

Surendran Parambadath

List of Publications by Year in descending order

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894
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#	ARTICLE	IF	CITATIONS
1	Facile synthesis of silver nanoparticles stabilized dual responsive silica nanohybrid: A highly active switchable catalyst for oxidation of alcohols in aqueous medium. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 611, 125846.	4.7	14
2	<i>In situ</i> thermosensitive hybrid mesoporous silica: preparation and the catalytic activities for carbonyl compound reduction. Dalton Transactions, 2021, 50, 11730-11741.	3.3	6
3	Palladium nanoparticles-anchored dual-responsive SBA-15-PNIPAM/PMAA nanoreactor: a novel heterogeneous catalyst for a green Suzuki–Miyaura cross-coupling reaction. RSC Advances, 2020, 10, 28193-28204.	3.6	19
4	Chelation dependent selective adsorption of metal ions by Schiff Base modified SBA-15 from aqueous solutions. Journal of Environmental Chemical Engineering, 2020, 8, 104248.	6.7	14
5	Silver nanoparticles impregnated pH-responsive nanohybrid system for the catalytic reduction of dyes. Microporous and Mesoporous Materials, 2020, 303, 110260.	4.4	21
6	Sulfamerazine Schiff-base complex intercalated layered double hydroxide: synthesis, characterization, and antimicrobial activity. Heliyon, 2019, 5, e01521.	3.2	26
7	Fe ³⁺ -bis-ethylenediamine complex bridged periodic mesoporous organosilica for the efficient removal of arsenate and chromate. Pure and Applied Chemistry, 2018, 90, 869-884.	1.9	8
8	Tunable Intracellular Degradable Periodic Mesoporous Organosilica Hybrid Nanoparticles for Doxorubicin Drug Delivery in Cancer Cells. ACS Biomaterials Science and Engineering, 2018, 4, 175-183.	5.2	36
9	Snap-top nanocontainer for selective recovery of nickel ions from seawater. Microporous and Mesoporous Materials, 2017, 238, 27-35.	4.4	6
10	Amino modified core–shell mesoporous silica based layered double hydroxide (MS-LDH) for drug delivery. Journal of Industrial and Engineering Chemistry, 2017, 53, 392-403.	5.8	34
11	Melamine-Sulfonic Acid Functionalized SBA-15 for Selective Adsorption of Metal Ions from Artificial Seawater and Wastewater. Journal of Nanoscience and Nanotechnology, 2017, 17, 7565-7574.	0.9	4
12	Aminothiozoyl maleamic acid based multi chelating hydrogels for the separation of uranium (VI) ions from aqueous environment. Polymers for Advanced Technologies, 2016, 27, 1317-1324.	3.2	3
13	Rhodamine 6G assisted adsorption of metanil yellow over succinamic acid functionalized MCM-41. Dyes and Pigments, 2016, 131, 177-185.	3.7	31
14	Diffusion mediated selective adsorption of Zn ²⁺ from artificial seawater by MCM-41. Microporous and Mesoporous Materials, 2016, 229, 124-133.	4.4	26
15	Periodic mesoporous organosilica (PMO) containing bridged succinamic acid groups as a nanocarrier for sulfamerazine, sulfadiazine and famotidine: Adsorption and release study. Microporous and Mesoporous Materials, 2016, 225, 174-184.	4.4	20
16	Concentration-dependant selective removal of Cr(III), Pb(II) and Zn(II) from aqueous mixtures using 5-methyl-2-thiophenecarboxaldehyde Schiff base-immobilised SBA-15. Journal of Sol-Gel Science and Technology, 2016, 79, 426-439.	2.4	26
17	Sulphonic acid functionalized periodic mesoporous organosilica with the bridged bisilylated urea groups for high selective adsorption of cobalt ion from artificial seawater. Microporous and Mesoporous Materials, 2016, 226, 179-190.	4.4	33
18	Highly efficient and selective adsorption of In ³⁺ on pristine Zn/Al layered double hydroxide (Zn/Al-LDH) from aqueous solutions. Journal of Solid State Chemistry, 2016, 233, 133-142.	2.9	50

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19	A pH-responsive drug delivery system based on ethylenediamine bridged periodic mesoporous organosilica. Microporous and Mesoporous Materials, 2015, 215, 67-75.	4.4	23
20	Adsorption of Cr(III) ions using 2-(ureylenemethyl)pyridine functionalized MCM-41. Journal of Porous Materials, 2015, 22, 831-842.	2.6	10
21	Pentane-1,2-dicarboxylic acid functionalized spherical MCM-41: A simple and highly selective heterogeneous ligand for the adsorption of Fe ³⁺ from aqueous solutions. Journal of Environmental Chemical Engineering, 2015, 3, 1918-1927.	6.7	19
22	Highly Selective Adsorption of Li ⁺ and Na ⁺ Ions from Wastewater by Sulfonic Acid Modified 2,6-(diureylene)pyridine Bridged Periodic Mesoporous Organosilica. Advanced Porous Materials, 2015, 3, 46-56.	0.3	4
23	Hydrophobically modified spherical MCM-41 as nanovalve system for controlled drug delivery. Microporous and Mesoporous Materials, 2014, 200, 124-131.	4.4	54
24	Heterocyclic tri-urea isocyanurate bridged groups modified periodic mesoporous organosilica synthesized for Fe(III) adsorption. Journal of Solid State Chemistry, 2012, 194, 392-399.	2.9	13
25	Hierarchical mesoporous bio-polymer/silica composites co-templated by trimethyl chitosan and a surfactant for controlled drug delivery. MedChemComm, 2011, 2, 1162.	3.4	30
26	N,N'-diureylenepiperazine-bridged periodic mesoporous organosilica for controlled drug delivery. Microporous and Mesoporous Materials, 2011, 141, 94-101.	4.4	53
27	Periodic mesoporous organosilicas with co-existence of diurea and sulfanilamide as an effective drug delivery carrier. Journal of Solid State Chemistry, 2011, 184, 1208-1215.	2.9	21
28	Ru(II)-Chiral (1R,2S)-(+)-cis-1-amino-2-indanol immobilized over SBA-15 for asymmetric transfer hydrogenation reaction of prochiral ketones. Catalysis Today, 2009, 141, 161-167.	4.4	24