

## List of Publications by Year in descending order

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Δριίνι Ρλι

| #  | Article  | IF                        | CITATIONS |
|----|--|---------------------------|-----------|
| 1  | Porous Anionic Co(II) Metalâ€Organic Framework, with a High Density of Amino Groups, as a Superior<br>Luminescent Sensor for Turnâ€on Al(III) Detection. Chemistry - A European Journal, 2021, 27, 11804-11810.  | 3.3                       | 41        |
| 2  | A Phosphateâ€Based Silver–Bipyridine 1D Coordination Polymer with Crystallized Phosphoric Acid as<br>Superprotonic Conductor. Chemistry - A European Journal, 2020, 26, 4607-4612.   | 3.3                       | 24        |
| 3  | A 2D Mg(II)-MOF with High Density of Coordinated Waters as Sole Intrinsic Proton Sources for Ultrahigh Superprotonic Conduction. , 2020, 2, 1343-1350.   |                           | 37        |
| 4  | Immobilization of a Polar Sulfone Moiety onto the Pore Surface of a Humid-Stable MOF for Highly<br>Efficient CO <sub>2</sub> Separation under Dry and Wet Environments through Direct<br>CO <sub>2</sub> –Sulfone Interactions. ACS Applied Materials & Interfaces, 2020, 12, 41177-41184. | 8.0                       | 30        |
| 5  | A "Thermodynamically Stable―2D Nickel Metal–Organic Framework over a Wide pH Range with<br>Scalable Preparation for Efficient C <sub>2</sub> s over C <sub>1</sub> Hydrocarbon Separations.<br>Chemistry - A European Journal, 2020, 26, 12624-12631.                                      | 3.3                       | 28        |
| 6  | Two Closely Related Zn(II)-MOFs for Their Large Difference in CO <sub>2</sub> Uptake Capacities and Selective CO <sub>2</sub> Sorption. Inorganic Chemistry, 2020, 59, 7056-7066.  | 4.0                       | 35        |
| 7  | A Microporous Co-MOF for Highly Selective CO <sub>2</sub> Sorption in High Loadings Involving Aryl<br>C–H···Oâ•€â•O Interactions: Combined Simulation and Breakthrough Studies. Inorganic Chemistry, 2019,<br>11553-11560.   | 58,4.0                    | 23        |
| 8  | Three-Dimensional Co(II)-Metal–Organic Frameworks with Varying Porosities and Open Metal Sites<br>toward Multipurpose Heterogeneous Catalysis under Mild Conditions. Crystal Growth and Design,<br>2019, 19, 5343-5353.  | 3.0                       | 41        |
| 9  | Two 2D microporous MOFs based on bent carboxylates and a linear spacer for selective CO <sub>2</sub> adsorption. CrystEngComm, 2019, 21, 535-543.  | 2.6                       | 13        |
| 10 | Metal–Organic Frameworks and Other Crystalline Materials for Ultrahigh Superprotonic<br>Conductivities of 10 <sup>â^'2</sup> â€S cm <sup>â^'1</sup> or Higher. Chemistry - A European Journal,<br>25, 6259-6269.   | 201933                    | 117       |
| 11 | Frontispiece: Metal–Organic Frameworks and Other Crystalline Materials for Ultrahigh<br>Superprotonic Conductivities of 10 <sup>â^'2</sup> â€S cm <sup>â^'1</sup> or Higher. Chemistry - A Eur<br>Journal, 2019, 25, .   | opeara                    | 0         |
| 12 | Three Co(II) Metal–Organic Frameworks with Diverse Architectures for Selective Gas Sorption and Magnetic Studies. Inorganic Chemistry, 2019, 58, 6246-6256.  | 4.0                       | 34        |
| 13 | Metalo Hydrogenâ€Bonded Organic Frameworks (MHOFs) as New Class of Crystalline Materials for<br>Protonic Conduction. Chemistry - A European Journal, 2019, 25, 1691-1695.  | 3.3                       | 92        |
| 14 | Polycarboxylateâ€Templated Coordination Polymers: Role of Templates for Superprotonic<br>Conductivities of up to 10 <sup>â^'1</sup> â€S cm <sup>â^'1</sup> . Angewandte Chemie - International<br>2018, 57, 6662-6666.   | Edit <b>io</b> r <b>s</b> | 153       |
| 15 | Polycarboxylateâ€Templated Coordination Polymers: Role of Templates for Superprotonic<br>Conductivities of up to 10 <sup>â^'1</sup> â€S cm <sup>â^'1</sup> . Angewandte Chemie, 2018, 130, 67  | 72-6776.                  | 88        |
| 16 | A 3D Microporous MOF with <i>mab</i> Topology for Selective CO <sub>2</sub> Adsorption and Separation. ChemistrySelect, 2018, 3, 917-921.  | 1.5                       | 15        |
| 17 | A Moistureâ€Stable 3D Microporous Co <sup>II</sup> â€Metal–Organic Framework with Potential for<br>Highly Selective CO <sub>2</sub> Separation under Ambient Conditions. Chemistry - A European<br>Journal, 2018, 24, 5982-5986.   | 3.3                       | 37        |
| 18 | A Trifunctional Luminescent 3D Microporous MOF with Potential for CO <sub>2</sub> Separation,<br>Selective Sensing of a Metal Ion, and Recognition of a Small Organic Molecule. European Journal of<br>Inorganic Chemistry, 2018, 2018, 2785-2792.   | 2.0                       | 28        |

Arun Pal

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|----|--|-----|-----------|
| 19 | Two azo-functionalized luminescent 3D Cd( <scp>ii</scp> ) MOFs for highly selective detection of Fe <sup>3+</sup> and Al <sup>3+</sup> . New Journal of Chemistry, 2018, 42, 12865-12871.  | 2.8 | 69        |
| 20 | A Water-Stable Twofold Interpenetrating Microporous MOF for Selective CO <sub>2</sub> Adsorption and Separation. Inorganic Chemistry, 2017, 56, 13991-13997.   | 4.0 | 88        |
| 21 | A microporous MOF with a polar pore surface exhibiting excellent selective adsorption of CO <sub>2</sub> from CO <sub>2</sub> –N <sub>2</sub> and CO <sub>2</sub> –CH <sub>4</sub> gas mixtures with high CO <sub>2</sub> loading. Dalton Transactions, 2017, 46, 15280-15286. | 3.3 | 46        |
| 22 | A new set of Cd( <scp>ii</scp> )-coordination polymers with mixed ligands of dicarboxylate and pyridyl substituted diaminotriazine: selective sorption towards CO <sub>2</sub> and cationic dyes. Dalton Transactions, 2017, 46, 9901-9911.                                    | 3.3 | 55        |
| 23 | Copperâ€Catalyzed Regioselective Cascade Alkylation and Cyclocondensation of Quinoline<br><i>N</i> â€Oxides with Diazo Esters: Direct Access to Conjugated l€â€6ystems. Chemistry - A European<br>Journal, 2016, 22, 13826-13830.  | 3.3 | 39        |
| 24 | Structural variation of transition metal coordination polymers based on bent carboxylate and flexible spacer ligand: polymorphism, gas adsorption and SC-SC transmetallation. CrystEngComm, 2016, 18, 4323-4335.   | 2.6 | 30        |