

Pillaiyar Puthiaraj

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,142
citations

516710

16
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1556
citing authors

#	ARTICLE	IF	CITATIONS
1	Zeolite-Like Metal Organic Framework (ZMOF) with a ρ Topology for a CO_2 Cycloaddition to Epoxides. ACS Sustainable Chemistry and Engineering, 2020, 8, 7078-7086.	6.7	32
2	Selective Carbon Dioxide Capture Using Silica-Supported Polyaminals. ChemistrySelect, 2019, 4, 8534-8541.	1.5	5
3	MgFeAl layered double hydroxide prepared from recycled industrial solid wastes for CO_2 fixation by cycloaddition to epoxides. Journal of CO_2 Utilization, 2019, 34, 395-403.	6.8	37
4	Porous Covalent Organic Polymers Comprising a Phosphite Skeleton for Aqueous Nd(III) Capture. ACS Applied Materials & Interfaces, 2019, 11, 11488-11497.	8.0	41
5	CO_2 adsorption and conversion into cyclic carbonates over a porous ZnBr_2 -grafted N-heterocyclic carbene-based aromatic polymer. Applied Catalysis B: Environmental, 2019, 251, 195-205.	20.2	112
6	Electrorheological response of microporous covalent triazine-based polymeric particles. Colloid and Polymer Science, 2018, 296, 907-915.	2.1	5
7	Electroresponsive Polymer-Inorganic Semiconducting Composite ($\text{MCTP-Fe}_3\text{O}_4$) Particles and Their Electrorheology. ACS Omega, 2018, 3, 17246-17253.	3.5	5
8	Photoluminescent AuNCs@UiO-66 for Ultrasensitive Detection of Mercury in Water Samples. ACS Omega, 2018, 3, 12052-12059.	3.5	28
9	Hydroxylamine-Anchored Covalent Aromatic Polymer for CO_2 Adsorption and Fixation into Cyclic Carbonates. ACS Sustainable Chemistry and Engineering, 2018, 6, 9324-9332.	6.7	66
10	Cycloaddition of CO_2 and epoxides over a porous covalent triazine-based polymer incorporated with Fe_3O_4 . New Journal of Chemistry, 2018, 42, 12429-12436.	2.8	23
11	Covalent Triazine Polymer- Fe_3O_4 Nanocomposite for Strontium Ion Removal from Seawater. Industrial & Engineering Chemistry Research, 2017, 56, 4984-4992.	3.7	29
12	Aminoethanethiol-Grafted Porous Organic Polymer for Hg^{2+} Removal in Aqueous Solution. Industrial & Engineering Chemistry Research, 2017, 56, 10174-10182.	3.7	69
13	Porous NH_2 -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.	5.0	34
14	Cyclic carbonate synthesis from CO_2 and epoxides over diamine-functionalized porous organic frameworks. Journal of CO_2 Utilization, 2017, 21, 450-458.	6.8	46
15	Porous Covalent Triazine Polymer as a Potential Nanocargo for Cancer Therapy and Imaging. ACS Applied Materials & Interfaces, 2016, 8, 8947-8955.	8.0	87
16	Triazine-based covalent organic polymers: design, synthesis and applications in heterogeneous catalysis. Journal of Materials Chemistry A, 2016, 4, 16288-16311.	10.3	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.	4.1	49
18	Microporous covalent triazine polymers: efficient Friedel-Crafts synthesis and adsorption/storage of CO_2 and CH_4 . Journal of Materials Chemistry A, 2015, 3, 6792-6797.	10.3	160

#	ARTICLE	IF	CITATIONS
19	Metal-Organic Frameworks for Catalysis. Catalysis Surveys From Asia, 2015, 19, 203-222.	2.6	42