

# Muhammad Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5884288/publications.pdf>

Version: 2024-02-01

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	DETERMINATION OF POINTS OF ZERO CHARGE OF NATURAL AND TREATED ADSORBENTS. <i>Surface Review and Letters</i> , 2007, 14, 461-469.	1.1	131
2	Characterization of chemically modified corncobs and its application in the removal of metal ions from aqueous solution. <i>Journal of Hazardous Materials</i> , 2007, 141, 237-244.	12.4	109
3	Assessment of heavy metal toxicants in the roadside soil along the N-5, National Highway, Pakistan. <i>Environmental Monitoring and Assessment</i> , 2011, 182, 587-595.	2.7	84
4	Study of dye-surfactant interaction: Aggregation and dissolution of yellowish in N-dodecyl pyridinium chloride. <i>Fluid Phase Equilibria</i> , 2006, 239, 166-171.	2.5	56
5	Natural surfactant extracted from <i>Sapindus mukurossi</i> as an eco-friendly alternate to synthetic surfactant – a dye surfactant interaction study. <i>Journal of Cleaner Production</i> , 2015, 93, 145-150.	9.3	56
6	Sand sorption process for the removal of sodium dodecyl sulfate (anionic surfactant) from water. <i>Journal of Hazardous Materials</i> , 2006, 133, 269-275.	12.4	43
7	Kinetic studies of pyrolysis and combustion of Thar coal by thermogravimetry and chemometric data analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 97-103.	3.6	34
8	Study of changes in conductivity and spectral behaviour before and after micelle formation in the dye-surfactant system. <i>Journal of Molecular Liquids</i> , 2014, 197, 191-196.	4.9	34
9	Study of electrolytic effect on the interaction between anionic surfactant and methylene blue using spectrophotometric and conductivity methods. <i>Journal of Molecular Liquids</i> , 2017, 234, 309-314.	4.9	34
10	Physicochemical characterization of date varieties using multivariate analysis. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 1051-1059.	3.5	31
11	Fluoride estimation and its correlation with other physicochemical parameters in drinking water of some areas of Balochistan, Pakistan. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 531.	2.7	19
12	Eco-friendly, biodegradable natural surfactant ( <i>Acacia Concinna</i> ): An alternative to the synthetic surfactants. <i>Journal of Cleaner Production</i> , 2018, 188, 678-685.	9.3	18
13	Oppositely charged dye surfactant interactions: Extent and selectivity of ion pair formation. <i>Journal of Molecular Liquids</i> , 2018, 266, 591-596.	4.9	17
14	Physicochemical properties and pollen spectrum of imported and local samples of blossom honey from the Pakistani market. <i>International Journal of Food Science and Technology</i> , 2006, 41, 775-781.	2.7	15
15	Fluoride and arsenic contamination in drinking water due to mining activities and its impact on local area population. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2355-2368.	5.3	15
16	Determination of Trace Amounts of Copper(II) by Using Catalytic Redox Reaction between Methylene Blue and Ascorbic Acid.. <i>Analytical Sciences</i> , 2001, 17, 1195-1197.	1.6	13
17	Use of Ionic Liquid Pretreated and Fermented Sugarcane Bagasse as an Adsorbent for Congo Red Removal. <i>Polymers</i> , 2021, 13, 3943.	4.5	11
18	Chemometric assessment of thermal oxidation of some edible oils. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 369-374.	3.6	10

#	ARTICLE	IF	CITATIONS
19	Physicochemical Characterization of the Strawberry Samples on Regional Basis Using Multivariate Analysis. <i>International Journal of Food Properties</i> , 2010, 13, 789-799.	3.0	10
20	Highly selective colorimetric naked-eye Cu <sup>2+</sup> detection using new bispyrazolone silver nanoparticle-based chemosensor. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 977-985.	3.3	10
21	Removal studies of lead onto activated carbon derived from lignocellulosic <i>Mangifera indica</i> seed shell. <i>Desalination and Water Treatment</i> , 2016, 57, 11211-11220.	1.0	9
22	Rheological characterization of vegetable oil blends: Effect of shear rate, temperature, and short-term heating. <i>Journal of Food Process Engineering</i> , 2020, 43, e13396.	2.9	8
23	Adsorptive removal of non-ionic surfactants from water using granite sand. <i>Journal of the Iranian Chemical Society</i> , 2004, 1, 152-158.	2.2	7
24	Kinetic and mechanism study of the oxidative decolorization of neutral red by bromate in micellar medium. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 533-541.	2.2	6
25	Conductometric Investigation of the Interaction of Natural and Synthetic Surfactant with Cationic Dye in Water-Alcohol Mixed Solvent. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 3009-3017.	1.9	6
26	Spectrophotometric investigation of surfactants mediated aqueous solubilization of Nile blue. <i>Journal of Molecular Liquids</i> , 2021, 331, 115822.	4.9	6
27	Effect of water hardness on the interaction of cationic dye with anionic surfactants. <i>Physics and Chemistry of Liquids</i> , 2020, 58, 8-17.	1.2	5
28	Physicochemical effects of alkali treatment on acid-activated pine shell for the removal of lead ions from aqueous medium. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 1092-1102.	2.4	3
29	Comparative studies of natural and synthetic surfactants for dyes interactions at their second point of micellisation. <i>Physics and Chemistry of Liquids</i> , 2020, 58, 473-482.	1.2	3
30	Kinetic Analysis of Cobalt in Veterinary Products. <i>Journal of the Chinese Chemical Society</i> , 2005, 52, 67-70.	1.4	2
31	Surfactant-Mediated Catalytic Determination of Fe(II) in Herbal and Pharmaceutical Products. <i>Journal of Surfactants and Detergents</i> , 2007, 10, 237-242.	2.1	2
32	The use of indigenous coal reserves for the removal of lead(II) from the aquatic environment by adsorption. <i>International Journal of Environmental Studies</i> , 2012, 69, 888-903.	1.6	2
33	Physicochemical effect of activation temperature on the sorption properties of pine shell activated carbon. <i>Water Science and Technology</i> , 2017, 75, 1158-1168.	2.5	2
34	Activation energy distribution in pyrolysis of Thar coal, Pakistan. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2015, 10, 297-306.	1.5	1
35	SURFACE ALTERATION OF ACTIVATED CARBON FOR DETOXIFICATION OF COPPER (II) FROM INDUSTRIAL EFFLUENTS. <i>Surface Review and Letters</i> , 2013, 20, 1350021.	1.1	0