

# Deniz Bingl

## List of Publications by Citations

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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	Brilliant Yellow dye adsorption onto sepiolite using a full factorial design. <i>Applied Clay Science</i> , <b>2010</b> , 50, 315-321	5.2	123
43	Geochemical and spectroscopic investigations of Cd and Pb sorption mechanisms on contrasting biochars: engineering implications. <i>Bioresource Technology</i> , <b>2014</b> , 171, 442-51	11	120
42	Comparison of the results of response surface methodology and artificial neural network for the biosorption of lead using black cumin. <i>Bioresource Technology</i> , <b>2012</b> , 112, 111-5	11	113
41	Dissolution kinetics of malachite in ammonia/ammonium carbonate leaching. <i>Hydrometallurgy</i> , <b>2005</b> , 76, 55-62	4	93
40	Dissolution kinetics of malachite in sulphuric acid. <i>Hydrometallurgy</i> , <b>2004</b> , 72, 159-165	4	71
39	Removal of some heavy metals onto mechanically activated fly ash: Modeling approach for optimization, isotherms, kinetics and thermodynamics. <i>Chemical Engineering Research and Design</i> , <b>2017</b> , 109, 288-300	5.5	46
38	Use of response surface methodology for pretreatment of hospital wastewater by O <sub>3</sub> /UV and O <sub>3</sub> /UV/H <sub>2</sub> O <sub>2</sub> processes. <i>Separation and Purification Technology</i> , <b>2014</b> , 132, 561-567	8.3	40
37	Analysis of adsorption of reactive azo dye onto CuCl <sub>2</sub> doped polyaniline using Box-Behnken design approach. <i>Synthetic Metals</i> , <b>2012</b> , 162, 1566-1571	3.6	33
36	Removal of anionic surfactant sodium dodecyl sulfate from aqueous solutions by O <sub>3</sub> /UV/H <sub>2</sub> O <sub>2</sub> advanced oxidation process: Process optimization with response surface methodology approach. <i>Sustainable Environment Research</i> , <b>2018</b> , 28, 65-71	3.8	28
35	Chemometric evaluation of the heavy metals distribution in waters from the Dilovasi region in Kocaeli, Turkey. <i>Marine Pollution Bulletin</i> , <b>2013</b> , 68, 134-9	6.7	25
34	Optimization of the solid phase extraction method for determination of Cu(II) in natural waters by using response surface methodology. <i>Analyst, The</i> , <b>2011</b> , 136, 4036-44	5	25
33	A novel reagent-assisted mechanochemical method for nickel recovery from lateritic ore. <i>Journal of Cleaner Production</i> , <b>2018</b> , 199, 616-632	10.3	23
32	Evaluation of Copper Biosorption onto Date Palm ( <i>Phoenix dactylifera</i> L.) Seeds with MLR and ANFIS Models. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 4429-4435	3.9	18
31	Fabrication and characterization of novel macroporous Jeffamine/diamino hexane cryogels for enhanced Cu(II) metal uptake: Optimization, isotherms, kinetics and thermodynamic studies. <i>Chemical Engineering Research and Design</i> , <b>2017</b> , 117, 122-138	5.5	18
30	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 221, 117116	4.4	17
29	Trace elements and nutrients adsorption onto nano-maghemite in a contaminated-soil solution: A geochemical/statistical approach. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 276, 271-7	12.8	16
28	Neural model for the leaching of celestite in sodium carbonate solution. <i>Chemical Engineering Journal</i> , <b>2010</b> , 165, 617-624	14.7	16

27	Determination of trace elements in fly ash samples by FAAS after applying different digestion procedure. <i>Talanta</i> , <b>2005</b> , 66, 600-4	6.2	14
26	Production of SrCO <sub>3</sub> and (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> by the dry mechanochemical processing of celestite. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2012</b> , 18, 834-838	6.3	13
25	Full Factorial Design Approach to Hg(II) Adsorption onto Hydrogels. <i>Arabian Journal for Science and Engineering</i> , <b>2015</b> , 40, 109-116		13
24	Optimization of the Wet Mechanochemical Process Conditions of SrSO <sub>4</sub> to SrCO <sub>3</sub> and (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> by Using Response Surface Methodology. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , <b>2012</b> , 43, 1214-1219	2.5	13
23	New Inorganic/Organic Hybrid Materials and Their Oxides for Removal of Heavy Metal Ions: Response Surface Methodology Approach. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2017</b> , 27, 427-435	3.2	12
22	Removal of Lead (II) from Aqueous Solution on Multiwalled Carbon Nanotube by Using Response Surface Methodology. <i>Spectroscopy Letters</i> , <b>2012</b> , 45, 324-329	1.1	11
21	Cinnamon bark as low-cost and eco-friendly adsorbent for the removal of indigo carmine and malachite green dyestuffs. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2021</b> , 101, 735-757 <sup>18</sup>		11
20	Process modeling and thermodynamics and kinetics evaluation of Basic Yellow 28 adsorption onto sepiolite. <i>Desalination and Water Treatment</i> , <b>2015</b> , 54, 2023-2035		10
19	Multivariate optimization for removal of some heavy metals using novel inorganic/organic hybrid and calcined materials. <i>Separation Science and Technology</i> , <b>2018</b> , 53, 2563-2572	2.5	10
18	Optimization of the Experimental Variables Influencing the Corrosion Rate of Aluminum Using Response Surface Methodology. <i>Corrosion</i> , <b>2013</b> , 69, 462-467	1.8	10
17	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. <i>Food Chemistry</i> , <b>2021</b> , 350, 129237	8.5	10
16	Drinking water quality control: control charts for turbidity and pH. <i>Journal of Water Sanitation and Hygiene for Development</i> , <b>2016</b> , 6, 511-518	1.5	10
15	Application of Response Surface Methodology to Electrocoagulation Treatment of Hospital Wastewater. <i>Clean - Soil, Air, Water</i> , <b>2016</b> , 44, 1516-1522	1.6	8
14	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. <i>Biological Trace Element Research</i> , <b>2020</b> , 198, 324-331	4.5	7
13	Comparison of multiple regression analysis using dummy variables and a NARX network model: an example of a heavy metal adsorption process. <i>Water and Environment Journal</i> , <b>2018</b> , 32, 186-196	1.7	7
12	Response surface methodology approach to leaching of nickel laterite and evaluation of different analytical techniques used for the analysis of leached solutions. <i>Analytical Methods</i> , <b>2016</b> , 8, 3075-3087	3.2	7
11	Investigation of the effect of physical conditions of a coating bath on the corrosion behavior of zinc coating using response surface methodology. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2015</b> , 51, 304-309	0.9	5
10	A new Schiff base: Synthesis, characterization and optimization of metal ions-binding properties. <i>Separation Science and Technology</i> , <b>2016</b> , 51, 2138-2144	2.5	5

9	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. <i>Sustainable Chemistry and Pharmacy</i> , <b>2020</b> , 15, 100226	3.9	4
8	Sorptive performance of marine algae ( <i>Ulva lactuca</i> Linnaeus, 1753) with and without ultrasonic-assisted to remove Hg(II) ions from aqueous solutions: optimisation, equilibrium and kinetic evaluation. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2020</b> , 1-24	1.8	4
7	Optimising the influence of novel citric acid-assisted mechanochemical modification of corncob on Cu <sup>2+</sup> , Pb <sup>2+</sup> and Zn <sup>2+</sup> removal. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2021</b> , 101, 1158-1182	1.8	3
6	Selective nickel recovery from iron-rich solutions. <i>Separation Science and Technology</i> , <b>2018</b> , 53, 559-566	2.5	2
5	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. <i>Minerals Engineering</i> , <b>2020</b> , 157, 106562	4.9	2
4	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. <i>Journal of Chromatography A</i> , <b>2021</b> , 1637, 1619-17	4.5	2
3	Optimization of Ultrasonication Process for the Degradation of Linear Alkyl Benzene Sulfonic Acid by Response Surface Methodology. <i>Clean - Soil, Air, Water</i> , <b>2018</b> , 46, 1700508	1.6	2
2	A novel composite derived from carbonized hawthorn waste pulp/marble waste powder by ball milling: preparation, characterization, and usability as bifunctional adsorbent. <i>Biomass Conversion and Biorefinery</i> , <b>2021</b> , 11, 1000-1010	2.3	1
1	The use of pomegranate seed activated by mechanochemical process as a novel adsorbent for the removal of anionic dyestuffs: response surface method approach. <i>Chemical Engineering Communications</i> , <b>2021</b> , 208, 1279-1300	2.2	1