

Surendran Parambadath

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

628
citations

430442

18
h-index

580395

25
g-index

28
all docs

28
docs citations

28
times ranked

894
citing authors

#	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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125846.	2.3	14
2	<i>In situ</i> thermosensitive hybrid mesoporous silica: preparation and the catalytic activities for carbonyl compound reduction. <i>Dalton Transactions</i> , 2021, 50, 11730-11741.	1.6	6
3	Palladium nanoparticles-anchored dual-responsive SBA-15-PNIPAM/PMAA nanoreactor: a novel heterogeneous catalyst for a green Suzuki-Miyaura cross-coupling reaction. <i>RSC Advances</i> , 2020, 10, 28193-28204.	1.7	19
4	Chelation dependent selective adsorption of metal ions by Schiff Base modified SBA-15 from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104248.	3.3	14
5	Silver nanoparticles impregnated pH-responsive nanohybrid system for the catalytic reduction of dyes. <i>Microporous and Mesoporous Materials</i> , 2020, 303, 110260.	2.2	21
6	Sulfamerazine Schiff-base complex intercalated layered double hydroxide: synthesis, characterization, and antimicrobial activity. <i>Heliyon</i> , 2019, 5, e01521.	1.4	26
7	Fe ³⁺ -bis-ethylenediamine complex bridged periodic mesoporous organosilica for the efficient removal of arsenate and chromate. <i>Pure and Applied Chemistry</i> , 2018, 90, 869-884.	0.9	8
8	Tunable Intracellular Degradable Periodic Mesoporous Organosilica Hybrid Nanoparticles for Doxorubicin Drug Delivery in Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 175-183.	2.6	36
9	Snap-top nanocontainer for selective recovery of nickel ions from seawater. <i>Microporous and Mesoporous Materials</i> , 2017, 238, 27-35.	2.2	6
10	Amino modified core-shell mesoporous silica based layered double hydroxide (MS-LDH) for drug delivery. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 53, 392-403.	2.9	34
11	Melamine-Sulfonic Acid Functionalized SBA-15 for Selective Adsorption of Metal Ions from Artificial Seawater and Wastewater. <i>Journal of Nanoscience and Nanotechnology</i> , 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. <i>Polymers for Advanced Technologies</i> , 2016, 27, 1317-1324.	1.6	3
13	Rhodamine 6G assisted adsorption of metanil yellow over succinamic acid functionalized MCM-41. <i>Dyes and Pigments</i> , 2016, 131, 177-185.	2.0	31
14	Diffusion mediated selective adsorption of Zn ²⁺ from artificial seawater by MCM-41. <i>Microporous and Mesoporous Materials</i> , 2016, 229, 124-133.	2.2	26
15	Periodic mesoporous organosilica (PMO) containing bridged succinamic acid groups as a nanocarrier for sulfamerazine, sulfadiazine and famotidine: Adsorption and release study. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 174-184.	2.2	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. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 426-439.	1.1	26
17	Sulphonic acid functionalized periodic mesoporous organosilica with the bridged bisilylated urea groups for high selective adsorption of cobalt ion from artificial seawater. <i>Microporous and Mesoporous Materials</i> , 2016, 226, 179-190.	2.2	33
18	Highly efficient and selective adsorption of In ³⁺ on pristine Zn/Al layered double hydroxide (Zn/Al-LDH) from aqueous solutions. <i>Journal of Solid State Chemistry</i> , 2016, 233, 133-142.	1.4	50

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19	A pH-responsive drug delivery system based on ethylenediamine bridged periodic mesoporous organosilica. <i>Microporous and Mesoporous Materials</i> , 2015, 215, 67-75.	2.2	23
20	Adsorption of Cr(III) ions using 2-(ureylenemethyl)pyridine functionalized MCM-41. <i>Journal of Porous Materials</i> , 2015, 22, 831-842.	1.3	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. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1918-1927.	3.3	19
22	Highly Selective Adsorption of Li ⁺ and Na ⁺ Ions from Wastewater by Sulfonic Acid Modified 2,6-(diureylene)pyridine Bridged Periodic Mesoporous Organosilica. <i>Advanced Porous Materials</i> , 2015, 3, 46-56.	0.3	4
23	Hydrophobically modified spherical MCM-41 as nanovalve system for controlled drug delivery. <i>Microporous and Mesoporous Materials</i> , 2014, 200, 124-131.	2.2	54
24	Heterocyclic tri-urea isocyanurate bridged groups modified periodic mesoporous organosilica synthesized for Fe(III) adsorption. <i>Journal of Solid State Chemistry</i> , 2012, 194, 392-399.	1.4	13
25	Hierarchical mesoporous bio-polymer/silica composites co-templated by trimethyl chitosan and a surfactant for controlled drug delivery. <i>MedChemComm</i> , 2011, 2, 1162.	3.5	30
26	N,N'-diureylenepiperazine-bridged periodic mesoporous organosilica for controlled drug delivery. <i>Microporous and Mesoporous Materials</i> , 2011, 141, 94-101.	2.2	53
27	Periodic mesoporous organosilicas with co-existence of diurea and sulfanilamide as an effective drug delivery carrier. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1208-1215.	1.4	21
28	Ru(II)-Chiral (1R,2S)-(+)-cis-1-amino-2-indanol immobilized over SBA-15 for asymmetric transfer hydrogenation reaction of prochiral ketones. <i>Catalysis Today</i> , 2009, 141, 161-167.	2.2	24