

Hemalatha Pushparaj

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

454
citations

840776

11
h-index

713466

21
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24
all docs

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docs citations

24
times ranked

829
citing authors

#	ARTICLE	IF	CITATIONS
1	A direct synthesis of mesoporous carbon supported MgO sorbent for CO ₂ capture. <i>Fuel</i> , 2011, 90, 1662-1667.	6.4	90
2	Sulfanilamide and silver nanoparticles-loaded polyvinyl alcohol-chitosan composite electrospun nanofibers: Synthesis and evaluation on synergism in wound healing. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 39, 127-135.	5.8	75
3	Zr-Fumarate MOF a Novel CO ₂ -Adsorbing Material: Synthesis and Characterization. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1605-1612.	2.1	37
4	Chitosan cocrystals embedded alginate beads for enhancing the solubility and bioavailability of aceclofenac. <i>International Journal of Biological Macromolecules</i> , 2015, 74, 310-317.	7.5	34
5	Novel microporous hypercross-linked conjugated quinonoid chromophores with broad light absorption and CO ₂ sorption characteristics. <i>RSC Advances</i> , 2014, 4, 3678-3684.	3.6	29
6	Synthesis of copper exchanged heteropolyacids supported on MCM-48 and its application for CO ₂ adsorption. <i>Journal of Industrial and Engineering Chemistry</i> , 2011, 17, 628-632.	5.8	26
7	One pot synthesized Li, Zr doped porous silica nanoparticle for low temperature CO ₂ adsorption. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1501-S1505.	4.9	23
8	Role of ceria in CO ₂ adsorption on NaZSM-5 synthesized using rice husk ash. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 260-265.	5.8	21
9	Development of Duloxetine Hydrochloride Loaded Mesoporous Silica Nanoparticles: Characterizations and In Vitro Evaluation. <i>AAPS PharmSciTech</i> , 2015, 16, 944-951.	3.3	19
10	Adsorption, regeneration and interaction of CO ₂ with a polythiophene-carbon mesocomposite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 374, 48-53.	4.7	15
11	Homopiperazine Grafted Mesoporous Silicas from Rice Husk Ash for CO ₂ Adsorption. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4639-4648.	0.9	13
12	A new fluoride mediated synthesis of mesoporous silica and their usefulness in controlled delivery of duloxetine hydrochloride a serotonin re-uptake inhibitor. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 684-689.	5.8	11
13	Synthesis and characterization of pharmaceutical surfactant templated mesoporous silica: Its application to controlled delivery of duloxetine. <i>Materials Research Bulletin</i> , 2014, 51, 228-235.	5.2	10
14	Development of proton conducting polymer nanocomposite membranes based on SPVdF-HFP and graphene oxide for H ₂ -O ₂ fuel cells. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 283-290.	2.2	9
15	Solvent free synthesis of coumarin derivative by the use of AISBA-1 molecular sieves. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 953-960.	5.8	7
16	Effects of crystallinity of ZSM-5 zeolite on para-selective tert-butylation of ethylbenzene. <i>Chinese Journal of Catalysis</i> , 2013, 34, 294-304.	14.0	6
17	Determination of Tolterodine tartrate in bulk and formulation by extractive colorimetric method using Tropaeolin OOO-1. <i>Tropical Journal of Pharmaceutical Research</i> , 2014, 13, 1667.	0.3	6
18	ESTIMATION OF MELOXICAM IN HUMAN PLASMA BY LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY (LC-MS/MS). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 867-880.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of sulfonated poly(ether ether ketone)/zinc cobalt oxide composite membranes for fuel cell applications. High Performance Polymers, 2020, 32, 984-991.	1.8	5
20	LIQUID CHROMATOGRAPHYâ€“ELECTROSPRAY TANDEM MASS SPECTROMETRY (LC-MS/MS) DETERMINATION OF LANSOPRAZOLE IN HUMAN PLASMA. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 129-142.	1.0	4
21	Facile Colorimetric Determination of Duloxetine in Formulations Using Methyl Orange as Ion-Pairing Agent. Tropical Journal of Pharmaceutical Research, 2013, 12, .	0.3	4
22	Synthesis and Characterization of Novel Mesoporous CuO and Its Application to CO2 Capture. Asian Journal of Chemistry, 2013, 25, 9941-9944.	0.3	3
23	Colourimetric Estimation of Escitalopram Oxalate in Formulation by Ion Association Complex with Methyl Orange. Asian Journal of Chemistry, 2013, 25, 3410-3414.	0.3	2
24	Ion Pair Colorimetric Estimation of Dronedrone HCl in Solid Dosages Using Methyl Orange. Asian Journal of Chemistry, 2014, 26, 621-624.	0.3	0