Deniz Bingl

List of Publications by Year in Descending Order

44 papers	1,022 citations	16 h-index	31 g-index
45 ext. papers	1,161 ext. citations	4.6 avg, IF	4.85 L-index

#	Paper	IF	Citations
44	Ionic hydrophobic deep eutectic solvents in developing air-assisted liquid-phase microextraction based on experimental design: Application to flame atomic absorption spectrometry determination of cobalt in liquid and solid samples. *Food Chemistry*, **2021**, 350, 129237	8.5	10
43	The use of pomegranate seed activated by mechanochemical process as a novel adsorbent for the removal of anionic dyestuffs: response surface method approach. *Chemical Engineering Communications*, **2021**, 208, 1279-1300	2.2	1
42	Cinnamon bark as low-cost and eco-friendly adsorbent for the removal of indigo carmine and malachite green dyestuffs. *International Journal of Environmental Analytical Chemistry*, **2021**, 101, 735-757	1.8	11
41	Optimising the influence of novel citric acid-assisted mechanochemical modification of corncob on Cu2+, Pb2+ and Zn2+ removal. *International Journal of Environmental Analytical Chemistry*, **2021**, 101, 1158-1182	1.8	3
40	Quantification of tributyltin in seawater using triple isotope dilution gas chromatography-inductively coupled plasma mass spectrometry achieving high accuracy and complying with European Water Framework Directive limits. *Journal of Chromatography A*, **2021**,	4.5	2
39	Performance assessment and statistical modeling of modification and adsorptive properties of a lignocellulosic waste modified using reagent assisted mechanochemical process as a low-cost and high-performance method. *Sustainable Chemistry and Pharmacy*, **2020**, 15, 100226	3.9	4
38	Simple and Green Heat-Induced Deep Eutectic Solvent Microextraction for Determination of Lead and Cadmium in Vegetable Samples by Flame Atomic Absorption Spectrometry: a Multivariate Study. *Biological Trace Element Research*, **2020**, 198, 324-331	4.5	7
37	Sorptive performance of marine algae (Ulva lactuca Linnaeus, 1753) with and without ultrasonic-assisted to remove Hg(II) ions from aqueous solutions: optimisation, equilibrium and kinetic evaluation. *International Journal of Environmental Analytical Chemistry*, **2020**, 1-24	1.8	4
36	Performance evaluation of leaching processes with and without ultrasound effect combined with reagent-assisted mechanochemical process for nickel recovery from Laterite: Process optimization and kinetic evaluation. *Minerals Engineering*, **2020**, 157, 106562	4.9	2
35	Vortex assisted-ionic liquid dispersive liquid-liquid microextraction and spectrophotometric determination of quercetin in tea, honey, fruit juice and wine samples after optimization based on response surface methodology. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 221, 117166	4.4	17
34	Comparison of multiple regression analysis using dummy variables and a NARX network model: an example of a heavy metal adsorption process. *Water and Environment Journal*, **2018**, 32, 186-196	1.7	7
33	Removal of anionic surfactant sodium dodecyl sulfate from aqueous solutions by O 3 /UV/H 2 O 2 advanced oxidation process: Process optimization with response surface methodology approach. *Sustainable Environment Research*, **2018**, 28, 65-71	3.8	28
32	Multivariate optimization for removal of some heavy metals using novel inorganic–organic hybrid and calcined materials. *Separation Science and Technology*, **2018**, 53, 2563-2572	2.5	10
31	Selective nickel recovery from iron-rich solutions. *Separation Science and Technology*, **2018**, 53, 559-566	2.5	2
30	A novel reagent-assisted mechanochemical method for nickel recovery from lateritic ore. *Journal of Cleaner Production*, **2018**, 199, 616-632	10.3	23
29	Optimization of Ultrasonication Process for the Degradation of Linear Alkyl Benzene Sulfonic Acid by Response Surface Methodology. *Clean - Soil, Air, Water*, **2018**, 46, 1700508	1.6	2
28	Removal of some heavy metals onto mechanically activated fly ash: Modeling approach for optimization, isotherms, kinetics and thermodynamics. *Chemical Engineering Research and Design*, **2017**, 109, 288-300	5.5	46

27	New InorganicOrganic Hybrid Materials and Their Oxides for Removal of Heavy Metal Ions: Response Surface Methodology Approach. *Journal of Inorganic and Organometallic Polymers and Materials*, **2017**, 27, 427-435	3.2	12
26	Fabrication and characterization of novel macroporous Jeffamine/diamino hexane cryogels for enhanced Cu(II) metal uptake: Optimization, isotherms, kinetics and thermodynamic studies. *Chemical Engineering Research and Design*, **2017**, 117, 122-138	5.5	18
25	A new Schiff base: Synthesis, characterization and optimization of metal ions-binding properties. *Separation Science and Technology*, **2016**, 51, 2138-2144	2.5	5
24	Drinking water quality control: control charts for turbidity and pH. *Journal of Water Sanitation and Hygiene for Development*, **2016**, 6, 511-518	1.5	10
23	Response surface methodology approach to leaching of nickel laterite and evaluation of different analytical techniques used for the analysis of leached solutions. *Analytical Methods*, **2016**, 8, 3075-3087	3.2	7
22	Application of Response Surface Methodology to Electrocoagulation Treatment of Hospital Wastewater. *Clean - Soil, Air, Water*, **2016**, 44, 1516-1522	1.6	8
21	Process modeling and thermodynamics and kinetics evaluation of Basic Yellow 28 adsorption onto sepiolite. *Desalination and Water Treatment*, **2015**, 54, 2023-2035		10
20	Investigation of the effect of physical conditions of a coating bath on the corrosion behavior of zinc coating using response surface methodology. *Protection of Metals and Physical Chemistry of Surfaces*, **2015**, 51, 304-309	0.9	5
19	Full Factorial Design Approach to Hg(II) Adsorption onto Hydrogels. *Arabian Journal for Science and Engineering*, **2015**, 40, 109-116		13
18	Geochemical and spectroscopic investigations of Cd and Pb sorption mechanisms on contrasting biochars: engineering implications. *Bioresource Technology*, **2014**, 171, 442-51	11	120
17	Use of response surface methodology for pretreatment of hospital wastewater by O3/UV and O3/UV/H2O2 processes. *Separation and Purification Technology*, **2014**, 132, 561-567	8.3	40
16	Trace elements and nutrients adsorption onto nano-maghemite in a contaminated-soil solution: A geochemical/statistical approach. *Journal of Hazardous Materials*, **2014**, 276, 271-7	12.8	16
15	Evaluation of Copper Biosorption onto Date Palm (Phoenix dactylifera L.) Seeds with MLR and ANFIS Models. *Industrial & Engineering Chemistry Research*, **2013**, 52, 4429-4435	3.9	18
14	Chemometric evaluation of the heavy metals distribution in waters from the Dilovasi region in Kocaeli, Turkey. *Marine Pollution Bulletin*, **2013**, 68, 134-9	6.7	25
13	Optimization of the Experimental Variables Influencing the Corrosion Rate of Aluminum Using Response Surface Methodology. *Corrosion*, **2013**, 69, 462-467	1.8	10
12	Comparison of the results of response surface methodology and artificial neural network for the biosorption of lead using black cumin. *Bioresource Technology*, **2012**, 112, 111-5	11	113
11	Production of SrCO3 and (NH4)2SO4 by the dry mechanochemical processing of celestite. *Journal of Industrial and Engineering Chemistry*, **2012**, 18, 834-838	6.3	13
10	Removal of Lead (II) from Aqueous Solution on Multiwalled Carbon Nanotube by Using Response Surface Methodology. *Spectroscopy Letters*, **2012**, 45, 324-329	1.1	11

9	Analysis of adsorption of reactive azo dye onto CuCl2 doped polyaniline using BoxBehnken design approach. *Synthetic Metals*, **2012**, 162, 1566-1571	3.6	33
8	Optimization of the Wet Mechanochemical Process Conditions of SrSO4 to SrCO3 and (NH4)2SO4 by Using Response Surface Methodology. *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, **2012**, 43, 1214-1219	2.5	13
7	Optimization of the solid phase extraction method for determination of Cu(II) in natural waters by using response surface methodology. *Analyst, The*, **2011**, 136, 4036-44	5	25
6	Brilliant Yellow dye adsorption onto sepiolite using a full factorial design. *Applied Clay Science*, **2010**, 50, 315-321	5.2	123
5	Neural model for the leaching of celestite in sodium carbonate solution. *Chemical Engineering Journal*, **2010**, 165, 617-624	14.7	16
4	Determination of trace elements in fly ash samples by FAAS after applying different digestion procedure. *Talanta*, **2005**, 66, 600-4	6.2	14
3	Dissolution kinetics of malachite in ammonia/ammonium carbonate leaching. *Hydrometallurgy*, **2005**, 76, 55-62	4	93
2	Dissolution kinetics of malachite in sulphuric acid. *Hydrometallurgy*, **2004**, 72, 159-165	4	71
1	A novel composite derived from carbonized hawthorn waste pulp/marble waste powder by ball milling: preparation, characterization, and usability as bifunctional adsorbent. *Biomass Conversion and Biorefinery*,1	2.3	1