

Radu Custelcean

List of Publications by Year in descending order

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117
papers

7,067
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138
all docs

138
docs citations

138
times ranked

7348
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dihydrogen Bonding: Structures, Energetics, and Dynamics. Chemical Reviews, 2001, 101, 1963-1980. | 23.0 | 600 |
| 2 | Anion Separation with Metal-Organic Frameworks. European Journal of Inorganic Chemistry, 2007, 2007, 1321-1340. | 1.0 | 341 |
| 3 | Direct evidence of a zig-zag spin-chain structure in the honeycomb lattice: A neutron and x-ray diffraction investigation of single-crystal Na ₂ IrO ₂ . Physical Review B, 2012, 85, . | 1.1 | 318 |
| 4 | Crystal engineering with urea and thiourea hydrogen-bonding groups. Chemical Communications, 2008, , 295-307. | 2.2 | 294 |
| 5 | Formation of Extended Tapes of Cyclic Water Hexamers in an Organic Molecular Crystal Host. Angewandte Chemie - International Edition, 2000, 39, 3094-3096. | 7.2 | 264 |
| 6 | Calix[4]pyrrole: An Old yet New Ion-Pair Receptor. Angewandte Chemie - International Edition, 2005, 44, 2537-2542. | 7.2 | 255 |
| 7 | Anion encapsulation and dynamics in self-assembled coordination cages. Chemical Society Reviews, 2014, 43, 1813-1824. | 18.7 | 226 |
| 8 | Urea-Functionalized M ₄ L ₆ Cage Receptors: Anion-Templated Self-Assembly and Selective Guest Exchange in Aqueous Solutions. Journal of the American Chemical Society, 2012, 134, 8525-8534. | 6.6 | 217 |
| 9 | A Metal-Organic Framework Functionalized with Free Carboxylic Acid Sites and Its Selective Binding of a Cl(H ₂ O) ₄ -Cluster. Journal of the American Chemical Society, 2005, 127, 16362-16363. | 6.6 | 208 |
| 10 | Computer-Aided Design of a Sulfate-Encapsulating Receptor. Angewandte Chemie - International Edition, 2009, 48, 4025-4029. | 7.2 | 189 |
| 11 | Sulfate Recognition by Persistent Crystalline Capsules with Rigidified Hydrogen-Bonding Cavities. Angewandte Chemie - International Edition, 2008, 47, 1866-1870. | 7.2 | 179 |
| 12 | How Amidoximate Binds the Uranyl Cation. Inorganic Chemistry, 2012, 51, 3855-3859. | 1.9 | 175 |
| 13 | A coordinatively saturated sulfate encapsulated in a metal-organic framework functionalized with urea hydrogen-bonding groups. Chemical Communications, 2005, , 5971. | 2.2 | 168 |
| 14 | Anions in crystal engineering. Chemical Society Reviews, 2010, 39, 3675. | 18.7 | 160 |
| 15 | Direct air capture of CO ₂ via aqueous-phase absorption and crystalline-phase release using concentrated solar power. Nature Energy, 2018, 3, 553-559. | 19.8 | 140 |
| 16 | A Case for Molecular Recognition in Nuclear Separations: Sulfate Separation from Nuclear Wastes. Inorganic Chemistry, 2013, 52, 3473-3490. | 1.9 | 130 |
| 17 | Anion-Interactions in Crystal Structures: Commonplace or Extraordinary?. Crystal Growth and Design, 2009, 9, 2539-2545. | 1.4 | 123 |
| 18 | Selectivity Principles in Anion Separation by Crystallization of Hydrogen-Bonding Capsules. Journal of the American Chemical Society, 2010, 132, 7177-7185. | 6.6 | 114 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Urea-functionalized crystalline capsules for recognition and separation of tetrahedral oxoanions. <i>Chemical Communications</i> , 2013, 49, 2173. | 2.2 | 106 |
| 20 | Sulfate separation by selective crystallization of a urea-functionalized metal-organic framework. <i>Chemical Communications</i> , 2007, , 1541-1543. | 2.2 | 103 |
| 21 | Anion Coordination in Metal-Organic Frameworks Functionalized with Urea Hydrogen-Bonding Groups. <i>Crystal Growth and Design</i> , 2006, 6, 555-563. | 1.4 | 101 |
| 22 | Dihydrogen Bonding under High Pressure: A Raman Study of BH ₃ NH ₃ Molecular Crystal. <i>Journal of Physical Chemistry B</i> , 2003, 107, 9231-9235. | 1.2 | 92 |
| 23 | Anion Separation by Selective Crystallization of Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2006, 45, 6446-6452. | 1.9 | 90 |
| 24 | CO ₂ Capture from Ambient Air by Crystallization with a Guanidine Sorbent. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1042-1045. | 7.2 | 89 |
| 25 | Steric Control over Hydrogen Bonding in Crystalline Organic Solids: A Structural Study of N,N'-Dialkylthioureas. <i>Chemistry - A European Journal</i> , 2005, 11, 1459-1466. | 1.7 | 81 |
| 26 | Cyclic Imide Dioximes: Formation and Hydrolytic Stability. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 6619-6624. | 1.8 | 76 |
| 27 | Structure and Properties of Single Crystalline CaMg ₂ Bi ₂ , EuMg ₂ Bi ₂ , and YbMg ₂ Bi ₂ . <i>Inorganic Chemistry</i> , 2011, 50, 11127-11133. | 1.9 | 74 |
| 28 | Sulfate Separation from Aqueous Alkaline Solutions by Selective Crystallization of Alkali Metal Coordination Capsules. <i>Crystal Growth and Design</i> , 2011, 11, 2702-2706. | 1.4 | 66 |
| 29 | Highly soluble alkoxide magnesium salts for rechargeable magnesium batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 581-584. | 5.2 | 66 |
| 30 | Topochemical Control of Covalent Bond Formation by Dihydrogen Bonding. <i>Journal of the American Chemical Society</i> , 1998, 120, 12935-12941. | 6.6 | 65 |
| 31 | Bis-lactam-1,10-phenanthroline (BLPhen), a New Type of Preorganized Mixed N,O-Donor Ligand That Separates Am(III) over Eu(III) with Exceptionally High Efficiency. <i>Inorganic Chemistry</i> , 2017, 56, 5911-5917. | 1.9 | 64 |
| 32 | CO ₂ Capture via Crystalline Hydrogen-Bonded Bicarbonate Dimers. <i>CheM</i> , 2019, 5, 719-730. | 5.8 | 64 |
| 33 | Origin of the phase transition in IrTe ₂ : Structural modulation and local bonding instability. <i>Physical Review B</i> , 2013, 88, . | 1.1 | 62 |
| 34 | Hydrogen-Bonded Helices in Crystals with Prescribed Organization. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1724-1728. | 7.2 | 56 |
| 35 | Selective binding of choline by a phosphate-coordination-based triple helicate featuring an aromatic box. <i>Nature Communications</i> , 2017, 8, 938. | 5.8 | 56 |
| 36 | Selective Crystallization of Urea-Functionalized Capsules with Tunable Anion-Binding Cavities. <i>Crystal Growth and Design</i> , 2009, 9, 1985-1989. | 1.4 | 55 |

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|----|---|------|-----------|
| 37 | Tricyanovinyl-Substituted Oligothiophenes. <i>Chemistry of Materials</i> , 2003, 15, 616-618. | 3.2 | 53 |
| 38 | Hydrogen-Bonded Helices for Anion Binding and Separation. <i>Crystal Growth and Design</i> , 2008, 8, 1909-1915. | 1.4 | 50 |
| 39 | Properties of single crystalline Zn_2Sb_2 (Ca, Eu, Yb). <i>Journal of Applied Physics</i> , 2012, 111, 111101. | 1.1 | 50 |
| 40 | Direct Air Capture of CO_2 with Aqueous Amino Acids and Solid Bis-iminoguanidines (BIGs). <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 23338-23346. | 1.8 | 49 |
| 41 | Crystal Synthesis and Frustrated Magnetism in Triangular Lattice CsRE_2Se_2 ($\text{RE} = \text{Lu}$): Quantum Spin Liquid Candidates CsCeSe_2 and CsYbSe_2 . <i>Physical Review X</i> , 2020, 2, 011048. | | 49 |
| 42 | Aqueous Sulfate Separation by Crystallization of Sulfate-Water Clusters. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10525-10529. | 7.2 | 47 |
| 43 | Chiral Discrimination in Low-Density Hydrogen-Bonded Frameworks. <i>Crystal Growth and Design</i> , 2005, 5, 2277-2287. | 1.4 | 43 |
| 44 | Synthesis and Characterization of Lithium Bis(fluoromalonato)borate for Lithium-Ion Battery Applications. <i>Advanced Energy Materials</i> , 2014, 4, 1301368. | 10.2 | 43 |
| 45 | Supramolecular organization of calix[4]pyrrole with a methyl-trialkylammonium anion exchanger leads to remarkable reversal of selectivity for sulfate extraction vs. nitrate. <i>Chemical Communications</i> , 2011, 47, 7611. | 2.2 | 40 |
| 46 | Aqueous Sulfate Separation by Sequestration of $[(\text{SO}_4)_2(\text{H}_2\text{O})_4]^{4-}$ Clusters within Highly Insoluble Imine-Linked Bis-Guanidinium Crystals. <i>Chemistry - A European Journal</i> , 2016, 22, 1997-2003. of the antiferromagnetic and insulating states in Th-doped | 1.7 | 39 |
| 47 | $Sr_2\text{IrO}_4$ Physical Review B, 2015, 92, 041115. | 1.1 | 38 |
| 48 | Direct air capture of CO_2 via crystal engineering. <i>Chemical Science</i> , 2021, 12, 12518-12528. | 3.7 | 38 |
| 49 | Computer-Aided Design of Interpenetrated Tetrahydrofuran-Functionalized 3D Covalent Organic Frameworks for CO_2 Capture. <i>Crystal Growth and Design</i> , 2012, 12, 5349-5356. | 1.4 | 37 |
| 50 | Dihydrogen Phosphate Clusters: Trapping H_2PO_4^- Tetramers and Hexamers in Urea-Functionalized Molecular Crystals. <i>Crystal Growth and Design</i> , 2013, 13, 2233-2237. | 1.4 | 37 |
| 51 | Tuning Dihydrogen Bonds: Enhanced Solid-State Reactivity in a Dihydrogen-Bonded System with Exceptionally Short H...H Distances. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1661-1663. | 7.2 | 34 |
| 52 | Topochemical Dihydrogen to Covalent Bonding Transformation in $\text{LiBH}_4 \cdot \text{TEA}$: A Mechanistic Study. <i>Journal of the American Chemical Society</i> , 2000, 122, 5251-5257. | 6.6 | 32 |
| 53 | Nitrogen-doped porous aromatic frameworks for enhanced CO_2 adsorption. <i>Journal of Colloid and Interface Science</i> , 2015, 438, 191-195. | 5.0 | 32 |
| 54 | Toward Crystalline Covalent Solids: Crystal-to-Crystal Dihydrogen to Covalent Bonding Transformation in $\text{NaBH}_4 \cdot \text{THEC}$. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3299-3302. | 7.2 | 28 |

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| 55 | Ion separation by selective crystallization of organic frameworks. <i>Current Opinion in Solid State and Materials Science</i> , 2009, 13, 68-75. | 5.6 | 28 |
| 56 | Ion-pair triple helicates and mesocates self-assembled from ditopic 2,2'-bipyridine-bis(urea) ligands and Ni(ii) or Fe(ii) sulfate salts. <i>Chemical Communications</i> , 2012, 48, 7438. | 2.2 | 28 |
| 57 | Syntheses and Crystal Structures of 9-Acetyl- and 9-Cyano-1,2-dicarbadodecaborane: A Supramolecular Association in Carboranyl C-H Hydrogen-Bonded π -Networks. <i>Inorganic Chemistry</i> , 1999, 38, 4916-4919. | 1.9 | 27 |
| 58 | Thermodynamic, kinetic, and structural factors in the synthesis of imine-linked dynamic covalent frameworks. <i>Tetrahedron</i> , 2012, 68, 53-64. | 1.0 | 27 |
| 59 | Surprisingly selective sulfate extraction by a simple monofunctional di(imino)guanidinium micelle-forming anion receptor. <i>Chemical Communications</i> , 2018, 54, 10048-10051. | 2.2 | 27 |
| 60 | Crystalline hydrogen-bonded nanocolumns of cyclic thiourea octamers. <i>CrystEngComm</i> , 2007, 9, 452. | 1.3 | 25 |
| 61 | Synthesis, magnetization, and heat capacity of triangular lattice materials $\langle \text{NaErSe}_2 \rangle$ and $\langle \text{KErSe}_2 \rangle$. <i>Physical Review Materials</i> , 2018, 2, 031101. | 0.9 | 25 |
| 62 | Supramolecular Synthesis through Dihydrogen Bonds: Self-Assembly of Controlled Architectures from NaBH_4 -Poly(2-hydroxyethyl)cyclen Building Blocks. <i>Chemistry - A European Journal</i> , 2002, 8, 302-308. | 1.7 | 23 |
| 63 | Crystals for neutron scattering studies of quantum magnetism. <i>Philosophical Magazine</i> , 2012, 92, 2629-2647. | 0.7 | 23 |
| 64 | Dialing in Direct Air Capture of CO_2 by Crystal Engineering of Bisiminoguanidines. <i>ChemSusChem</i> , 2020, 13, 6381-6390. | 3.6 | 23 |
| 65 | Direct air capture of CO_2 with aqueous peptides and crystalline guanidines. <i>Cell Reports Physical Science</i> , 2021, 2, 100385. | 2.8 | 22 |
| 66 | Dynamic Chemistry of Anion Recognition. <i>Topics in Current Chemistry</i> , 2011, 322, 193-216. | 4.0 | 21 |
| 67 | Interplay between superconductivity and magnetism in FePdTe . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9283-9288. | 3.3 | 21 |
| 68 | CO_2 Capture from Ambient Air by Crystallization with a Guanidine Sorbent. <i>Angewandte Chemie</i> , 2017, 129, 1062-1065. | 1.6 | 21 |
| 69 | Sodium Sulfate Separation from Aqueous Alkaline Solutions via Crystalline Urea-Functionalized Capsules: Thermodynamics and Kinetics of Crystallization. <i>Crystal Growth and Design</i> , 2015, 15, 517-522. | 1.4 | 20 |
| 70 | Cerium Chloride-methanol Adduct Crystals, $\text{CeCl}_3(\text{CH}_3\text{OH})_4$: Preparation, Crystallography, and Scintillation Properties. <i>Crystal Growth and Design</i> , 2008, 8, 2070-2072. | 1.4 | 19 |
| 71 | Degradation of CYANEX 301 in Contact with Nitric Acid Media. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 13238-13244. | 1.8 | 19 |
| 72 | De Novo Structure-Based Design of Ion-Pair Triple-Stranded Helicates. <i>Inorganic Chemistry</i> , 2014, 53, 3893-3898. | 1.9 | 19 |

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|----|--|-----|-----------|
| 73 | Energy-Efficient CO ₂ Capture from Flue Gas by Absorption with Amino Acids and Crystallization with a Bis-Iminoguanidine. Industrial & Engineering Chemistry Research, 2019, 58, 10510-10515. | 1.8 | 19 |
| 74 | Protonation-assisted spontaneous resolution: formation of a homochiral 2D interpenetrated hydrogen-bonded network from 4,4'-bipyridine under highly acidic conditions. CrystEngComm, 2005, 7, 297-301. induced by interladder coupling in the spin-$\frac{1}{2}$ two-leg ladder antiferromagnet | 1.3 | 17 |
| 75 | induced by interladder coupling in the spin-$\frac{1}{2}$ two-leg ladder antiferromagnet | 1.1 | 17 |
| 76 | Iminoguanidines: from anion recognition and separation to carbon capture. Chemical Communications, 2020, 56, 10272-10280. | 2.2 | 16 |
| 77 | Carbon dioxide capture with aqueous amino acids: Mechanistic study of amino acid regeneration by guanidine crystallization and process intensification. Separation and Purification Technology, 2021, 271, 118839. | 3.9 | 16 |
| 78 | Mono-ionizable calix[4]arene-benzocrown-6 ligands in 1,3-alternate conformations: synthesis, structure and silver(I) extraction. Tetrahedron, 2009, 65, 7777-7783. | 1.0 | 15 |
| 79 | Structural modulation in K ₂ V ₃ O ₈ . Journal of Solid State Chemistry, 2007, 180, 812-817. | 1.4 | 12 |
| 80 | Oxidative degradation of bis(2,4,4-trimethylpentyl)dithiophosphinic acid in nitric acid studied by electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2012, 26, 2195-2203. | 0.7 | 12 |
| 81 | Structure and selectivity trends in crystalline urea-functionalised anion-binding capsules. Supramolecular Chemistry, 2012, 24, 65-71. | 1.5 | 12 |
| 82 | Single-crystal CeCl ₃ (CH ₃ OH) ₄ : A new metal-organic cerium chloride methanol adduct for scintillator applications. Applied Physics Letters, 2008, 93, . | 1.5 | 11 |
| 83 | Evolution of the nuclear and magnetic structures of TlFe _{1.6} Se ₂ with temperature. Physical Review B, 2012, 85, . | 1.1 | 11 |
| 84 | Direct air capture of CO ₂ – topological analysis of the experimental electron density (QTAIM) of the highly insoluble carbonate salt of a 2,6-pyridine-bis(iminoguanidine), (PyBIGH ₂)(CO ₃)(H ₂ O) ₄ . IUCr, 2019, 6, 56-65. | 1.0 | 11 |
| 85 | Mineral – Water Interface Structure of Xenotime (YPO ₄) {100}. Journal of Physical Chemistry C, 2018, 122, 20232-20243. | 1.5 | 10 |
| 86 | A conformationally persistent pseudo-bicyclic guanidinium for anion coordination as stabilized by dual intramolecular hydrogen bonds. RSC Advances, 2015, 5, 107266-107269. | 1.7 | 9 |
| 87 | Selective binding of (thio)sulfate and phosphate in water by quaternary ammonium functionalized oligo-ureas. Chemical Communications, 2019, 55, 1714-1717. | 2.2 | 9 |
| 88 | Synergistic direct air capture of CO ₂ with aqueous guanidine/amino acid solvents. MRS Advances, 2022, 7, 399-403. | 0.5 | 9 |
| 89 | A mechanistic study of a topochemical dihydrogen to covalent bonding transformation. Thermochimica Acta, 2002, 388, 143-150. | 1.2 | 8 |
| 90 | Synthesis and structural characterization of $\text{Dioxane} \cdot 2\text{H}_2\text{O}$ Metal-organic compound with Heisenberg antiferromagnetic $\text{Dioxane} \cdot 2\text{H}_2\text{O}$. Physical Review B, 2009, 80, . | | |

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|-----|---|-----|-----------|
| 91 | A New Scintillator for Fast Neutron Detection: Single-Crystal $\text{CeCl}_3 \cdot 7\text{H}_2\text{O}$. <i>Journal of Applied Physics</i> , 2019, 125, 174501. DOI: 10.1063/1.5081141 | 1.2 | 8 |
| 92 | $\text{Ce}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$ -meso-tetrahexyltetramethyl-calix[4]pyrrole: an easy-to-prepare, isomerically pure anion extractant with enhanced solubility in organic solvents. <i>Supramolecular Chemistry</i> , 2016, 28, 176-187. | 1.5 | 8 |
| 93 | Enhancing selectivity of cation exchange with anion receptors. <i>Chemical Communications</i> , 2019, 55, 3590-3593. | 2.2 | 8 |
| 94 | A Process Intensification Approach for CO ₂ Absorption Using Amino Acid Solutions and a Guanidine Compound. <i>Energies</i> , 2021, 14, 5821. | 1.6 | 8 |
| 95 | New Family of Cerium Halide Based Materials: $\text{CeX}_3 \cdot \text{ROH}$ Compounds Containing Planes, Chains, and Tetradecanuclear Rings. <i>Inorganic Chemistry</i> , 2012, 51, 10503-10511. | 1.9 | 6 |
| 96 | New crystal structural families of lanthanide chloride "Alcohol/water complexes. <i>Inorganica Chimica Acta</i> , 2012, 384, 23-28. | 1.2 | 6 |
| 97 | Crystal structure and thermal expansion of a CsCe_2Cl_7 scintillator. <i>Journal of Solid State Chemistry</i> , 2015, 227, 142-149. | 1.4 | 6 |
| 98 | Hybrid Absorption-Crystallization Strategies for the Direct Air Capture of CO ₂ Using Phase-Changing Guanidinium Bases: Insights from in Operando X-ray Scattering and Infrared Spectroscopy Measurements. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20953-20959. | 1.8 | 6 |
| 99 | Direct air capture with bis-iminoguanidines: From discovery to commercialization. <i>Chem</i> , 2021, 7, 2848-2852. | 5.8 | 6 |
| 100 | Structural Reinvestigation of Ammonium Hypophosphite: Was Dihydrogen Bonding Observed Long Ago?. <i>Inorganic Chemistry</i> , 2005, 44, 45-48. | 1.9 | 5 |
| 101 | New cerium-based metal-organic scintillators for radiation detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 703, 138-144. | 0.7 | 5 |
| 102 | Title is missing!. <i>Structural Chemistry</i> , 1999, 10, 303-310. | 1.0 | 4 |
| 103 | 3-Ethyl-6-methyl-isocytosines: Synthesis and Solid State Structural Analysis. <i>Tetrahedron</i> , 2000, 56, 5067-5075. | 1.0 | 4 |
| 104 | The observation of scintillation in a hydrated inorganic compound: $\text{CeCl}_3 \cdot 6\text{H}_2\text{O}$. <i>Applied Physics Letters</i> , 2013, 103, 141909. | 1.5 | 4 |
| 105 | Anomalous magneto-elastic and charge doping effects in thallium-doped BaFe_2As_2 . <i>Scientific Reports</i> , 2016, 6, 21660. | 1.6 | 4 |
| 106 | CO ₂ absorption from simulated flue gas in a bubble column. <i>Separation Science and Technology</i> , 2019, 54, 2034-2046. | 1.3 | 4 |
| 107 | Simulation of carbon dioxide absorption by amino acids in two-phase batch and bubble column reactors. <i>Separation Science and Technology</i> , 2019, 54, 2013-2025. | 1.3 | 3 |
| 108 | Synergistic Self-Assembly of Oxoanions and d-Block Metal Ions with Heteroditopic Receptors into Triple-Stranded Helicates. <i>Chemistry - A European Journal</i> , 2020, 26, 14290-14294. | 1.7 | 3 |

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|-----|--|-----|-----------|
| 109 | Structural and magnetic properties of the cobaltate series (BaSr) ₄ La ₂ Co ₂ . . . $\text{BaSr}_4\text{La}_2\text{Co}_2$ | 1.1 | 2 |
| 110 | A Photoresponsive Receptor with a 10 ⁵ Magnitude of Reversible Anion Binding Switching. Chemistry - A European Journal, 2022, , . | 1.7 | 2 |
| 111 | 2,2,3,3,11,11,12,12-Octamethyl-1,4,7,10,13-pentaoxacyclohexadecane: improved synthesis and crystal structure with NaSCN. Tetrahedron Letters, 2009, 50, 2936-2938. | 0.7 | 1 |
| 112 | Alkali metal cation complexation by 1,3-alternate, mono-ionisable calix[4]arene-benzocrown-6 compounds. Supramolecular Chemistry, 2015, 27, 59-64. | 1.5 | 1 |
| 113 | Reducing Atmospheric Carbon Dioxide Through Direct Air Capture. , 2021, , . | | 1 |
| 114 | Structural Reinvestigation of Ammonium Hypophosphite: Was Dihydrogen Bonding Observed Long Ago?. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 115 | Berichtigung: Aqueous Sulfate Separation by Crystallization of Sulfate-Water Clusters. Angewandte Chemie, 2016, 128, 1985-1985. | 1.6 | 0 |
| 116 | Sulfate Separation by Selective Crystallization with a Bis-iminoguanidinium Ligand. Journal of Visualized Experiments, 2016, , . | 0.2 | 0 |
| 117 | Anti-electrostatic hydrogen-bonded tellurate dimers captured and stabilized by crystallization of a bis-iminoguanidinium salt. Polyhedron, 2022, 223, 115990. | 1.0 | 0 |