Arun Pal

List of Publications by Year
in descending order

24	1,163	20	22
papers	citations	h-index	g-index
		411340	759306

24	24	24	1179
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Porous Anionic Co(II) Metalâ€Organic Framework, with a High Density of Amino Groups, as a Superior Luminescent Sensor for Turnâ€on Al(III) Detection. Chemistry - A European Journal, 2021, 27, 11804-11810.	1.7	41
2	A Phosphateâ€Based Silverâ€“Bipyridine 1D Coordination Polymer with Crystallized Phosphoric Acid as Superprotonic Conductor. Chemistry - A European Journal, 2020, 26, 4607-4612.	1.7	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 Efficient CO₂ Separation under Dry and Wet Environments through Direct CO₂â€“Sulfone Interactions. ACS Applied Materials & Interfaces, 2020, 12, 41177-41184.	4.0	30
5	A â€œThermodynamically Stableâ€• 2D Nickel Metalâ€“Organic Framework over a Wide pH Range with Scalable Preparation for Efficient C₂s over C₁ Hydrocarbon Separations. Chemistry - A European Journal, 2020, 26, 12624-12631.	1.7	28
6	Two Closely Related Zn(II)-MOFs for Their Large Difference in CO₂ Uptake Capacities and Selective CO₂ Sorption. Inorganic Chemistry, 2020, 59, 7056-7066.	1.9	35
7	A Microporous Co-MOF for Highly Selective CO₂ Sorption in High Loadings Involving Aryl Câ€“HÂ·Â·Â·Oâ•Câ•O Interactions: Combined Simulation and Breakthrough Studies. Inorganic Chemistry, 2019, 58, 11553-11560.	1.9	23
8	Three-Dimensional Co(II)-Metalâ€“Organic Frameworks with Varying Porosities and Open Metal Sites toward Multipurpose Heterogeneous Catalysis under Mild Conditions. Crystal Growth and Design, 2019, 19, 5343-5353.	1.4	41
9	Two 2D microporous MOFs based on bent carboxylates and a linear spacer for selective CO₂adsorption. CrystEngComm, 2019, 21, 535-543.	1.3	13
10	Metalâ€“Organic Frameworks and Other Crystalline Materials for Ultrahigh Superprotonic Conductivities of 10^{âˆ’2}â€…Sâ€‰cm^{âˆ’1} or Higher. Chemistry - A European Journal, 2019, 25, 6259-6269.	1.7	117
11	Frontispiece: Metalâ€“Organic Frameworks and Other Crystalline Materials for Ultrahigh Superprotonic Conductivities of 10^{âˆ’2}â€…Sâ€‰cm^{âˆ’1} or Higher. Chemistry - A European Journal, 2019, 25, .	1.7	0
12	Three Co(II) Metalâ€“Organic Frameworks with Diverse Architectures for Selective Gas Sorption and Magnetic Studies. Inorganic Chemistry, 2019, 58, 6246-6256.	1.9	34
13	Metalo Hydrogenâ€Bonded Organic Frameworks (MHOFs) as New Class of Crystalline Materials for Protonic Conduction. Chemistry - A European Journal, 2019, 25, 1691-1695.	1.7	92
14	Polycarboxylateâ€Templated Coordination Polymers: Role of Templates for Superprotonic Conductivities of up to 10^{âˆ’1}â€…Sâ€‰cm^{âˆ’1}. Angewandte Chemie - International Edition, 2018, 57, 6662-6666.	7.2	153
15	Polycarboxylateâ€Templated Coordination Polymers: Role of Templates for Superprotonic Conductivities of up to 10^{âˆ’1}â€…Sâ€‰cm^{âˆ’1}. Angewandte Chemie, 2018, 130, 6772-6776.	1.6	88
16	A 3D Microporous MOF with <i>mab</i> Topology for Selective CO₂ Adsorption and Separation. ChemistrySelect, 2018, 3, 917-921.	0.7	15
17	A Moistureâ€Stable 3D Microporous Co^{II}â€Metalâ€“Organic Framework with Potential for Highly Selective CO₂ Separation under Ambient Conditions. Chemistry - A European Journal, 2018, 24, 5982-5986.	1.7	37
18	A Trifunctional Luminescent 3D Microporous MOF with Potential for CO₂ Separation, Selective Sensing of a Metal Ion, and Recognition of a Small Organic Molecule. European Journal of Inorganic Chemistry, 2018, 2018, 2785-2792.	1.0	28

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19	Two azo-functionalized luminescent 3D Cd(<scp>ii</scp>) MOFs for highly selective detection of Fe³⁺ and Al³⁺. New Journal of Chemistry, 2018, 42, 12865-12871.	1.4	69
20	A Water-Stable Twofold Interpenetrating Microporous MOF for Selective CO₂ Adsorption and Separation. Inorganic Chemistry, 2017, 56, 13991-13997.	1.9	88
21	A microporous MOF with a polar pore surface exhibiting excellent selective adsorption of CO₂from CO₂â€“N₂and CO₂â€“CH₄gas mixtures with high CO₂loading. Dalton Transactions, 2017, 46, 15280-15286.	1.6	46
22	A new set of Cd(<scp>ii</scp>)-coordination polymers with mixed ligands of dicarboxylate and pyridyl substituted diaminotriazine: selective sorption towards CO₂and cationic dyes. Dalton Transactions, 2017, 46, 9901-9911.	1.6	55
23	Copperâ€Catalyzed Regioselective Cascade Alkylation and Cyclocondensation of Quinoline <i>N</i>â€Oxides with Diazo Esters: Direct Access to Conjugated Ï€â€Systems. Chemistry - A European Journal, 2016, 22, 13826-13830.	1.7	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.	1.3	30