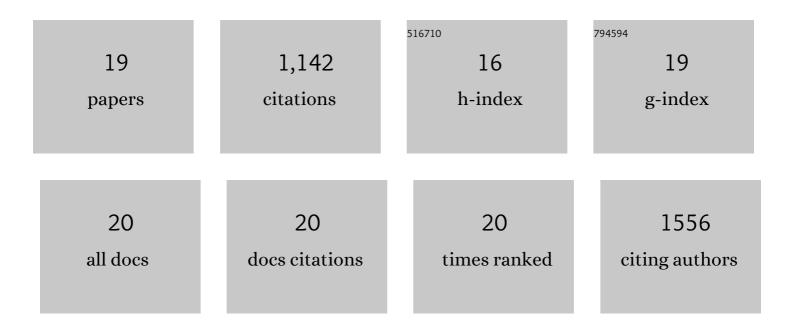
Pillaiyar Puthiaraj

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Zeolite-Like Metal Organic Framework (ZMOF) with a <i>rho</i> 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‣upported Polyaminals. ChemistrySelect, 2019, 4, 8534-8541.	1.5	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.	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	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.	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 (MCTP‑Fe ₃ 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 CO2 and epoxides over a porous covalent triazine-based polymer incorporated with Fe3O4. New Journal of Chemistry, 2018, 42, 12429-12436.	2.8	23
11	Covalent Triazine Polymer–Fe ₃ O 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 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.	5.0	34
14	Cyclic carbonate synthesis from CO2 and epoxides over diamine-functionalized porous organic frameworks. Journal of CO2 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