

Weiting Yang

List of Publications by Year in descending order

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107
papers

4,489
citations

94269

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docs citations

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times ranked

3733
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Facile fabrication of melamine sponge@covalent organic framework composite for enhanced degradation of tetracycline under visible light. <i>Chemical Engineering Journal</i> , 2022, 430, 132817. | 6.6 | 46 |
| 2 | Polyoxometalate@ZIF-67 derived carbon-based catalyst for efficient electrochemical overall seawater splitting and oxygen reduction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 2178-2186. | 3.8 | 19 |
| 3 | A ratiometric fluorescence-scattering sensor for rapid, sensitive and selective detection of doxycycline in animal foodstuffs. <i>Food Chemistry</i> , 2022, 373, 131669. | 4.2 | 21 |
| 4 | Decorating Covalent Organic Frameworks with High-density Chelate Groups for Uranium Extraction. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 433-439. | 1.3 | 12 |
| 5 | Facile preparation of covalent organic frameworks@alginate composite beads for enhanced uranium(VI) adsorption. <i>Rare Metals</i> , 2022, 41, 1323-1331. | 3.6 | 15 |
| 6 | Fluorescent zinc coordination polymer for highly selective and sensitive detection of 2,4,6-trinitrophenol in aqueous media. <i>Journal of Solid State Chemistry</i> , 2022, 309, 122987. | 1.4 | 4 |
| 7 | Turn-on Fluorescence Detection of Acetic Acid in Wine Using a Uranyl@Organic Framework. <i>Crystal Growth and Design</i> , 2022, 22, 1984-1990. | 1.4 | 10 |
| 8 | Modulation of the Host@Guest@Guest Interactions in a Metal@Organic Framework for Multiple Anticounterfeiting Applications. <i>Inorganic Chemistry</i> , 2022, 61, 456-463. | 1.9 | 14 |
| 9 | ZIFs@chitosan Derived Efficient Bimetallic Carbon-Based Catalyst for Oxygen Reduction. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 6156-6162. | 1.8 | 9 |
| 10 | Metal-Organic framework-based Wood Aerogel for Effective Removal of Micro/Nano plastics. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 186-191. | 1.3 | 27 |
| 11 | Confined growth of MOF in chitosan matrix for removal of trace Pb(II) from reclaimed water. <i>Separation and Purification Technology</i> , 2022, 294, 121223. | 3.9 | 26 |
| 12 | Magnetic porphyrin-based metal organic gel for rapid RhB removal and enhanced antibacterial activity by heterogeneous Photo-Fenton reaction under visible light. <i>Chemosphere</i> , 2022, 303, 135114. | 4.2 | 13 |
| 13 | Dye-Encapsulated Lanthanide-Based Metal@Organic Frameworks as a Dual-Emission Sensitization Platform for Alachlor Sensing. <i>Inorganic Chemistry</i> , 2022, 61, 9801-9807. | 1.9 | 9 |
| 14 | Ultra-small Noble Metal Ceria-Based Catalytic Materials: From Synthesis to Application. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 689-701. | 1.0 | 6 |
| 15 | Recent Advances in Graphitic Carbon Nitride Supported Single-Atom Catalysts for Energy Conversion. <i>ChemCatChem</i> , 2021, 13, 1250-1270. | 1.8 | 46 |
| 16 | A stable mixed-valent uranium(V,VI) organic framework as a fluorescence thermometer. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3514-3521. | 3.0 | 20 |
| 17 | Dual-emitting piezofluorochromic dye@MOF for white-light generation. <i>Chemical Communications</i> , 2021, 57, 1340-1343. | 2.2 | 24 |
| 18 | Facile syntheses of tetrahedral imidazolate framework for CO ₂ separation. <i>Journal of Solid State Chemistry</i> , 2021, 297, 122100. | 1.4 | 4 |

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|----|--|-----|-----------|
| 19 | Enhanced uranium extraction from aqueous solution using hollow ZIF-8. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 1011-1017. | 0.7 | 7 |
| 20 | Modulation of High-Spin Co(II) in Li/Co-MOFs as Efficient Fenton-like Catalysts. <i>Inorganic Chemistry</i> , 2021, 60, 12405-12412. | 1.9 | 9 |
| 21 | A highly selective ratiometric fluorescent probe for doxycycline based on the sensitization effect of bovine serum albumin. <i>Journal of Hazardous Materials</i> , 2021, 416, 125759. | 6.5 | 52 |
| 22 | Covalent modification of ZIF-90 for uranium adsorption from seawater. <i>Microporous and Mesoporous Materials</i> , 2021, 323, 111231. | 2.2 | 30 |
| 23 | A Zinc Coordination Polymer Sensor for Selective and Sensitive Detection of Doxycycline Based on Fluorescence Enhancement. <i>Crystal Growth and Design</i> , 2021, 21, 4971-4978. | 1.4 | 33 |
| 24 | Salt-tolerant and low-cost flame-treated aerogel for continuously efficient solar steam generation. <i>Solar Energy</i> , 2021, 227, 303-311. | 2.9 | 29 |
| 25 | A highly stable, rapid and sensitive fluorescent probe for ciprofloxacin based on Al ³⁺ -enhanced fluorescence of gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130502. | 4.0 | 46 |
| 26 | Metal-organic Framework Humidity Sensing Based on Optical Fiber Fabry-Perot Interference. , 2021, , . | | 2 |
| 27 | Cobalt nanoparticle-carbon nanoplate as the solar absorber of a wood aerogel evaporator for continuously efficient desalination. <i>Environmental Science: Water Research and Technology</i> , 2021, 8, 151-161. | 1.2 | 14 |
| 28 | A recyclable fluorescent probe for picric acid detection in water samples based on inner filter effect. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117575. | 2.0 | 23 |
| 29 | AIE Infinite Coordination Polymer for Phosphate Ion Detection via Aggregation State Modulation. <i>ChemistrySelect</i> , 2020, 5, 11483-11488. | 0.7 | 4 |
| 30 | ZIF-L-Co@carbon fiber paper composite derived Co/Co ₃ O ₄ @C electrocatalyst for ORR in alkali/acidic media and overall seawater splitting. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 33028-33036. | 3.8 | 40 |
| 31 | A Simple Colorimetric Probe for Sensitive Detection of Hg ²⁺ Based on MnO ₂ Nanosheets and Monothioglycerol. <i>ChemistrySelect</i> , 2020, 5, 13888-13894. | 0.7 | 8 |
| 32 | Reusable ZIF-8@chitosan sponge for the efficient and selective removal of congo red. <i>New Journal of Chemistry</i> , 2020, 44, 15459-15466. | 1.4 | 24 |
| 33 | Water-stable lanthanide-based metal-organic gel for the detection of organic amines and white-light emission. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13648-13654. | 2.7 | 48 |
| 34 | Integration of fluorescent probes into metal-organic frameworks for improved performances. <i>RSC Advances</i> , 2020, 10, 33879-33893. | 1.7 | 22 |
| 35 | Luminescent Detection of Cr(VI) and Mn(VII) Based on a Stable Supramolecular Organic Framework. <i>Crystal Growth and Design</i> , 2020, 20, 6888-6895. | 1.4 | 15 |
| 36 | Integration of Cd:ZnS QDs into ZIF-8 for enhanced selectivity toward Cu ²⁺ detection. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3718-3726. | 3.0 | 32 |

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|----|---|-----|-----------|
| 37 | In situ modification of ZIF-67 with multi-sulfonated dyes for great enhanced methylene blue adsorption via synergistic effect. <i>Microporous and Mesoporous Materials</i> , 2020, 303, 110304. | 2.2 | 43 |
| 38 | Adsorptive separation of C ₂ H ₆ /C ₂ H ₄ on metal-organic frameworks (MOFs) with pillared-layer structures. <i>Separation and Purification Technology</i> , 2020, 242, 116819. | 3.9 | 40 |
| 39 | A Zinc Metal-Organic Framework for Concurrent Adsorption and Detection of Uranium. <i>Inorganic Chemistry</i> , 2020, 59, 9857-9865. | 1.9 | 62 |
| 40 | Facile controlled synthesis of core-shell/yolk-shell/hollow ZIF-67@Co-LDH/SiO ₂ via a self-template method. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1643-1650. | 3.0 | 34 |
| 41 | In Situ Ligand Formation-Driven Synthesis of a Uranyl Organic Framework as a Turn-on Fluorescent pH Sensor. <i>Inorganic Chemistry</i> , 2020, 59, 1778-1784. | 1.9 | 36 |
| 42 | Cellulose Membrane Compositing with ZIF-8 for Selective Separation of Rhodamine B. <i>ChemistrySelect</i> , 2020, 5, 4078-4084. | 0.7 | 19 |
| 43 | A metal-organic gel-based fluorescent chemosensor for selective Al ³⁺ detection. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5179. | 1.7 | 18 |
| 44 | In situ Preparation of Chitosan/ZIF-8 Composite Beads for Highly Efficient Removal of U(VI). <i>Frontiers in Chemistry</i> , 2019, 7, 607. | 1.8 | 56 |
| 45 | A simple fluorescent probe for fast and sensitive detection of inorganic phosphate based on uranine@ZIF-8 composite. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127110. | 4.0 | 33 |
| 46 | Selective Detection of Aromatic Nitrophenols by a Metal-Organic Framework-Based Fluorescent Sensor. <i>Crystal Growth and Design</i> , 2019, 19, 6308-6314. | 1.4 | 65 |
| 47 | A lithium-organic framework as a fluorescent sensor for detecting aluminum (III) ion. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5044. | 1.7 | 21 |
| 48 | Efficient Removal of U(VI) Using Functionalized Hollow Mesoporous Silica Nanospheres. <i>ChemistrySelect</i> , 2019, 4, 7396-7402. | 0.7 | 7 |
| 49 | Metal-organic framework-based materials for the recovery of uranium from aqueous solutions. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1924-1937. | 3.0 | 108 |
| 50 | Syntheses and Applications of Noble-Metal-free CeO ₂ -Based Mixed-Oxide Nanocatalysts. <i>Chem</i> , 2019, 5, 1743-1774. | 5.8 | 125 |
| 51 | Two metal-organic zeolites for highly sensitive and selective sensing of Tb ³⁺ . <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1129-1134. | 3.0 | 46 |
| 52 | Hollow cobalt sulfide for highly efficient uranium adsorption from aqueous solutions. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3230-3236. | 3.0 | 24 |
| 53 | ZnO@ZIF-8 core-shell microspheres for improved ethanol gas sensing. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 421-427. | 4.0 | 113 |
| 54 | Two bimetallic metal-organic frameworks capable of direct photocatalytic degradation of dyes under visible light. <i>Transition Metal Chemistry</i> , 2019, 44, 275-281. | 0.7 | 14 |

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|----|---|-----|-----------|
| 55 | Two efficient pH sensors based on heteronuclear metal-organic frameworks. <i>Journal of Luminescence</i> , 2019, 205, 380-384. | 1.5 | 23 |
| 56 | A hexanuclear cluster based metal-organic framework for Fe ³⁺ sensing. <i>Inorganic Chemistry Communication</i> , 2018, 91, 108-111. | 1.8 | 19 |
| 57 | Construction of Uranyl Organic Hybrids by Phosphonate and in Situ Generated Carboxyphosphonate Ligands. <i>Inorganic Chemistry</i> , 2017, 56, 1669-1678. | 1.9 | 34 |
| 58 | Fe ₃ O ₄ @ZIF-8: a magnetic nanocomposite for highly efficient UO ₂ ²⁺ adsorption and selective UO ₂ ²⁺ /Ln ³⁺ separation. <i>Chemical Communications</i> , 2017, 53, 4199-4202. | 2.2 | 168 |
| 59 | Interpenetrated Uranyl Organic Frameworks with <i>cb</i> and <i>pts</i> Topology: Structure, Spectroscopy, and Computation. <i>Inorganic Chemistry</i> , 2017, 56, 14147-14156. | 1.9 | 39 |
| 60 | Layered and three-dimensional uranyl organic assemblies with 4,4'-oxidiphthalic acid. <i>Chinese Chemical Letters</i> , 2016, 27, 325-329. | 4.8 | 2 |
| 61 | A multi-responsive luminescent sensor towards Fe ³⁺ and acetone based on a Cd-containing metal organic framework. <i>Chinese Chemical Letters</i> , 2016, 27, 497-501. | 4.8 | 20 |
| 62 | Entangled Uranyl Organic Frameworks with (10,3)- <i>b</i> Topology and Polythreading Network: Structure, Luminescence, and Computational Investigation. <i>Inorganic Chemistry</i> , 2016, 55, 5540-5548. | 1.9 | 39 |
| 63 | Photochromic Terbium Phosphonates with Photomodulated Luminescence and Metal Ion Sensitive Detection. <i>Chemistry - A European Journal</i> , 2016, 22, 15451-15457. | 1.7 | 63 |
| 64 | A Multifunctional Mn ^{II} Phosphonate for Rapid Separation of Methyl Orange and Electron Transfer Photochromism. <i>Chemistry - A European Journal</i> , 2016, 22, 11652-11659. | 1.7 | 34 |
| 65 | Assemblies of metal organic frameworks based on a tetrapodal linker for luminescence sensing of tetrahydrofuran. <i>CrystEngComm</i> , 2016, 18, 2857-2863. | 1.3 | 21 |
| 66 | Structural Variations of the First Family of Heterometallic Uranyl Carboxyphosphinate Assemblies by Synergy between Carboxyphosphinate and Imidazole Ligands. <i>Crystal Growth and Design</i> , 2016, 16, 2011-2018. | 1.4 | 19 |
| 67 | Structural chemistry of uranium phosphonates. <i>Coordination Chemistry Reviews</i> , 2015, 303, 86-109. | 9.5 | 121 |
| 68 | Heterometallic zinc uranium oxyfluorides incorporating imidazole ligands. <i>Chinese Chemical Letters</i> , 2015, 26, 641-645. | 4.8 | 3 |
| 69 | A Nanoscale Multiresponsive Luminescent Sensor Based on a Terbium(III) Metal Organic Framework. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1703-1709. | 1.7 | 31 |
| 70 | Uranyl Carboxyphosphonates Derived from Hydrothermal in Situ Ligand Reaction: Syntheses, Structures, and Computational Investigations. <i>Inorganic Chemistry</i> , 2015, 54, 8617-8624. | 1.9 | 24 |
| 71 | The First Family of Actinide Carboxyphosphinates: Two- and Three-Dimensional Uranyl Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5378-5384. | 1.0 | 24 |
| 72 | Syntheses, Structures, Luminescence, and Photocatalytic Properties of a Series of Uranyl Coordination Polymers. <i>Crystal Growth and Design</i> , 2014, 14, 5904-5911. | 1.4 | 44 |

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|----|--|-----|-----------|
| 73 | Structural Variation within Heterometallic Uranyl Hybrids Based on Flexible Alkyldiphosphonate Ligands. <i>Crystal Growth and Design</i> , 2014, 14, 1366-1374. | 1.4 | 39 |
| 74 | A Nanosized $\{Ag@Ag_{12}\}$ Molecular Windmill-Templated by Polyoxometalates Anions. <i>Inorganic Chemistry</i> , 2014, 53, 11584-11588. | 1.9 | 30 |
| 75 | Dynamically controlled one-pot synthesis of heterogeneous core-shell MOF single crystals using guest molecules. <i>Chemical Communications</i> , 2014, 50, 11653-11656. | 2.2 | 47 |
| 76 | A nanosized heterometallic $\{Zn_2Ru_3\}$ coordination cage templated by various polyoxometalates. <i>Dalton Transactions</i> , 2014, 43, 17244-17247. | 1.6 | 8 |
| 77 | Isolation of a series of uranium organophosphinates. <i>CrystEngComm</i> , 2014, 16, 8073-8080. | 1.3 | 9 |
| 78 | A new organically templated open-framework uranyl ethylenediphosphonate. <i>Inorganic Chemistry Communication</i> , 2014, 46, 110-112. | 1.8 | 5 |
| 79 | A highly efficient metal-organic strategy for the synthesis of ternary Ln-Ru-W hybrids. <i>Chemical Communications</i> , 2013, 49, 7911. | 2.2 | 24 |
| 80 | MOF-76: from a luminescent probe to highly efficient U^{VI} sorption material. <i>Chemical Communications</i> , 2013, 49, 10415-10417. | 2.2 | 257 |
| 81 | Synthesis, Structures, and Properties of Uranyl Hybrids Constructed by a Variety of Mono- and Polycarboxylic Acids. <i>Inorganic Chemistry</i> , 2013, 52, 12394-12402. | 1.9 | 64 |
| 82 | Syntheses, structures and luminescent properties of two organic templated uranyl phosphonates. <i>Inorganic Chemistry Communication</i> , 2013, 34, 55-57. | 1.8 | 16 |
| 83 | Syntheses and Structures of a Series of Uranyl Phosphonates and Sulfonates: An Insight into Their Correlations and Discrepancies. <i>Inorganic Chemistry</i> , 2013, 52, 2736-2743. | 1.9 | 72 |
| 84 | Flexible Diphosphonic Acids for the Isolation of Uranyl Hybrids with Heterometallic U^{VI} - Zn^{II} Cation-Cation Interactions. <i>Inorganic Chemistry</i> , 2013, 52, 8288-8290. | 1.9 | 31 |
| 85 | Construction of Cu(II) coordination polymers based on semi-rigid tetrahedral pyridine ligands. <i>RSC Advances</i> , 2013, 3, 25065. | 1.7 | 14 |
| 86 | Construction of porous Mn(II)-based metal-organic frameworks by flexible hexacarboxylic acid and rigid coligands. <i>CrystEngComm</i> , 2013, 15, 8320. | 1.3 | 28 |
| 87 | One-dimensional channel-structured Eu-MOF for sensing small organic molecules and Cu^{2+} ion. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11043. | 5.2 | 341 |
| 88 | Bisactinyl halogenated complexes: relativistic density functional theory calculation and experimental synthesis. <i>RSC Advances</i> , 2013, 3, 1572-1582. | 1.7 | 8 |
| 89 | Mixed-Ligand Zn-MOFs for Highly Luminescent Sensing of Nitro Compounds. <i>Chemistry - an Asian Journal</i> , 2013, 8, 982-989. | 1.7 | 140 |
| 90 | Syntheses and Structures of Uranyl Ethylenediphosphonates: From Layers to Elliptical Nanochannels. <i>Inorganic Chemistry</i> , 2013, 52, 7100-7106. | 1.9 | 31 |

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|-----|--|-----|-----------|
| 91 | Luminescent character of mesoporous silica with Er ₂ O ₃ composite materials. <i>Microporous and Mesoporous Materials</i> , 2013, 170, 113-122. | 2.2 | 18 |
| 92 | Lanthanide Metal-Organic Frameworks Showing Luminescence in the Visible and Near-Infrared Regions with Potential for Acetone Sensing. <i>Chemistry - A European Journal</i> , 2013, 19, 17172-17179. | 1.7 | 127 |
| 93 | 3-Fold-Interpenetrated Uranium-Organic Frameworks: New Strategy for Rationally Constructing Three-Dimensional Uranyl Organic Materials. <i>Inorganic Chemistry</i> , 2012, 51, 3103-3107. | 1.9 | 74 |
| 94 | From 1D Chain to 3D Framework Uranyl Diphosphonates: Syntheses, Crystal Structures, and Selective Ion Exchange. <i>Inorganic Chemistry</i> , 2012, 51, 11458-11465. | 1.9 | 78 |
| 95 | Construction of Three-Dimensional Cobalt(II)-Based Metal-Organic Frameworks by Synergy between Rigid and Semirigid Ligands. <i>Crystal Growth and Design</i> , 2012, 12, 5529-5534. | 1.4 | 33 |
| 96 | Tailor-Made Zinc Uranyl Diphosphonates from Layered to Framework Structures. <i>Crystal Growth and Design</i> , 2012, 12, 4669-4675. | 1.4 | 47 |
| 97 | The First Uranyl Arsonates Featuring Heterometallic Cation-Cation Interactions with UVI-O-Zn Bonding. <i>Inorganic Chemistry</i> , 2012, 51, 11150-11154. | 1.9 | 39 |
| 98 | Syntheses, structures and luminescent properties of two one-dimensional uranium oxyfluorides. <i>Inorganic Chemistry Communication</i> , 2012, 23, 46-49. | 1.8 | 11 |
| 99 | Facile and rapid fabrication of nanostructured lanthanide coordination polymers as selective luminescent probes in aqueous solution. <i>Journal of Materials Chemistry</i> , 2012, 22, 6819. | 6.7 | 161 |
| 100 | Highly selective acetone fluorescent sensors based on microporous Cd(ii) metal-organic frameworks. <i>Journal of Materials Chemistry</i> , 2012, 22, 23201. | 6.7 | 140 |
| 101 | Microwave-Assisted Modular Fabrication of Nanoscale Luminescent Metal-Organic Framework for Molecular Sensing. <i>ChemPhysChem</i> , 2012, 13, 2734-2738. | 1.0 | 67 |
| 102 | (NH ₄) ₆ [Mn ₃ B ₆ P ₉ O ₃₆ (OH) ₃] \cdot 4H ₂ O: A new open-framework manganese borophosphate synthesized by using boric acid flux method. <i>Dalton Transactions</i> , 2011, 40, 2549. | 1.6 | 22 |
| 103 | Hydrothermal synthesis of isostructural open-framework manganese and iron borophosphates: Effect of the organic templates in determining the pore shapes. <i>Solid State Sciences</i> , 2011, 13, 757-761. | 1.5 | 11 |
| 104 | Ionothermal Synthesis of Extra-Large-Pore Open-Framework Nickel Phosphite 5H ₃ O \cdot [Ni ₈ (HPO ₃) ₉ Cl ₃] \cdot 1.5H ₂ O: Magnetic Anisotropy of the Antiferromagnetism. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2328-2331. | 7.2 | 63 |
| 105 | Spontaneous crystallization of a new chiral open-framework borophosphate in the ionothermal system. <i>Dalton Transactions</i> , 2010, 39, 1713. | 1.6 | 24 |
| 106 | Synthesis, structure and magnetic property of a new organo-templated mixed-valent iron(ii, iii) borophosphate. <i>Journal of Materials Chemistry</i> , 2009, 19, 4523. | 6.7 | 16 |
| 107 | Na ₂ [VB ₃ P ₂ O ₁₂ (OH)] \cdot 2.92H ₂ O: A New Open-Framework Vanadium Borophosphate Containing Extra-Large 16-Ring Pore Openings and 128166 Super Cavities Synthesized by Using the Boric Acid Flux Method. <i>Chemistry of Materials</i> , 2008, 20, 4900-4905. | 3.2 | 37 |