

Adnan Ozcan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7361106/publications.pdf>

Version: 2024-02-01

48
papers

5,186
citations

147726

31
h-index

206029

48
g-index

48
all docs

48
docs citations

48
times ranked

4785
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of acid dyes from aqueous solutions onto acid-activated bentonite. <i>Journal of Colloid and Interface Science</i> , 2004, 276, 39-46.	5.0	548
2	Adsorption of Acid Blue 193 from aqueous solutions onto Na ⁺ -bentonite and DTMA ⁺ -bentonite. <i>Journal of Colloid and Interface Science</i> , 2004, 280, 44-54.	5.0	416
3	Kinetics, isotherm and thermodynamic studies of adsorption of Acid Blue 193 from aqueous solutions onto natural sepiolite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 277, 90-97.	2.3	382
4	Adsorption of Acid Blue 193 from aqueous solutions onto BTMA-bentonite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 266, 73-81.	2.3	341
5	Adsorption of Acid Red 57 from aqueous solutions onto surfactant-modified sepiolite. <i>Journal of Hazardous Materials</i> , 2005, 125, 252-259.	6.5	293
6	Preparation of activated carbon from a renewable bio-plant of <i>Euphorbia rigida</i> by H ₂ SO ₄ activation and its adsorption behavior in aqueous solutions. <i>Applied Surface Science</i> , 2007, 253, 4843-4852.	3.1	274
7	Modification of bentonite with a cationic surfactant: An adsorption study of textile dye Reactive Blue 19. <i>Journal of Hazardous Materials</i> , 2007, 140, 173-179.	6.5	262
8	Determination of the equilibrium, kinetic and thermodynamic parameters of adsorption of copper(II) ions onto seeds of. <i>Journal of Hazardous Materials</i> , 2005, 124, 200-208.	6.5	259
9	Equilibrium and kinetics of biosorption of lead(II) from aqueous solutions by <i>Cephalosporium aphidicola</i> . <i>Separation and Purification Technology</i> , 2006, 47, 105-112.	3.9	238
10	Adsorption characteristics of lead(II) ions onto the clay/poly(methoxyethyl)acrylamide (PMEA) composite from aqueous solutions. <i>Desalination</i> , 2008, 223, 308-322.	4.0	171
11	Adsorption of lead(II) ions onto 8-hydroxy quinoline-immobilized bentonite. <i>Journal of Hazardous Materials</i> , 2009, 161, 499-509.	6.5	170
12	Adsorption of Acid Blue 193 from aqueous solutions onto DEDMA-sepiolite. <i>Journal of Hazardous Materials</i> , 2006, 129, 244-252.	6.5	164
13	Biosorption of a reactive textile dye from aqueous solutions utilizing an agro-waste. <i>Desalination</i> , 2009, 249, 757-761.	4.0	135
14	Biosorption kinetics and isotherm studies of Acid Red 57 by dried <i>Cephalosporium aphidicola</i> cells from aqueous solutions. <i>Biochemical Engineering Journal</i> , 2006, 31, 197-203.	1.8	131
15	Biosorption of a textile dye (Acid Blue 40) by cone biomass of <i>Thuja orientalis</i> : Estimation of equilibrium, thermodynamic and kinetic parameters. <i>Bioresource Technology</i> , 2008, 99, 3057-3065.	4.8	127
16	Adsorption behavior of a textile dye of Reactive Blue 19 from aqueous solutions onto modified bentonite. <i>Applied Surface Science</i> , 2010, 256, 5439-5443.	3.1	113
17	Prediction of the kinetics, equilibrium and thermodynamic parameters of adsorption of copper(II) ions onto 8-hydroxy quinoline immobilized bentonite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 317, 174-185.	2.3	98
18	Kinetics and equilibrium studies for the adsorption of Acid Red 57 from aqueous solutions onto calcined-alunite. <i>Journal of Hazardous Materials</i> , 2006, 135, 141-148.	6.5	83

#	ARTICLE	IF	CITATIONS
19	Characterization of Punica granatum L. peels and quantitatively determination of its biosorption behavior towards lead(II) ions and Acid Blue 40. Colloids and Surfaces B: Biointerfaces, 2012, 100, 197-204.	2.5	81
20	Immobilization of 2,2'-dipyridyl onto bentonite and its adsorption behavior of copper(II) ions. Journal of Hazardous Materials, 2009, 163, 418-426.	6.5	80
21	Characterization of natural- and organobentonite by XRD, SEM, FT-IR and thermal analysis techniques and its adsorption behaviour in aqueous solutions. Clay Minerals, 2012, 47, 31-44.	0.2	75
22	Production of biocrudes from biomass in a fixed-bed tubular reactor: product yields and compositions. Fuel, 2001, 80, 1371-1378.	3.4	71
23	Adsorption kinetics of naphthalene onto organo-sepiolite from aqueous solutions. Desalination, 2008, 220, 96-107.	4.0	69
24	Biosorption potential of Neurospora crassa cells for decolorization of Acid Red 57 (AR57) dye. Journal of Chemical Technology and Biotechnology, 2006, 81, 1100-1106.	1.6	60
25	Adsorption of Acid Dyes from Aqueous Solutions onto Sepiolite. Separation Science and Technology, 2005, 39, 301-320.	1.3	59
26	Adsorption behavior of a disperse dye on polyester in supercritical carbon dioxide. Journal of Supercritical Fluids, 2005, 35, 133-139.	1.6	54
27	Biosorption of lead(II) ions onto waste biomass of Phaseolus vulgaris L.: estimation of the equilibrium, kinetic and thermodynamic parameters. Desalination, 2009, 244, 188-198.	4.0	54
28	Adsorption kinetics and isotherm parameters of naphthalene onto natural- and chemically modified bentonite from aqueous solutions. Adsorption, 2013, 19, 879-888.	1.4	48
29	Ion chromatography-potentiometric detection of inorganic anions and cations using polypyrrole and overoxidized polypyrrole electrode. Sensors and Actuators B: Chemical, 2008, 133, 5-14.	4.0	39
30	Adsorption of Nitrate Ions onto Sepiolite and Surfactant-Modified Sepiolite. Adsorption Science and Technology, 2005, 23, 323-334.	1.5	36
31	Utilization of the Phaseolus vulgaris L. Waste biomass for decolorization of the textile dye Acid Red 57: determination of equilibrium, kinetic and thermodynamic parameters. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2007, 42, 591-600.	0.9	34
32	Adsorption Potential of Lead(II) Ions from Aqueous Solutions onto Capsicum annum Seeds. Separation Science and Technology, 2007, 42, 137-151.	1.3	26
33	Adsorption and solid phase extraction of 8-hydroxyquinoline from aqueous solutions by using natural bentonite. Applied Surface Science, 2010, 256, 5422-5427.	3.1	26
34	Preparation of HDTMA-bentonite: Characterization studies and its adsorption behavior toward dibenzofuran. Surface and Interface Analysis, 2010, 42, 1351-1356.	0.8	21
35	Comparison of supercritical fluid and Soxhlet extractions for the quantification of hydrocarbons from Euphorbia macroclada. Talanta, 2004, 64, 491-495.	2.9	20
36	Dithiocarbamated Symphoricarpus albus as a potential biosorbent for a reactive dye. Chemical Engineering Journal, 2012, 211-212, 442-452.	6.6	20

#	ARTICLE	IF	CITATIONS
37	Measurement and correlation of solubility of Acid Red 57 in supercritical carbon dioxide by ion-pairing with hexadecyltrimethylammonium bromide. <i>Journal of Supercritical Fluids</i> , 2006, 37, 23-28.	1.6	15
38	Solubility of an acid dye in supercritical carbon dioxide by ion-pairing with dodecyltrimethylammonium bromide. <i>Fluid Phase Equilibria</i> , 2006, 249, 1-5.	1.4	13
39	Characterization and lead(II) ions removal of modified <i>Punica granatum</i> L. peels. <i>International Journal of Phytoremediation</i> , 2017, 19, 327-339.	1.7	13
40	Phosphate removal potential of the adsorbent material prepared from thermal decomposition of alunite oreâ€“KCl mixture in environmental cleanup. <i>Desalination</i> , 2010, 260, 107-113.	4.0	10
41	Biosorption Characteristics of Cu(II) and Cd(II) Ions by Modified Alginate. <i>Journal of Polymers and the Environment</i> , 2020, 28, 3221-3234.	2.4	10
42	Adsorption of Acid Yellow 99 onto DEDMA-sepiolite from aqueous solutions. <i>International Journal of Environment and Pollution</i> , 2008, 34, 308.	0.2	9
43	Evaluation on dye removal capability of didodecyltrimethylammonium-bentonite from aqueous solutions. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 1211-1220.	1.3	8
44	Effects of different parameters on the synthesis of silica aerogel microspheres in supercritical CO ₂ and their potential use as an adsorbent. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 458-472.	1.1	8
45	Supercritical Fluid Extraction of <i>Euphorbia rigida</i> . <i>Journal of High Resolution Chromatography</i> , 2000, 23, 397-400.	2.0	7
46	Capacity of Activated Carbon Derived from Peach Stones by K ₂ CO ₃ in the Removal of Acid, Reactive, and Direct Dyes from Aqueous Solution. <i>Journal of Environmental Engineering, ASCE</i> , 2009, 135, 333-340.	0.7	7
47	Assessment of adsorption properties of inorganicâ€“organic hybrid cyclomatrix type polyphosphazene microspheres for the removal of Pb(II) ions from aqueous solutions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 721-730.	0.8	7
48	Biosorption performance of thiosalicylic acid modified <i>isatis tinctoria</i> for Pb(II) and Cd(II) ions: batch and column studies. <i>Separation Science and Technology</i> , 2021, 56, 1312-1327.	1.3	1