Pillaiyar Puthiaraj

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7050652/publications.pdf

Version: 2024-02-01

19	1,142	586496	889612
papers	citations	16 h-index	19 g-index

20	20	20	1753
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zeolite-Like Metal Organic Framework (ZMOF) with a rho Topology for a CO₂ Cycloaddition to Epoxides. ACS Sustainable Chemistry and Engineering, 2020, 8, 7078-7086.	3.2	32
2	Selective Carbon Dioxide Capture Using Silicaâ€Supported Polyaminals. ChemistrySelect, 2019, 4, 8534-8541.	0.7	5
3	MgFeAl layered double hydroxide prepared from recycled industrial solid wastes for CO2 fixation by cycloaddition to epoxides. Journal of CO2 Utilization, 2019, 34, 395-403.	3.3	37
4	Porous Covalent Organic Polymers Comprising a Phosphite Skeleton for Aqueous Nd(III) Capture. ACS Applied Materials & Interfaces, 2019, 11, 11488-11497.	4.0	41
5	CO2 adsorption and conversion into cyclic carbonates over a porous ZnBr2-grafted N-heterocyclic carbene-based aromatic polymer. Applied Catalysis B: Environmental, 2019, 251, 195-205.	10.8	112
6	Electrorheological response of microporous covalent triazine-based polymeric particles. Colloid and Polymer Science, 2018, 296, 907-915.	1.0	5
7	Electroresponsive Polymerâ€“Inorganic Semiconducting Composite (MCTPâ€“Fe₃O₄) Particles and Their Electrorheology. ACS Omega, 2018, 3, 17246-17253.	1.6	5
8	Photoluminescent AuNCs@UiO-66 for Ultrasensitive Detection of Mercury in Water Samples. ACS Omega, 2018, 3, 12052-12059.	1.6	28
9	Hydroxylamine-Anchored Covalent Aromatic Polymer for CO₂ Adsorption and Fixation into Cyclic Carbonates. ACS Sustainable Chemistry and Engineering, 2018, 6, 9324-9332.	3.2	66
10	Cycloaddition of CO2 and epoxides over a porous covalent triazine-based polymer incorporated with Fe3O4. New Journal of Chemistry, 2018, 42, 12429-12436.	1.4	23
11	Covalent Triazine Polymerâ€“Fe₃O₄ Nanocomposite for Strontium Ion Removal from Seawater. Industrial & Engineering Chemistry Research, 2017, 56, 4984-4992.	1.8	29
12	Aminoethanethiol-Grafted Porous Organic Polymer for Hg²⁺ Removal in Aqueous Solution. Industrial & Engineering Chemistry Research, 2017, 56, 10174-10182.	1.8	69
13	Porous NH2-MIL-125 as an efficient nano-platform for drug delivery, imaging, and ROS therapy utilized Low-Intensity Visible light exposure system. Colloids and Surfaces B: Biointerfaces, 2017, 160, 1-10.	2.5	34
14	Cyclic carbonate synthesis from CO2 and epoxides over diamine-functionalized porous organic frameworks. Journal of CO2 Utilization, 2017, 21, 450-458.	3.3	46
15	Porous Covalent Triazine Polymer as a Potential Nanocargo for Cancer Therapy and Imaging. ACS Applied Materials & Interfaces, 2016, 8, 8947-8955.	4.0	87
16	Triazine-based covalent organic polymers: design, synthesis and applications in heterogeneous catalysis. Journal of Materials Chemistry A, 2016, 4, 16288-16311.	5.2	271
17	Synthesis of copper nanoparticles supported on a microporous covalent triazine polymer: an efficient and reusable catalyst for O-arylation reaction. Catalysis Science and Technology, 2016, 6, 1701-1709.	2.1	49
18	Microporous covalent triazine polymers: efficient Friedelâ€“Crafts synthesis and adsorption/storage of CO₂ and CH₄. Journal of Materials Chemistry A, 2015, 3, 6792-6797.	5.2	160

#	Article	IF	Citations
19	Metalâ€“Organic Frameworks for Catalysis. Catalysis Surveys From Asia, 2015, 19, 203-222.	1.0	42