

Ravi Kumar Arvapally

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

639
citations

1163117

8
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

1451
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetically tuned dimensional augmentation as a versatile synthetic route towards robust metal-organic frameworks. <i>Nature Communications</i> , 2014, 5, 5723.	12.8	332
2	Water Cluster Confinement and Methane Adsorption in the Hydrophobic Cavities of a Fluorinated Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2013, 135, 12615-12626.	13.7	114
3	Adsorption and molecular siting of CO ₂ , water, and other gases in the superhydrophobic, flexible pores of FMOF-1 from experiment and simulation. <i>Chemical Science</i> , 2017, 8, 3989-4000.	7.4	60
4	Photophysics of Bis(thiocyanato)gold(I) Complexes: An Intriguing Structure-Luminescence Relationships. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10689-10699.	3.1	47
5	Fluorous Metal-Organic Frameworks and Nonporous Coordination Polymers as Low- ϵ Dielectrics. <i>Advanced Functional Materials</i> , 2019, 29, 1904707.	14.9	47
6	Pyrene Bearing Azo-Functionalized Porous Nanofibers for CO ₂ Separation and Toxic Metal Cation Sensing. <i>ACS Omega</i> , 2018, 3, 15510-15518.	3.5	17
7	Facile Photochemical Syntheses of Conjoined Nanotwin Gold-Silver Particles within a Biologically-Benign Chitosan Polymer. <i>Nanomaterials</i> , 2019, 9, 596.	4.1	12
8	Self-Assembly of Linear Polymers into Phosphorescent Nanoparticles: Optimization toward Non-Cytotoxic Bioimaging and Photonic Devices. <i>Journal of Physical Chemistry C</i> , 2015, 119, 12551-12561.	3.1	10