Anupama Kumar

List of Publications by Year
in descending order

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30	915	471371	526166
papers	citations	17	27
		h-index	g-index

30	30	30	1001
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyphenols in fruit and vegetable peel extract: procedure of selective extraction and method of analysis. Biomass Conversion and Biorefinery, 2023, 13, 3797-3807.	2.9	7
2	Separation and Recovery of 4-Hydroxybenzoic Acid Using Molecular Imprinting Technique from Dilute Solution. Journal of the Institution of Engineers (India): Series E, 2022, 103, 135-143.	0.5	1
3	Water compatible functionalized chitosan-based 4-HBA mimic imprinted polymer as a potential sorbent for salicylic acid. Separation Science and Technology, 2021, 56, 694-707.	1.3	5
4	Adsorption of five emerging contaminants on activated carbon from aqueous medium: kinetic characteristics and computational modeling for plausible mechanism. Environmental Science and Pollution Research, 2021, 28, 21347-21358.	2.7	32
5	Occurrence, fate, persistence and remediation of caffeine: a review. Environmental Science and Pollution Research, 2020, 27, 34715-34733.	2.7	70
6	Graphene oxide-based zirconium oxide nanocomposite for enhanced visible light-driven photocatalytic activity. Research on Chemical Intermediates, 2019, 45, 1689-1705.	1.3	53
7	Acrylamide grafted chitosan based ion imprinted polymer for the recovery of cadmium from nickel-cadmium battery waste. Journal of Environmental Chemical Engineering, 2018, 6, 1828-1839.	3.3	49
8	Ion cum molecularly dual imprinted polymer for simultaneous removal of cadmium and salicylic acid. Journal of Molecular Recognition, 2018, 31, e2630.	1.1	27
9	Chitosan as a substrate for simultaneous surface imprinting of salicylic acid and cadmium. Carbohydrate Polymers, 2018, 202, 334-344.	5.1	47
10	Derivatized Chitosan. , 2018, , 251-284.		9
11	Ecotoxicological risk assessment and seasonal variation of some pharmaceuticals and personal care products in the sewage treatment plant and surface water bodies (lakes). Environmental Monitoring and Assessment, 2017, 189, 446.	1.3	69
12	Chitosan -Based Biosorbents: Modifications and Application for Sequestration of PPCPs and Metals for Water Remediation. , 2017, , 1-25.		2
13	Molecularly imprinted chitosan-based adsorbents for the removal of salicylic acid and its molecular modeling to study the influence of intramolecular hydrogen bonding of template on molecular recognition of molecularly imprinted polymer. Adsorption Science and Technology, 2016, 34, 405-425.	1.5	20
14	Offline solid-phase extraction for preconcentration of pharmaceuticals and personal care products in environmental water and their simultaneous determination using the reversed phase high-performance liquid chromatography method. Environmental Monitoring and Assessment, 2016, 188, 512.	1.3	52
15	Influence of porogens on the specific recognition of molecularly imprinted poly(acrylamide-co-ethylene glycol dimethacrylate). Composite Interfaces, 2014, 21, 13-30.	1.3	13
16	Molecularly imprinted microspheres and nanoparticles prepared using precipitation polymerisation method for selective extraction of gallic acid from Emblica officinalis. Food Chemistry, 2014, 146, 385-393.	4.2	88
17	Quantum chemical density functional theory studies on the molecular structure and vibrational spectra of Gallic acid imprinted polymers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 116, 562-573.	2.0	50
18	Studies of the Molecular Recognition Abilities of Gallic Acid-Imprinted Polymer Prepared Using a Molecular Imprinting Technique. Adsorption Science and Technology, 2012, 30, 23-34.	1.5	14

#	Article	IF	Citations
19	Validation of computational approach to study monomer selectivity toward the template Gallic acid for rational molecularly imprinted polymer design. Journal of Molecular Modeling, 2012, 18, 4797-4810.	0.8	41
20	Effect of the Cryogenic Treatment on Polyamide and Optimization of Its Parameters for the Enhancement of Wear Performance. Transactions of the Indian Institute of Metals, 2012, 65, 313-319.	0.7	19
21	Optimization of Cryo-treatment Parameters for PTFE by Quantum-Chemical Approach and Its Evaluation Through Mechanical, Thermal and Structural Characterization. Transactions of the Indian Institute of Metals, 2012, 65, 365-373.	0.7	8
22	Molecular Imprinting: Mimicking Molecular Receptors for Antioxidants. Materials Science Forum, 2011, 675-677, 515-520.	0.3	10
23	Chromium exchanged insoluble straw xanthate (ISX-Cr3+) for removal of free cyanide: combined effect of ligand-displacement reaction and sorption. Separation Science and Technology, 2002, 37, 2167-2182.	1.3	2
24	Alkali-treated straw and insoluble straw xanthate as low cost adsorbents for heavy metal removal â€“ preparation, characterization and application. Bioresource Technology, 2000, 71, 133-142.	4.8	91
25	Determination of bromide in complex matrices by pre-column derivatization linked to solid-phase extraction and high-performance liquid chromatography. Journal of Chromatography A, 1996, 746, 31-41.	1.8	18
26	Flow-injection spectrophotometric determination of residual free chlorine and chloramine. Fresenius' Journal of Analytical Chemistry, 1995, 351, 335-337.	1.5	26
27	Determination of ascorbic acid in soft drinks, preserved fruit juices and pharmaceuticals by flow injection spectrophotometry: Matrix absorbance correction by treatment with sodium hydroxide. Talanta, 1995, 42, 779-787.	2.9	54
28	Flow injection spectrophotometric determination of nitrite. Talanta, 1994, 41, 1275-1279.	2.9	12
29	Spectrophotometric determination of ascorbic acid in pharmaceuticals by background correction and flow injection. Analyst, The, 1991, 116, 641.	1.7	20
30	Valorization of Punica granatum (pomegranate) peels: a case study of circular bioeconomy. Biomass Conversion and Biorefinery, 0, , 1.	2.9	6