Muhammad Khan

List of Publications by Year
in descending order

35 papers	812 citations	623734 14 h-index	501196 28 g-index
35 all docs	35 docs citations	35 times ranked	1021 citing authors

#	Article	IF	Citations
1	Fluoride and arsenic contamination in drinking water due to mining activities and its impact on local area population. Environmental Science and Pollution Research, 2021, 28, 2355-2368.	5.3	15
2	Spectrophotometric investigation of surfactants mediated aqueous solubilization of Nile blue. Journal of Molecular Liquids, 2021, 331, 115822.	4.9	6
3	Use of Ionic Liquid Pretreated and Fermented Sugarcane Bagasse as an Adsorbent for Congo Red Removal. Polymers, 2021, 13, 3943.	4.5	11
4	Effect of water hardness on the interaction of cationic dye with anionic surfactants. Physics and Chemistry of Liquids, 2020, 58, 8-17.	1.2	5
5	Comparative studies of natural and synthetic surfactants for dyes interactions at their second point of micellisation. Physics and Chemistry of Liquids, 2020, 58, 473-482.	1.2	3
6	Rheological characterization of vegetable oil blends: Effect of shear rate, temperature, and shortâ€term heating. Journal of Food Process Engineering, 2020, 43, e13396.	2.9	8
7	Eco-friendly, biodegradable natural surfactant (Acacia Concinna): An alternative to the synthetic surfactants. Journal of Cleaner Production, 2018, 188, 678-685.	9.3	18
8	Highly selective colorimetric naked-eye Cu²⁺ detection using new bispyrazolone silver nanoparticle-based chemosensor. International Journal of Environmental Analytical Chemistry, 2018, 98, 977-985.	3.3	10
9	Oppositely charged dye surfactant interactions: Extent and selectivity of ion pair formation. Journal of Molecular Liquids, 2018, 266, 591-596.	4.9	17
10	Study of electrolytic effect on the interaction between anionic surfactant and methylene blue using spectrophotometric and conductivity methods. Journal of Molecular Liquids, 2017, 234, 309-314.	4.9	34
11	Physicochemical effect of activation temperature on the sorption properties of pine shell activated carbon. Water Science and Technology, 2017, 75, 1158-1168.	2.5	2
12	Physicochemical effects of alkali treatment on acid-activated pine shell for the removal of lead ions from aqueous medium. Journal of Dispersion Science and Technology, 2017, 38, 1092-1102.	2.4	3
13	Removal studies of lead onto activated carbon derived from lignocellulosicMangifera indicaseed shell. Desalination and Water Treatment, 2016, 57, 11211-11220.	1.0	9
14	Activation energy distribution in pyrolysis of Thar coal, Pakistan. Asia-Pacific Journal of Chemical Engineering, 2015, 10, 297-306.	1.5	1
15	Natural surfactant extracted from Sapindus mukurossi as an eco-friendly alternate to synthetic surfactant â€“ a dye surfactant interaction study. Journal of Cleaner Production, 2015, 93, 145-150.	9.3	56
16	Fluoride estimation and its correlation with other physicochemical parameters in drinking water of some areas of Balochistan, Pakistan. Environmental Monitoring and Assessment, 2015, 187, 531.	2.7	19
17	Conductometric Investigation of the Interaction of Natural and Synthetic Surfactant with Cationic Dye in Waterâ€“Alcohol Mixed Solvent. Journal of Chemical & Engineering Data, 2015, 60, 3009-3017.	1.9	6
18	Study of changes in conductivity and spectral behaviour before and after micelle formation in the dye-surfactant system. Journal of Molecular Liquids, 2014, 197, 191-196.	4.9	34

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19	SURFACE ALTERATION OF ACTIVATED CARBON FOR DETOXIFICATION OF COPPER (II) FROM INDUSTRIAL EFFLUENTS. Surface Review and Letters, 2013, 20, 1350021.	1.1	0
20	The use of indigenous coal reserves for the removal of lead(II) from the aquatic environment by adsorption. International Journal of Environmental Studies, 2012, 69, 888-903.	1.6	2
21	Kinetic studies of pyrolysis and combustion of Thar coal by thermogravimetry and chemometric data analysis. Journal of Thermal Analysis and Calorimetry, 2012, 109, 97-103.	3.6	34
22	Assessment of heavy metal toxicants in the roadside soil along the N-5, National Highway, Pakistan. Environmental Monitoring and Assessment, 2011, 182, 587-595.	2.7	84
23	Chemometric assessment of thermal oxidation of some edible oils. Journal of Thermal Analysis and Calorimetry, 2010, 102, 369-374.	3.6	10
24	Physicochemical Characterization of the Strawberry Samples on Regional Basis Using Multivariate Analysis. International Journal of Food Properties, 2010, 13, 789-799.	3.0	10
25	Kinetic and mechanism study of the oxidative decolorization of neutral red by bromate in micellar medium. Journal of the Iranian Chemical Society, 2009, 6, 533-541.	2.2	6
26	Physicoâ€chemical characterization of date varieties using multivariate analysis. Journal of the Science of Food and Agriculture, 2008, 88, 1051-1059.	3.5	31
27	DETERMINATION OF POINTS OF ZERO CHARGE OF NATURAL AND TREATED ADSORBENTS. Surface Review and Letters, 2007, 14, 461-469.	1.1	131
28	Characterization of chemically modified corncobs and its application in the removal of metal ions from aqueous solution. Journal of Hazardous Materials, 2007, 141, 237-244.	12.4	109
29	Surfactantâ€Mediated Catalytic Determination of Fe(II) in Herbal and Pharmaceutical Products. Journal of Surfactants and Detergents, 2007, 10, 237-242.	2.1	2
30	Physicochemical properties and pollen spectrum of imported and local samples of blossom honey from the Pakistani market. International Journal of Food Science and Technology, 2006, 41, 775-781.	2.7	15
31	Study of dyeâ€“surfactant interaction: Aggregation and dissolution of yellowish in N-dodecyl pyridinum chloride. Fluid Phase Equilibria, 2006, 239, 166-171.	2.5	56
32	Sand sorption process for the removal of sodium dodecyl sulfate (anionic surfactant) from water. Journal of Hazardous Materials, 2006, 133, 269-275.	12.4	43
33	Kinetic Analysis of Cobalt in Veterinary Products. Journal of the Chinese Chemical Society, 2005, 52, 67-70.	1.4	2
34	Adsorptive removal of non-ionic surfactants from water using granite sand. Journal of the Iranian Chemical Society, 2004, 1, 152-158.	2.2	7
35	Determination of Trace Amounts of Copper(II) by Using Catalytic Redox Reaction between Methylene Blue and Ascorbic Acid.. Analytical Sciences, 2001, 17, 1195-1197.	1.6	13