

# Bin Li

## List of Publications by Year in descending order

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Version: 2024-02-01

117  
papers

14,011  
citations

26630

56  
h-index

20358

116  
g-index

122  
all docs

122  
docs citations

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times ranked

11087  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Syntheses, structures, luminescence and CO <sub>2</sub> gas adsorption properties of four three-dimensional heterobimetallic metal-organic frameworks. <i>Journal of Solid State Chemistry</i> , 2022, 305, 122672.                                 | 2.9  | 6         |
| 2  | Immobilization of Lewis Basic Sites into a Stable Ethane-Selective MOF Enabling One-Step Separation of Ethylene from a Ternary Mixture. <i>Journal of the American Chemical Society</i> , 2022, 144, 2614-2623.                                     | 13.7 | 127       |
| 3  | Robust and Radiation-Resistant Hofmann-Type Metal-Organic Frameworks for Record Xenon/Krypton Separation. <i>Journal of the American Chemical Society</i> , 2022, 144, 3200-3209.   | 13.7 | 71        |
| 4  | Immobilization of Lewis Basic Nitrogen Sites into a Chemically Stable Metal-Organic Framework for Benchmark Water Sorption-Driven Heat Allocations. <i>Advanced Science</i> , 2022, 9, e2105556.  | 11.2 | 17        |
| 5  | A Robust Hydrogen-Bonded Organic Framework with 7-Fold Interpenetration Nets and High Permanent Microporosity. <i>Crystal Growth and Design</i> , 2022, 22, 1817-1823.  | 3.0  | 15        |
| 6  | Polarized Laser Switching with Giant Contrast in MOF-Based Mixed-Matrix Membrane. <i>Advanced Science</i> , 2022, 9, e2200953.  | 11.2 | 12        |
| 7  | A novel anion-pillared metal-organic framework for highly efficient separation of acetylene from ethylene and carbon dioxide. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9248-9255.   | 10.3 | 55        |
| 8  | Efficient CO <sub>2</sub> /CO separation in a stable microporous hydrogen-bonded organic framework. <i>Chemical Communications</i> , 2021, 57, 10051-10054.   | 4.1  | 20        |
| 9  | A Rod-Packing Hydrogen-Bonded Organic Framework with Suitable Pore Confinement for Benchmark Ethane/Ethylene Separation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10304-10310.  | 13.8 | 104       |
| 10 | A Novel Hydrogen-Bonded Organic Framework with Highly Permanent Porosity for Boosting Ethane/Ethylene Separation. , 2021, 3, 497-503.   |      | 46        |
| 11 | A Rod-Packing Hydrogen-Bonded Organic Framework with Suitable Pore Confinement for Benchmark Ethane/Ethylene Separation. <i>Angewandte Chemie</i> , 2021, 133, 10392-10398.   | 2.0  | 29        |
| 12 | Chemically Stable Hafnium-Based Metal-Organic Framework for Highly Efficient C <sub>2</sub> H <sub>6</sub> /C <sub>2</sub> H <sub>4</sub> Separation under Humid Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 18792-18799. | 8.0  | 34        |
| 13 | Benchmark C <sub>2</sub> H <sub>2</sub> /CO <sub>2</sub> Separation in an Ultra-Microporous Metal-Organic Framework via Copper(I)-Alkynyl Chemistry. <i>Angewandte Chemie</i> , 2021, 133, 16131-16138.   | 2.0  | 43        |
| 14 | Progress in Multifunctional Metal-Organic Frameworks/Polymer Hybrid Membranes. <i>Chemistry - A European Journal</i> , 2021, 27, 12940-12952.   | 3.3  | 14        |
| 15 | Benchmark C <sub>2</sub> H <sub>2</sub> /CO <sub>2</sub> Separation in an Ultra-Microporous Metal-Organic Framework via Copper(I)-Alkynyl Chemistry. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15995-16002.                      | 13.8 | 148       |
| 16 | Dense Packing of Acetylene in a Stable and Low-Cost Metal-Organic Framework for Efficient C <sub>2</sub> H <sub>2</sub> /CO <sub>2</sub> Separation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25068-25074.                      | 13.8 | 116       |
| 17 | Electrochemical detection of trace heavy metal ions using a Ln-MOF modified glass carbon electrode. <i>Journal of Solid State Chemistry</i> , 2020, 281, 121032.  | 2.9  | 64        |
| 18 | Engineering microporous ethane-trapping metal-organic frameworks for boosting ethane/ethylene separation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3613-3620.   | 10.3 | 120       |

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|----|---|------|-----------|
| 19 | Tuning the interpenetration of metal-organic frameworks through changing ligand functionality: effect on gas adsorption properties. <i>CrystEngComm</i> , 2020, 22, 506-514.                                    | 2.6  | 22        |
| 20 | Selective Ethane/Ethylene Separation in a Robust Microporous Hydrogen-Bonded Organic Framework. <i>Journal of the American Chemical Society</i> , 2020, 142, 633-640.   | 13.7 | 183       |
| 21 | Boosting Ethylene/Ethane Separation within Copper(I)-Chelated Metal-Organic Frameworks through Tailor-Made Aperture and Specific $\pi$ -Complexation. <i>Advanced Science</i> , 2020, 7, 1901918.               | 11.2 | 86        |
| 22 | Switchable Two-Photon Pumped Polarized Lasing Performance in Composition-Graded MOFs Based Heterostructures. <i>Advanced Optical Materials</i> , 2020, 8, 2001089.  | 7.3  | 15        |
| 23 | A novel expanded metal-organic framework for balancing volumetric and gravimetric methane storage working capacities. <i>Chemical Communications</i> , 2020, 56, 13117-13120.                                   | 4.1  | 9         |
| 24 | A Chemically Stable Hofmann-Type Metal-Organic Framework with Sandwich-Like Binding Sites for Benchmark Acetylene Capture. <i>Advanced Materials</i> , 2020, 32, e1908275.                                      | 21.0 | 236       |
| 25 | A reversible vapor-responsive fluorochromic molecular platform based on coupled AIE-ESIPT mechanisms and its applications in anti-counterfeiting measures. <i>Dyes and Pigments</i> , 2020, 181, 108535.        | 3.7  | 33        |
| 26 | A metal-organic frameworks@ carbon nanotubes based electrochemical sensor for highly sensitive and selective determination of ascorbic acid. <i>Journal of Molecular Structure</i> , 2020, 1209, 127986.        | 3.6  | 38        |
| 27 | Post-modified metal-organic framework as a turn-on fluorescent probe for potential diagnosis of neurological diseases. <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109610.                         | 4.4  | 27        |
| 28 | Metal-organic framework film for fluorescence turn-on H <sub>2</sub> S gas sensing and anti-counterfeiting patterns. <i>Science China Materials</i> , 2019, 62, 1445-1453.                                      | 6.3  | 31        |
| 29 | Loading Photochromic Molecules into a Luminescent Metal-Organic Framework for Information Anticounterfeiting. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18025-18031.                         | 13.8 | 205       |
| 30 | Current Status of Microporous Metal-Organic Frameworks for Hydrocarbon Separations. <i>Topics in Current Chemistry</i> , 2019, 377, 33.   | 5.8  | 31        |
| 31 | Loading Photochromic Molecules into a Luminescent Metal-Organic Framework for Information Anticounterfeiting. <i>Angewandte Chemie</i> , 2019, 131, 18193-18199.  | 2.0  | 62        |
| 32 | Reversing C <sub>2</sub> H <sub>2</sub> -CO <sub>2</sub> adsorption selectivity in an ultramicroporous metal-organic framework platform. <i>Chemical Communications</i> , 2019, 55, 11354-11357.                | 4.1  | 46        |
| 33 | Tailoring the pore geometry and chemistry in microporous metal-organic frameworks for high methane storage working capacity. <i>Chemical Communications</i> , 2019, 55, 11402-11405.                            | 4.1  | 13        |
| 34 | Our journey of developing multifunctional metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2019, 384, 21-36.   | 18.8 | 126       |
| 35 | A new metal-organic framework with suitable pore size and ttd-type topology revealing highly selective adsorption and separation of organic dyes. <i>Journal of Solid State Chemistry</i> , 2019, 277, 159-162. | 2.9  | 22        |
| 36 | An inner light integrated metal-organic framework photodynamic therapy system for effective elimination of deep-seated tumor cells. <i>Journal of Solid State Chemistry</i> , 2019, 276, 205-209.               | 2.9  | 15        |

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|----|--|------|-----------|
| 37 | A water-stable fcu-MOF material with exposed amino groups for the multi-functional separation of small molecules. <i>Science China Materials</i> , 2019, 62, 1315-1322.  | 6.3  | 41        |
| 38 | A manganese-based metal-organic framework electrochemical sensor for highly sensitive cadmium ions detection. <i>Journal of Solid State Chemistry</i> , 2019, 275, 38-42.  | 2.9  | 38        |
| 39 | A zirconium-based metal-organic framework with encapsulated anionic drug for uncommonly controlled oral drug delivery. <i>Microporous and Mesoporous Materials</i> , 2019, 275, 229-234.   | 4.4  | 47        |
| 40 | Nanoscale fluorescent metal-organic framework composites as a logic platform for potential diagnosis of asthma. <i>Biosensors and Bioelectronics</i> , 2019, 130, 65-72.   | 10.1 | 60        |
| 41 | Confinement of Perovskite QDs within a Single MOF Crystal for Significantly Enhanced Multiphoton Excited Luminescence. <i>Advanced Materials</i> , 2019, 31, e1806897.   | 21.0 | 124       |
| 42 | Low-Cost and High-Performance Microporous Metal-Organic Framework for Separation of Acetylene from Carbon Dioxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1667-1672.  | 6.7  | 47        |
| 43 | A Metal-Organic Framework with Optimized Porosity and Functional Sites for High Gravimetric and Volumetric Methane Storage Working Capacities. <i>Advanced Materials</i> , 2018, 30, e1704792.   | 21.0 | 109       |
| 44 | Controlling Pore Shape and Size of Interpenetrated Anion-Pillared Ultramicroporous Materials Enables Molecular Sieving of CO <sub>2</sub> /CH <sub>4</sub> Mixtures with Ultrahigh Uptake Capacity. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 16628-16635. | 8.0  | 78        |
| 45 | Efficient separation of C <sub>2</sub> H <sub>2</sub> from C <sub>2</sub> H <sub>2</sub> /CO <sub>2</sub> mixtures in an acid-base resistant metal-organic framework. <i>Chemical Communications</i> , 2018, 54, 4846-4849.  | 4.1  | 62        |
| 46 | A novel metal-organic framework as a heterogeneous catalysis for the solvent-free conversion of CO <sub>2</sub> and epoxides into cyclic carbonate. <i>Inorganic Chemistry Communication</i> , 2018, 88, 56-59.  | 3.9  | 13        |
| 47 | Highly stable Y-based metal organic framework with two molecular building block for selective adsorption of C <sub>2</sub> H <sub>2</sub> and CO <sub>2</sub> over CH <sub>4</sub> . <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1193-1198.                            | 6.0  | 51        |
| 48 | Fine-tuning of nano-traps in a stable metal-organic framework for highly efficient removal of propyne from propylene. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6931-6937.  | 10.3 | 74        |
| 49 | Porous metal-organic frameworks for fuel storage. <i>Coordination Chemistry Reviews</i> , 2018, 373, 167-198.  | 18.8 | 211       |
| 50 | Reticular Chemistry of Multifunctional Metal-Organic Framework Materials. <i>Israel Journal of Chemistry</i> , 2018, 58, 949-961.  | 2.3  | 24        |
| 51 | Nanospace within metal-organic frameworks for gas storage and separation. <i>Materials Today Nano</i> , 2018, 2, 21-49.  | 4.6  | 77        |
| 52 | A Metal-Organic Framework with Suitable Pore Size and Specific Functional Sites for the Removal of Trace Propyne from Propylene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15183-15188.   | 13.8 | 124       |
| 53 | A Metal-Organic Framework with Suitable Pore Size and Specific Functional Sites for the Removal of Trace Propyne from Propylene. <i>Angewandte Chemie</i> , 2018, 130, 15403-15408.  | 2.0  | 98        |
| 54 | Microporous metal-organic framework with open Cu <sup>2+</sup> functional sites and optimized pore size for C <sub>2</sub> H <sub>2</sub> storage and CH <sub>4</sub> purification. <i>Polyhedron</i> , 2018, 155, 332-336.  | 2.2  | 7         |

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|----|--|------|-----------|
| 55 | Metal-Organic Framework with Trifluoromethyl Groups for Selective C <sub>2</sub> H <sub>2</sub> and CO <sub>2</sub> Adsorption. <i>Crystal Growth and Design</i> , 2018, 18, 4522-4527.  | 3.0  | 26        |
| 56 | Flexible Metal-Organic Framework-Based Mixed-Matrix Membranes: A New Platform for H <sub>2</sub> S Sensors. <i>Small</i> , 2018, 14, e1801563.   | 10.0 | 88        |
| 57 | Highly selective room temperature acetylene sorption by an unusual triacetylenic phosphine MOF. <i>Chemical Communications</i> , 2018, 54, 9937-9940.  | 4.1  | 40        |
| 58 | Solvent-Triggered Reversible Phase Changes in Two Manganese-Based Metal-Organic Frameworks and Associated Sensing Events. <i>Chemistry - A European Journal</i> , 2018, 24, 13231-13237.   | 3.3  | 15        |
| 59 | Highly Enhanced Gas Uptake and Selectivity via Incorporating Methoxy Groups into a Microporous Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2017, 17, 2172-2177.  | 3.0  | 26        |
| 60 | A microporous hydrogen-bonded organic framework with amine sites for selective recognition of small molecules. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8292-8296.   | 10.3 | 78        |
| 61 | A new low-cost and effective method for enhancing the catalytic performance of Cu-SiO <sub>2</sub> catalysts for the synthesis of ethylene glycol via the vapor-phase hydrogenation of dimethyl oxalate by coating the catalysts with dextrin. <i>Journal of Catalysis</i> , 2017, 350, 122-132. | 6.2  | 74        |
| 62 | A two-dimensional microporous metal-organic framework for highly selective adsorption of carbon dioxide and acetylene. <i>Chinese Chemical Letters</i> , 2017, 28, 1653-1658.  | 9.0  | 27        |
| 63 | Negative-resistance and high-mobility devices based on paper. <i>Materials Express</i> , 2017, 7, 5-14.  | 0.5  | 2         |
| 64 | Optimized Separation of Acetylene from Carbon Dioxide and Ethylene in a Microporous Material. <i>Journal of the American Chemical Society</i> , 2017, 139, 8022-8028.  | 13.7 | 417       |
| 65 | Flexible-Robust Metal-Organic Framework for Efficient Removal of Propyne from Propylene. <i>Journal of the American Chemical Society</i> , 2017, 139, 7733-7736.   | 13.7 | 242       |
| 66 | Construction of ntt-Type Metal-Organic Framework from C <sub>2</sub> -Symmetry Hexacarboxylate Linker for Enhanced Methane Storage. <i>Crystal Growth and Design</i> , 2017, 17, 4795-4800.  | 3.0  | 13        |
| 67 | Two solvent-induced porous hydrogen-bonded organic frameworks: solvent effects on structures and functionalities. <i>Chemical Communications</i> , 2017, 53, 11150-11153.  | 4.1  | 93        |
| 68 | Efficient separation of ethylene from acetylene/ethylene mixtures by a flexible-robust metal-organic framework. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18984-18988.  | 10.3 | 88        |
| 69 | An Ideal Molecular Sieve for Acetylene Removal from Ethylene with Record Selectivity and Productivity. <i>Advanced Materials</i> , 2017, 29, 1704210.  | 21.0 | 310       |
| 70 | Microporous Lanthanide Metal-Organic Framework Constructed from Lanthanide Metalloligand for Selective Separation of C <sub>2</sub> H <sub>2</sub> /CO <sub>2</sub> and C <sub>2</sub> H <sub>2</sub> /CH <sub>4</sub> at Room Temperature. <i>Inorganic Chemistry</i> , 2017, 56, 7145-7150.    | 4.0  | 72        |
| 71 | A Threefold Interpenetrated Pillared-Layer Metal-Organic Framework for Selective Separation of C <sub>2</sub> H <sub>2</sub> /CH <sub>4</sub> and CO <sub>2</sub> /CH <sub>4</sub> . <i>ChemPlusChem</i> , 2016, 81, 764-769.  | 2.8  | 24        |
| 72 | Pore chemistry and size control in hybrid porous materials for acetylene capture from ethylene. <i>Science</i> , 2016, 353, 141-144.   | 12.6 | 1,088     |

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|----|--|------|-----------|
| 73 | A Fluorinated Metal-Organic Framework for High Methane Storage at Room Temperature. <i>Crystal Growth and Design</i> , 2016, 16, 3395-3399.  | 3.0  | 36        |
| 74 | Cationic Covalent Organic Frameworks: A Simple Platform of Anionic Exchange for Porosity Tuning and Proton Conduction. <i>Journal of the American Chemical Society</i> , 2016, 138, 5897-5903.                               | 13.7 | 613       |
| 75 | Finely tuning MOFs towards high performance in $C_2H_2$ storage: synthesis and properties of a new MOF-505 analogue with an inserted amide functional group. <i>Chemical Communications</i> , 2016, 52, 7241-7244.           | 4.1  | 131       |
| 76 | A Microporous Metal-Organic Framework with Lewis Basic Nitrogen Sites for High $C_2H_2$ Storage and Significantly Enhanced $C_2H_2/CO_2$ Separation at Ambient Conditions. <i>Inorganic Chemistry</i> , 2016, 55, 7214-7218. | 4.0  | 124       |
| 77 | Fine-Tuning Porous Metal-Organic Frameworks for Gas Separations at Will. <i>CheM</i> , 2016, 1, 669-671.   | 11.7 | 35        |
| 78 | Emerging Multifunctional Metal-Organic Framework Materials. <i>Advanced Materials</i> , 2016, 28, 8819-8860.   | 21.0 | 1,227     |
| 79 | A flexible metal-organic framework with double interpenetration for highly selective $CO_2$ capture at room temperature. <i>Science China Chemistry</i> , 2016, 59, 965-969.   | 8.2  | 30        |
| 80 | Porous Metal-Organic Frameworks: Promising Materials for Methane Storage. <i>CheM</i> , 2016, 1, 557-580.  | 11.7 | 297       |
| 81 | W-shaped 1,3-di(2,4-dicarboxyphenyl)benzene based lanthanide coordination polymers with tunable white light emission. <i>New Journal of Chemistry</i> , 2016, 40, 10440-10446.   | 2.8  | 18        |
| 82 | A Twofold Interpenetrated Metal-Organic Framework with High Performance in Selective Separation of $C_2H_2/CH_4$ . <i>ChemPlusChem</i> , 2016, 81, 770-774.  | 2.8  | 31        |
| 83 | Emerging functional chiral microporous materials: synthetic strategies and enantioselective separations. <i>Materials Today</i> , 2016, 19, 503-515.   | 14.2 | 82        |
| 84 | Control of interpenetration in a microporous metal-organic framework for significantly enhanced $C_2H_2/CO_2$ separation at room temperature. <i>Chemical Communications</i> , 2016, 52, 3494-3496.                          | 4.1  | 94        |
| 85 | Metal-Organic Frameworks as Platforms for Functional Materials. <i>Accounts of Chemical Research</i> , 2016, 49, 483-493.  | 15.6 | 1,403     |
| 86 | High acetylene/ethylene separation in a microporous zinc metal-organic framework with low binding energy. <i>Chemical Communications</i> , 2016, 52, 1166-1169.  | 4.1  | 67        |
| 87 | Microporous metal-organic framework with dual functionalities for highly efficient removal of acetylene from ethylene/acetylene mixtures. <i>Nature Communications</i> , 2015, 6, 7328.                                      | 12.8 | 404       |
| 88 | Regulation of Charge Delocalization in a Heteronuclear $Fe_2Ru$ System by a Stepwise Photochromic Process. <i>Chemistry - A European Journal</i> , 2015, 21, 3318-3326.  | 3.3  | 30        |
| 89 | A microporous metal-organic framework with rare <i>lvt</i> topology for highly selective $C_2H_2/C_2H_4$ separation at room temperature. <i>Chemical Communications</i> , 2015, 51, 5610-5613.                               | 4.1  | 61        |
| 90 | A Microporous Porphyrin-Based Hydrogen-Bonded Organic Framework for Gas Separation. <i>Crystal Growth and Design</i> , 2015, 15, 2000-2004.  | 3.0  | 115       |

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|-----|--|------|-----------|
| 91  | A Flexible Microporous Hydrogen-Bonded Organic Framework for Gas Sorption and Separation. <i>Journal of the American Chemical Society</i> , 2015, 137, 9963-9970.  | 13.7 | 360       |
| 92  | Porous metal-organic frameworks with Lewis basic nitrogen sites for high-capacity methane storage. <i>Energy and Environmental Science</i> , 2015, 8, 2504-2511.   | 30.8 | 126       |
| 93  | Multifunctional lanthanide coordination polymers. <i>Progress in Polymer Science</i> , 2015, 48, 40-84.  | 24.7 | 176       |
| 94  | A microporous metal-organic framework with polarized trifluoromethyl groups for high methane storage. <i>Chemical Communications</i> , 2015, 51, 14789-14792.  | 4.1  | 40        |
| 95  | Multistate and Multicolor Photochromism through Selective Cycloreversion in Asymmetric Platinum(II) Complexes with Two Different Dithienylethene-Acetylides. <i>Inorganic Chemistry</i> , 2015, 54, 11511-11519. | 4.0  | 24        |
| 96  | Porous Lanthanide Metal-Organic Frameworks for Gas Storage and Separation. <i>Structure and Bonding</i> , 2014, , 75-107.  | 1.0  | 15        |
| 97  | A Microporous Metal-Organic Framework Constructed from a New Tetracarboxylic Acid for Selective Gas Separation. <i>Crystal Growth and Design</i> , 2014, 14, 2522-2526.  | 3.0  | 58        |
| 98  | A two dimensional microporous metal-organic framework for selective gas separation. <i>Inorganic Chemistry Communication</i> , 2014, 50, 106-109.  | 3.9  | 10        |
| 99  | Enhanced CO <sub>2</sub> sorption and selectivity by functionalization of a NbO-type metal-organic framework with polarized benzothiadiazole moieties. <i>Chemical Communications</i> , 2014, 50, 12105-12108.   | 4.1  | 103       |
| 100 | Multifunctional metal-organic frameworks constructed from meta-benzenedicarboxylate units. <i>Chemical Society Reviews</i> , 2014, 43, 5618-5656.  | 38.1 | 476       |
| 101 | A porous metal-organic framework with an elongated anthracene derivative exhibiting a high working capacity for the storage of methane. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11516.                | 10.3 | 40        |
| 102 | Porous Metal-Organic Frameworks for Gas Storage and Separation: What, How, and Why?. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3468-3479.  | 4.6  | 505       |
| 103 | A Porous Metal-Organic Framework with Dynamic Pyrimidine Groups Exhibiting Record High Methane Storage Working Capacity. <i>Journal of the American Chemical Society</i> , 2014, 136, 6207-6210.                 | 13.7 | 311       |
| 104 | Two structurally different praseodymium-organic frameworks with permanent porosity. <i>Inorganic Chemistry Communication</i> , 2014, 45, 89-92.  | 3.9  | 1         |
| 105 | Microporous Metal-Organic Frameworks for Gas Separation. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1474-1498.   | 3.3  | 183       |
| 106 | Modulating Stepwise Photochromism in Platinum(II) Complexes with Dual Dithienylethene-Acetylides by a Progressive Red Shift of Ring-Closure Absorption. <i>Inorganic Chemistry</i> , 2013, 52, 12511-12520.      | 4.0  | 24        |
| 107 | Multistate Photochromism in a Ruthenium Complex with Dithienylethene-Acetylide. <i>Organometallics</i> , 2013, 32, 1759-1765.  | 2.3  | 20        |
| 108 | Phosphorescent Square-Planar Platinum(II) Complexes of 1,3-Bis(2-pyridylimino)isoindoline with a Monodentate Strong-Field Ligand. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4789-4798.        | 2.0  | 8         |

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| 109 | Redox-Modulated Stepwise Photochromism in a Ruthenium Complex with Dual Dithienylethene-Acetylides. <i>Journal of the American Chemical Society</i> , 2012, 134, 16059-16067.                                  | 13.7 | 85        |
| 110 | Gold(I)-Coordination Triggered Multistep and Multiple Photochromic Reactions in Multi-Dithienylethene (DTE) Systems. <i>Inorganic Chemistry</i> , 2012, 51, 1933-1942.   | 4.0  | 43        |
| 111 | Photoswitchable electrochemical behaviour of a [FeFe] hydrogenase model with a dithienylethene derivative. <i>Dalton Transactions</i> , 2012, 41, 11813.   | 3.3  | 6         |
| 112 | Luminescence vapochromism in solid materials based on metal complexes for detection of volatile organic compounds (VOCs). <i>Journal of Materials Chemistry</i> , 2012, 22, 11427.                             | 6.7  | 215       |
| 113 | Spectroscopic, Electrochemical, and DFT Studies of Oxo-Centered Triruthenium Cluster Complexes with a Bis(tridentate) Triazine Ligand. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2306-2316. | 2.0  | 11        |
| 114 | Luminescence Vapochromism of a Platinum(II) Complex for Detection of Low Molecular Weight Halohydrocarbon. <i>Inorganic Chemistry</i> , 2009, 48, 10202-10210.   | 4.0  | 81        |
| 115 | Low-valence oxo-centred triruthenium complexes by bridging acetate substitution with pyrazolyldiazine or pyridinyltetrazine ligands. <i>Dalton Transactions</i> , 2009, , 8696.                                | 3.3  | 20        |
| 116 | Photochromic and electrochromic properties of oxo-centred triruthenium compounds with a dithienylethene bis(phosphine) ligand. <i>Dalton Transactions</i> , 2009, , 10244.                                     | 3.3  | 7         |
| 117 | Dense Packing of Acetylene in a Stable and Low-Cost Metal-Organic Framework for Efficient C <sub>2</sub> H <sub>2</sub> /CO <sub>2</sub> Separation. <i>Angewandte Chemie</i> , 0, , .                         | 2.0  | 14        |