

# Kuang-Lieh Lu

## List of Publications by Citations

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125  
papers

3,618  
citations

37  
h-index

53  
g-index

141  
ext. papers

4,032  
ext. citations

6.2  
avg, IF

5.38  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 125 | Crystal engineering: toward intersecting channels from a neutral network with a bcu-type topology. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6063-7  | 16.4 | 187       |
| 124 | Semiconductor Metal-Organic Frameworks: Future Low-Bandgap Materials. <i>Advanced Materials</i> , <b>2017</b> , 29, 1605071   | 24   | 144       |
| 123 | Self-assembled arrays of single-walled metal-organic nanotubes. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9461-4   | 16.4 | 110       |
| 122 | First light-emitting neutral molecular rectangles. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 2016-7  | 5.1  | 98        |
| 121 | One-step orthogonal-bonding approach to the self-assembly of neutral rhenium-based metallacycles: synthesis, structures, photophysics, and sensing applications. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 1403-18 | 24.3 | 96        |
| 120 | Luminescence enhancement induced by aggregation of alkoxy-bridged rhenium(I) molecular rectangles. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 5323-5  | 5.1  | 95        |
| 119 | Integration of a (-Cu-S-) plane in a metal-organic framework affords high electrical conductivity. <i>Nature Communications</i> , <b>2019</b> , 10, 1721  | 17.4 | 85        |
| 118 | Aggregation-induced phosphorescence enhancement (AIPE) based on transition metal complexes: An overview. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , <b>2015</b> , 23, 25-44                    | 16.4 | 80        |
| 117 | Highly dispersed silica-supported nanocopper as an efficient heterogeneous catalyst: application in the synthesis of 1,2,3-triazoles and thioethers. <i>Catalysis Science and Technology</i> , <b>2011</b> , 1, 1512              | 5.5  | 80        |
| 116 | Electrically Driven White Light Emission from Intrinsic Metal-Organic Framework. <i>ACS Nano</i> , <b>2016</b> , 10, 8366-75  | 16.7 | 75        |
| 115 | Functionalized Silica Matrices and Palladium: A Versatile Heterogeneous Catalyst for Suzuki, Heck, and Sonogashira Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 6357-6376                       | 8.3  | 74        |
| 114 | Cooperative effect of unsheltered amide groups on CO <sub>2</sub> adsorption inside open-ended channels of a zinc(II)-organic framework. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 3962-8                                    | 5.1  | 71        |
| 113 | A journey in search of single-walled metal-organic nanotubes. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 13140   |      | 68        |
| 112 | Rapid desolvation-triggered domino lattice rearrangement in a metal-organic framework. <i>Nature Chemistry</i> , <b>2020</b> , 12, 90-97  | 17.6 | 60        |
| 111 | Semiconductor Behavior of a Three-Dimensional Strontium-Based Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 22767-74  | 9.5  | 59        |
| 110 | Gondola-shaped luminescent tetrarhenium metallacycles with crown-ether-like multiple recognition sites. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 10052-4  | 5.1  | 58        |
| 109 | Rhenium-based molecular rectangular boxes with large inner cavity and high shape selectivity towards benzene molecule. <i>Chemical Communications</i> , <b>2008</b> , 3175-7  | 5.8  | 56        |

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|-----|---|------|----|
| 108 | Self-Assembly of Fourteen Components into a Soluble, Neutral, Metalloprismatic Cage. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 633-636   | 2.3  | 56 |
| 107 | Intrinsic low dielectric behaviour of a highly thermally stable Sr-based metal-organic framework for interlayer dielectric materials. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 3762-3768  | 7.1  | 54 |
| 106 | Porous Metal-Organic Frameworks with Multiple Cages Based on Tetrazolate Ligands: Synthesis, Structures, Photoluminescence, and Gas Adsorption Properties. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 510-517                               | 3.5  | 53 |
| 105 | Novel one-pot synthesis of luminescent neutral rhenium-based molecular rectangles. <i>Dalton Transactions RSC</i> , <b>2001</b> , 515-517   |      | 53 |
| 104 | Silica-supported PEI capped nanopalladium as potential catalyst in Suzuki, Heck and Sonogashira coupling reactions. <i>Applied Catalysis A: General</i> , <b>2013</b> , 455, 247-260  | 5.1  | 52 |
| 103 | A Novel Hybrid Supramolecular Network Assembled from Perfect $\pi$ -Stacking of an Anionic Inorganic Layer and a Cationic Hydronium-Ion-Mediated Organic Layer. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 4253-4258        | 2.3  | 52 |
| 102 | Metal-Organic Frameworks: New Interlayer Dielectric Materials. <i>ChemElectroChem</i> , <b>2015</b> , 2, 786-788  | 4.3  | 51 |
| 101 | Aggregation-induced emission enhancement in alkoxy-bridged binuclear rhenium(III) complexes: application as sensor for explosives and interaction with microheterogeneous media. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 14358-66 | 3.4  | 50 |
| 100 | Unusual face-to-face $\pi$ - $\pi$ stacking interactions within an indigo-pillared M3(tpt)-based triangular metalloprism. <i>Dalton Transactions</i> , <b>2008</b> , 6110-2   | 4.3  | 47 |
| 99  | Anion-Controlled Dielectric Behavior of Homochiral Tryptophan-Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 1572-1579  | 3.5  | 46 |
| 98  | Development of luminescent sensors based on transition metal complexes for the detection of nitroexplosives. <i>Dalton Transactions</i> , <b>2017</b> , 46, 16738-16769   | 4.3  | 44 |
| 97  | Enhanced photovoltaic performance by synergism of light-cultivation and electronic localization for highly efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 7036                                       |      | 40 |
| 96  | Alkali metal cation (K <sup>+</sup> , Cs <sup>+</sup> ) induced dissolution/reorganization of porous metal carboxylate coordination networks in water. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3604-14                              | 4.8  | 39 |
| 95  | Neutral metallacyclic rotors. <i>Chemical Communications</i> , <b>2009</b> , 3795-7   | 5.8  | 39 |
| 94  | Bottom-Up Crystal Engineering toward Nanoporosity Exemplified by a Zinc Carboxylate Coordination Polymer Adopting a Tenorite Analogue Network Topology. <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 403-405                                   | 3.5  | 39 |
| 93  | Computational Studies of Versatile Heterogeneous Palladium-Catalyzed Suzuki, Heck, and Sonogashira Coupling Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 8475-8490  | 8.3  | 38 |
| 92  | Giant metal-organic frameworks with bulky scaffolds: from microporous to mesoporous functional materials. <i>Dalton Transactions</i> , <b>2012</b> , 41, 5437-53  | 4.3  | 38 |
| 91  | Trapped Photons Induced Ultrahigh External Quantum Efficiency and Photoresponsivity in Hybrid Graphene/Metal-Organic Framework Broadband Wearable Photodetectors. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804802                    | 15.6 | 38 |

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|----|--|------|----|
| 90 | Toward Optimization of Oligothiophene Antennas: New Ruthenium Sensitizers with Excellent Performance for Dye-Sensitized Solar Cells. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 4392-4399   | 9.6  | 37 |
| 89 | Time-evolving self-organization and autonomous structural adaptation of cobalt(II)-organic framework materials with scu and pts nets. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7136-9   | 4.8  | 37 |
| 88 | Metal-organic frameworks for electronics: emerging second order nonlinear optical and dielectric materials. <i>Science and Technology of Advanced Materials</i> , <b>2015</b> , 16, 054204   | 7.1  | 35 |
| 87 | Photoswitchable alkoxy-bridged binuclear rhenium(I) complexes as potential probe for biomolecules and optical cell imaging. <i>RSC Advances</i> , <b>2013</b> , 3, 18557   | 3.7  | 35 |
| 86 | A flexible tris-phosphonate for the design of copper and cobalt coordination polymers: unusual cage array topology and magnetic properties. <i>CrystEngComm</i> , <b>2011</b> , 13, 2678   | 3.3  | 35 |
| 85 | Expanding the dimensions of metal-organic framework research towards dielectrics. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 360, 77-91   | 23.2 | 33 |
| 84 | Organic-inorganic hybrid zinc phosphate with 28-ring channels. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1878-81   | 4.8  | 32 |
| 83 | Alkoxy bridged binuclear rhenium (I) complexes as a potential sensor for amyloid aggregation. <i>Talanta</i> , <b>2014</b> , 130, 274-9  | 6.2  | 31 |
| 82 | Control of light-promoted [2+2] cycloaddition reactions by a remote ancillary regulatory group that is covalently attached to rhenium rectangles. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 15714-21                                 | 4.8  | 31 |
| 81 | Adaptation toward Restricted Conformational Dynamics: From the Series of Neutral Molecular Rotors. <i>Organometallics</i> , <b>2011</b> , 30, 3168-3176  | 3.8  | 31 |
| 80 | Zn(II)-based metal-organic framework: an exceptionally thermally stable, guest-free low dielectric material. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 1508-1513  | 7.1  | 29 |
| 79 | Steric effects in the photoinduced electron transfer reactions of ruthenium(II)-polypyridine complexes with 2,6-disubstituted phenolate ions. <i>Physical Chemistry Chemical Physics</i> , <b>2001</b> , 3, 2063-2069                                | 3.6  | 29 |
| 78 | Continuous broadband emission from a metal-organic framework as a human-friendly white light source. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 4728-4732  | 7.1  | 27 |
| 77 | Neutral discrete metal-organic cyclic architectures: Opportunities for structural features and properties in confined spaces. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 280, 96-175  | 23.2 | 26 |
| 76 | Aggregate of alkoxy-bridged Re(I)-rectangles as a probe for photoluminescence quenching. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 10953-60  | 2.8  | 26 |
| 75 | Isorecticular Synthesis of Dissectible Molecular Bamboo Tubes of Hexarhenium(I) Benzene-1,2,3,4,5,6-hexaolate Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8343-7   | 16.4 | 26 |
| 74 | Ru/Al <sub>2</sub> O <sub>3</sub> catalyzed N-oxidation of tertiary amines by using H <sub>2</sub> O <sub>2</sub> . <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 1140  | 5.5  | 25 |
| 73 | Polypseudorotaxane architecture of poly-bis[4-(N-benzyl-pyridinium)]piperazine-hexa-thiocyanato-di-cadmium(II) with 2-D honeycomb-like [Cd(SCN) <sub>3</sub> ] <sub>nn</sub> anionic polymeric framework. <i>CrystEngComm</i> , <b>2007</b> , 9, 345 | 3.3  | 25 |

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|----|--|-------|----|
| 72 | Zr-MOF/Polyaniline Composite Films with Exceptional Seebeck Coefficient for Thermoelectric Material Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 3400-3406  | 9.5   | 25 |
| 71 | Guest dependent dielectric properties of nickel(II)-based supramolecular networks. <i>CrystEngComm</i> , <b>2014</b> , 16, 6309-6315   | 3.3   | 23 |
| 70 | The first zinc phosphite with remarkable structural and functional transformations. <i>Chemical Communications</i> , <b>2015</b> , 51, 7824-6  | 5.8   | 22 |
| 69 | Self-Assembled Arrays of Single-Walled Metal-Organic Nanotubes. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 9625-9628  | 3.628 | 22 |
| 68 | An unusual cobalt(II)-based single-walled metal-organic nanotube. <i>CrystEngComm</i> , <b>2014</b> , 16, 2626-2633  | 3.3   | 21 |
| 67 | Monometallic rhenium(I) complexes as sensor for anions. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 35, 186-191   | 3.1   | 21 |
| 66 | Self-assembly of tetrametallic square [Re <sub>4</sub> (CO) <sub>12</sub> Br <sub>4</sub> (pz) <sub>4</sub> ] (pz = pyrazine) from [Re(CO) <sub>4</sub> Br(pz)]. A mechanistic approach. <i>Dalton Transactions RSC</i> , <b>2001</b> , 3346 |       | 20 |
| 65 | Activation-Controlled Structure Deformation of Pillared-Bilayer Metal-Organic Framework Membranes for Gas Separations. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 7666-7677   | 9.6   | 19 |
| 64 | An Encapsulation-Rearrangement Strategy to Integrate Superhydrophobicity into Mesoporous Metal-Organic Frameworks. <i>Matter</i> , <b>2020</b> , 2, 988-999  | 12.7  | 19 |
| 63 | Correlation of Mesh Size of Metal-Carboxylate Layer with Degree of Interpenetration in Pillared-Layer Frameworks. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 5608-5616   | 3.5   | 19 |
| 62 | Enhanced light-harvesting capability by phenothiazine in ruthenium sensitizers with superior photovoltaic performance. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 130-139   |       | 19 |
| 61 | Crystal Engineering: Toward Intersecting Channels from a Neutral Network with a bcu-Type Topology. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6217-6221   | 3.6   | 19 |
| 60 | Structural characteristics and non-linear optical behaviour of a 2-hydroxynicotinate-containing zinc-based metal-organic framework. <i>Molecules</i> , <b>2015</b> , 20, 8941-51   | 4.8   | 18 |
| 59 | Direct Guest Exchange Induced Single-Crystal to Single-Crystal Transformation Accompanying Irreversible Crystal Expansion in Soft Porous Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 4266-4271               | 3.5   | 17 |
| 58 | Self-Recognition of 3D Porous Frameworks: Fourfold Diamondoid or Threefold Cuboidal Interpenetrating Nets Formed by Varying Pillar Motifs. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2007</b> , 17, 259-265 | 3.2   | 17 |
| 57 | Low Dielectric Behavior of a Robust, Guest-Free Magnesium(II)-Organic Framework: A Potential Application of an Alkaline-Earth Metal Compound. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1669-1674                 | 2.3   | 16 |
| 56 | Host-guest key-lock hydrogen-bonding interactions: a rare case in the design of a V-shaped polycarboxylate Ni(II)-based chiral coordination polymer. <i>CrystEngComm</i> , <b>2013</b> , 15, 9798  | 3.3   | 16 |
| 55 | Hydrogen bond-organized two-fold interpenetrating homochiral pcu net. <i>CrystEngComm</i> , <b>2012</b> , 14, 11893-1192   | 3.192 | 15 |

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|----|---|-----|----|
| 54 | Presynthesized and In-Situ Generated Tetrazolate Ligand in the Design of Chiral Cadmium Coordination Polymer. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 3825-3828                                      | 3.5 | 15 |
| 53 | Heteroleptic Ruthenium Sensitizers with Hydrophobic Fused-Thio[phenes for Use in Efficient Dye-Sensitized Solar Cells. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 1214-1224             | 2.3 | 15 |
| 52 | Self-triggered conformations of disulfide ensembles in coordination polymers with multiple metal clusters. <i>CrystEngComm</i> , <b>2015</b> , 17, 2847-2856  | 3.3 | 14 |
| 51 | A Molecular Triangle as a Precursor Toward the Assembly of a Jar-Shaped Metallasupramolecule. <i>Organometallics</i> , <b>2014</b> , 33, 40-44  | 3.8 | 14 |
| 50 | Crystal Engineering of Three Net-to-Net Intersecting Metal-Organic Frameworks from Two Comparable Organic Linking Squares. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 3750-3755         | 2.3 | 14 |
| 49 | New 3 D Tubular Porous Structure of an Organic-Zincophosphite Framework with Interesting Gas Adsorption and Luminescence Properties. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 16099-16102        | 4.8 | 14 |
| 48 | Pillared-bilayer zinc(II)-organic laminae: pore modification and selective gas adsorption. <i>CrystEngComm</i> , <b>2015</b> , 17, 6320-6327  | 3.3 | 13 |
| 47 | Amide-containing zinc(II) metal-organic layered networks: a structure-CO <sub>2</sub> capture relationship. <i>Inorganic Chemistry Frontiers</i> , <b>2015</b> , 2, 477-484                                       | 6.8 | 13 |
| 46 | An Electroactive Zinc-based Metal-Organic Framework: Bifunctional Fluorescent Quenching Behavior and Direct Observation of Nitrobenzene. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 2997-3003                 | 5.1 | 13 |
| 45 | Intrinsic Ultralow-Threshold Laser Action from Rationally Molecular Design of Metal-Organic Framework Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 36485-36495                    | 9.5 | 13 |
| 44 | Reactions of 1-Hydroxypyridine-2-thione with Triosmium Clusters. Preparation and Transformation of N-Oxide-Containing Osmium Complexes. <i>Organometallics</i> , <b>1996</b> , 15, 5605-5612                      | 3.8 | 12 |
| 43 | A huge diamondoid metal-organic framework with a neo-mode of tenfold interpenetration. <i>CrystEngComm</i> , <b>2015</b> , 17, 2935-2939  | 3.3 | 11 |
| 42 | Highly hydrophobic metal-organic framework for self-protecting gate dielectrics. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 11958-11965   | 13  | 11 |
| 41 | Amide-CO <sub>2</sub> Interaction Induced Gate-Opening Behavior for CO <sub>2</sub> Adsorption in 2-Fold Interpenetrating Framework. <i>ChemistrySelect</i> , <b>2016</b> , 1, 2923-2929                          | 1.8 | 11 |
| 40 | Self-adaptation of manganese-chloride arrangement toward high spin Mn <sup>5</sup> (ECl) <sub>4</sub> cluster-based metal-organic framework with S = 15/2. <i>Dalton Transactions</i> , <b>2012</b> , 41, 1448-50 | 4.3 | 11 |
| 39 | Flexible piperazine-pyrazine-building blocks: conformational isomerism of equatorial-axial-sites toward the constructions of silver(I) coordination chains. <i>CrystEngComm</i> , <b>2010</b> , 12, 3388          | 3.3 | 11 |
| 38 | High- $\gamma$ -Samarium-Based Metal-Organic Framework for Gate Dielectric Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 21872-21878   | 9.5 | 10 |
| 37 | Benzene absorption in a protuberant-grid-type zinc(II)-organic framework triggered by the migration of guest water molecules. <i>Dalton Transactions</i> , <b>2015</b> , 44, 62-5                                 | 4.3 | 10 |

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|----|---|------|----|
| 36 | A Co(ii) framework derived from a tris(4-(triazol-1-yl)phenyl)amine redox-active linker: an electrochemical and magnetic study. <i>Dalton Transactions</i> , <b>2018</b> , 47, 9341-9346                                      | 4.3  | 10 |
| 35 | Zinc(II)-Organic Framework Films with ThermoChromic and SolvatoChromic Applications. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 4204-4208  | 4.8  | 9  |
| 34 | A Rigidity-Modulated Approach toward the Construction of Metallacycles from a Flexible Tetratopic Ligand. <i>Organometallics</i> , <b>2010</b> , 29, 283-285  | 3.8  | 9  |
| 33 | Anion-induced structural transformation of a sulfate-incorporated 2D Cd(II) organic framework. <i>Journal of Solid State Chemistry</i> , <b>2016</b> , 239, 1-7   | 3.3  | 9  |
| 32 | Membrane adsorber containing a new Sm(III) organic framework for dye removal. <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 1067-1076   | 7.1  | 8  |
| 31 | Spectroelectrochemical studies of the redox active tris[4-(triazol-1-yl)phenyl]amine linker and redox state manipulation of Mn(ii)/Cu(ii) coordination frameworks. <i>Dalton Transactions</i> , <b>2019</b> , 48, 10122-10128 | 4.7  | 7  |
| 30 | Sensing of insulin fibrillation using alkoxy-bridged binuclear rhenium(I) complexes. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 73, 49-51   | 3.1  | 7  |
| 29 | Self-adaptation of a conformationally flexible yet restricted piperazine-pyrazine building block toward the design of coordination polymers. <i>CrystEngComm</i> , <b>2011</b> , 13, 2960                                     | 3.3  | 7  |
| 28 | Single-Molecule-Based Electroluminescent Device as Future White Light Source. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 4084-4092   | 9.5  | 7  |
| 27 | Polar Molecule Confinement Effects on Dielectric Modulations of Sr-Based Metal Organic Frameworks. <i>ACS Applied Electronic Materials</i> , <b>2019</b> , 1, 836-844   | 4    | 6  |
| 26 | Rare metal-ion metathesis of a tetrahedral Zn(ii) core of a noncentrosymmetric (3,4)-connected 3D MOF. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1950-1954   | 4.3  | 5  |
| 25 | Thermally stable indium based metal organic frameworks with high dielectric permittivity. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 9724-9733  | 7.1  | 5  |
| 24 | Design of a Peripheral Building Block for H-Bonded Dendritic Frameworks and Analysis of the Void Space in the Bulk Dendrimers. <i>Scientific Reports</i> , <b>2017</b> , 7, 3649  | 4.9  | 5  |
| 23 | Interaction of Triosmium Complexes with Hydrogen Chloride: A Model for Fine-Tuning Regioselective Protonation in Metal Clusters. <i>Journal of Cluster Science</i> , <b>1998</b> , 9, 445-463                                 | 3    | 5  |
| 22 | Rhenium-Based Molecular Trap as an Evanescent Wave Infrared Chemical Sensing Medium for the Selective Determination of Amines in Air. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 35634-35640            | 9.5  | 5  |
| 21 | Paddlewheel SBU based Zn MOFs: Syntheses, Structural Diversity, and CO <sub>2</sub> Adsorption Properties. <i>Polymers</i> , <b>2018</b> , 10,  | 4.5  | 5  |
| 20 | Weak interactions in conducting metal organic frameworks. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 442, 213987   | 23.2 | 5  |
| 19 | IsoRecticular Synthesis of Dissectible Molecular Bamboo Tubes of Hexarhenium(I) Benzene-1,2,3,4,5,6-hexaolate Complexes. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8483-8487  | 3.6  | 4  |

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|----|---|-----|---|
| 18 | Highly Thermal-Stable Supramolecular Assembly of a Hydrogen-Bonded Mononuclear Nickel(II) Histidine Compound. <i>Journal of the Chinese Chemical Society</i> , <b>2013</b> , 60, 807-812  | 1.5 | 4 |
| 17 | Synthesis, Structure, and Dynamic Behavior of Discrete Metallacyclic Rotors. <i>Chemistry Letters</i> , <b>2013</b> , 42, 776-784   | 1.7 | 4 |
| 16 | A nonlinear optical cadmium(II)-based metal-organic framework with chiral helical chains derived from an achiral bent dicarboxylate ligand. <i>CrystEngComm</i> , <b>2021</b> , 23, 824-830   | 3.3 | 4 |
| 15 | Host-guest interaction studies of polycyclic aromatic hydrocarbons (PAHs) in alkoxy bridged binuclear rhenium (I) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 222, 117160 | 4.4 | 3 |
| 14 | Phosphor-Free Electrically Driven White Light Emission from Nanometer-Thick Barium-Organic Framework Films. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 2395-2403  | 5.6 | 3 |
| 13 | Exceptional Low Dielectric Behavior of Chemically Robust, Guest-Free Co- and Mn-Based Coordination Polymers. <i>ChemElectroChem</i> , <b>2019</b> , 6, 623-626  | 4.3 | 3 |
| 12 | Design of a Metal-Organic Framework-Derived Co <sub>9</sub> S <sub>8</sub> /S Material for Achieving High Durability and High Performance of Lithium-Sulfur Batteries. <i>ChemElectroChem</i> , <b>2021</b> , 8, 3040-3048            | 4.3 | 2 |
| 11 | Suppressing Defect Formation in Metal-Organic Framework Membranes via Plasma-Assisted Synthesis for Gas Separations. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 41904-41915                                    | 9.5 | 2 |
| 10 | Structural Transformations of Amino-Acid-Based Polymers: Syntheses and Structural Characterization. <i>Polymers</i> , <b>2018</b> , 10,   | 4.5 | 1 |
| 9  | Comparative Study of Nickel Catalysts Supported on X- and Y-Zeolites. <i>Journal of the Chinese Chemical Society</i> , <b>1985</b> , 32, 309-315  | 1.5 | 1 |
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| 7  | Water-assisted spin-flop antiferromagnetic behaviour of hydrophobic Cu-based metal-organic frameworks. <i>Dalton Transactions</i> , <b>2021</b> , 50, 5754-5758   | 4.3 | 1 |
| 6  | Thin Film Growth of 3D Sr-based Metal-Organic Framework on Conductive Glass via Electrochemical Deposition.. <i>ChemistryOpen</i> , <b>2022</b> , 11, e202100295  | 2.3 | 0 |
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