands Based on 1,4,7-Triazacyclononane. <i>Inorganic Chemistry</i> , 2009, 48, 4207-4218. | 1.9 | 80 |
| 128 | Gadolinium(III) complexes of 1,4,7-triazacyclononane based picolinate ligands: simultaneous optimization of water exchange kinetics and electronic relaxation. <i>Dalton Transactions</i> , 2009, , 8033. | 1.6 | 42 |
| 129 | Pentavalent uranyl stabilized by a dianionic bulky tetradentate ligand. <i>Chemical Communications</i> , 2009, , 1843. | 2.2 | 58 |
| 130 | A Nitrido-Centered Uranium Azido Cluster Obtained from a Uranium Azide. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3040-3042. | 7.2 | 110 |
| 131 | Efficient Sensitization of Lanthanide Luminescence by Tetrazole-Based Polydentate Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 3952-3954. | 1.9 | 89 |
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