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AKSARAY ÜNİVERSİTESİ
MÜHENDİSLİK FAKÜLTESİ
ÇEVRE MÜHENDİSLİĞİ BÖLÜMÜ



SCI EXPANDED, SSCI, AHCI, ESCI KAPSAMINDA TARANAN DERGİ YAYINLARI

Yıl	Yazarlar	Yayın ismi	Dergi, Cilt, No, Sayfa	Dergi Sınıfı
2026	H Çelebi, B Koc-Bilican, T Bahadır, İ Şimşek, Ş Tulun, I Bilican	Eco-friendly treatment of toxic reactive textile dyestuffs using biogenic eggshell powder	International Journal of Environmental Science and Technology 23 (5), 351	Q2
2025	H Koçyiğit, G Gök, H Çelebi	From garbage to biosorbent: overview raw and hexane purified almond shells for nickel (II) ions removal	Applied Water Science 15 (7), 165	Q1
2025	E. Esmeray, E. Özkök, H. Çelebi, M. Karataş, İ. Pekgözlü	Synthesis and Application of Boron-Based Sr ₂ Mg(BO ₃) ₂ for the Efficient Adsorptive Removal of Reactive Red 195 from Aqueous Solutions	ChemistrySelect, https://doi.org/10.1002/slct.202504898	Q3
2025	H Çelebi, T Bahadır, Ş Tulun, İ Şimşek, I Bilican	Utilization of peanut shell: investigating the adsorption mechanism and optimization of red 195 and reactive black-5	International Journal of Environmental Science and Technology 22 (1), 219-236	Q2
2024.	Akpınar, Ş., Gurbuz, F., Özcan, S., Odabaşı, M.,	Biopolymeric Composite Columns for Improving Water Quality in a Freshwater Stream Receiving Wastewater Treatment Plant Effluents.	J. Polym. Environ. 1–13. https://doi.org/10.1007/s10924-024-03335-0	Q1



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2024	Alper Alver, Bahar Akyüz Yılmaz, Behlül Koç Bilican, Emine Baştürk, Murat Kaya & Mustafa Işık	Carbamazepine Adsorption onto Giant Macroporous Silica and Adaptive Neuro-Fuzzy Inference System Modeling	<i>Arabian Journal for Science and Engineering</i> , 49, 8509-8524	Q2
2024	Şimşek, İ., Bahadır, T., Çelebi, H., Tulun, Ş.,	Selective adsorption of single and binary dyestuffs by citrus peel: Characterization, and adsorption performance	<i>Chemosphere</i> , 352, 141475. https://doi.org/10.1016/j.chemosphere.2024.141475	Q1
2023	Bahadır, T., Şimşek, İ., Tulun, Ş., Çelebi, H.	Use of different food wastes as green biosorbent: isotherm, kinetic, and thermodynamic studies of Pb ²⁺	<i>Environmental Science and Pollution Research</i> , 30, 103324-103338. https://doi.org/10.1007/s11356-023-29745-6	Q2
2023	Celebi, H., Bahadır, T., Bilican, I.	An inclusive physico-chemical perspective on food waste: Textural and morphological structure	<i>Materials Chemistry and Physics</i> , 310, 128461. https://doi.org/10.1016/j.materchemphys.2023.128461	Q2
2023	Durdu B. · Gurbuz · F*, Koçyiğit H, Gurbuz M.	Urbanization-driven soil degradation; ecological risks and human health implications.	<i>Environ Monit Assess</i> (2023) 195:1002. https://doi.org/10.1007/s10661-023-11595-x	Q3
2023	Bahadır, T., Gök, G., Çelebi, H., Şimşek, Ş., Gök, O.	Seafood Wastes as an Attractive Biosorbent: Chitin-Based Shrimp Shells	<i>Water, Air, & Soil Pollution</i> , 234(3), 145	Q3



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			https://doi.org/10.1007/s11270-023-06167-1	
2023	Çelebi, H., Şimşek, İ., Bahadır, T., Tulun, Ş.	Use of banana peel for the removal of boron from aqueous solutions in the batch adsorption system	International Journal of Environmental Science and Technology 20, 161-176 https://doi.org/10.1007/s13762-022-04566-1	Q3
2022	<u>Kaplan- Can H.* Kavlak S., Gurbuz F*, Odabaşı M,</u>	<u>Insights into the Viscoelastic Peculiarities of Cyanobacterial Extracellular Polymeric Substance (EPS).</u>	<u>Journal of Polymers and the Environment</u> volume 30, pages3055–3062 (2022)	Q1
2022	Alver A., Bastürk E., Altaş, L., Işık M	. Solution of taste and odor problem with activated carbon adsorption in drinking water: detailed kinetics and isotherms	Desalination and Water Treatment 252, 300-318, DOI: 10.5004/dwt.2022.28269	Q4
2022	Sönmez G., Bahadır T., Işık M.,	Removal of selected pharmaceuticals from tap water by the Fenton process	International Journal of Environmental Analytical Chemistry 102 (16), 3855-3867 https://doi.org/10.1080/03067319.2020.1776860	Q3
2022	Şimşek, İ., Altaş, L.	A fast and effective method for ammonium removal: Emulsion Liquid Membrane	Process Safety and Environmental Protection 167(2022)1-11	Q1



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2021	Alacabey İ, Acet Ö, Önal B, Dikici E, Karakoç V, Gurbuz F , Alkan H& M Odabaşı (2021)	Pumice particle interface: A case study for Immunoglobulin G purification' (2021)	Polymer Bulletin v 78, pages5593–5607 https://doi.org/10.1007/s00289-020-03392-0	Q2
2021	Bastürk E., Karataş M.	Removal of pharmaceuticals by advanced treatment methods	Journal of Environmental Management 300(2021) 113808	Q1
2021	Bastürk E., Karataş M.	Photocatalytic removal of endocrine disrupting compounds from aqueous solution by different size nano-TiO ₂ under artificial UVA	Desalination and Water Treatment doi: 10.5004/dwt.2021.27148 224 (2021) 322–330	Q4
2021	Kayranlı, B., Gok, O., Yılmaz, T., Gok, G., Çelebi, H., Seçkin, İ.Y., Mesutoğlu, OÇ.	Low-cost organic adsorbent usage for removing Ni ²⁺ and Pb ²⁺ from aqueous solution and adsorption mechanisms	International Journal of Environmental Science and Technology, https://doi.org/10.1007/s13762-021-03653-z	Q3
2021	Kayranlı, B., Gok, O., Yılmaz, T., Gok, G., Çelebi, H., Seçkin, İ.Y., Kalat, D.	Zinc Removal Mechanisms with Recycled Lignocellulose: from Fruit Residual to Biosorbent then Soil Conditioner	Water Air and Soil Pollution, 232, 8, 1-15	Q3



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2021	Çelebi, H., Bilican İ., Bahadır, T.	Applicability of innovative adsorbents in geogenic arsenic removal	Journal of Cleaner Production, 237, 129475	Q1
2021	Koçak, E., Kılavuz, S. A., Öztürk, F., İmamoğlu, İ., & Tuncel, G.	Characterization and source apportionment of carbonaceous aerosols in fine particles at urban and suburban atmospheres of Ankara, Turkey	Environmental Science and Pollution Research	Q2
2021	Tulun, Ş., Gürbüz E., Arsu, T	Developing a GIS-based landfill site suitability map for the Aksaray Province, Turkey	Environmental Earth Sciences (in press)	Q3
2021	Çelebi, Ö., Şimşek, İ. & Çelebi, H.	<i>Escherichia coli</i> inhibition and arsenic removal from aqueous solutions using raw eggshell matrix.	International Journal of Environmental Science and Technology,(2021).	Q2
2021	Çelebi H.	Use of bioballs as an adsorbent for the removal of copper	Journal of the Chemical Society of Pakistan 43(2), 114-123.	Q4
2021	Bastürk E., Işık M, Karataş M.	Usage of titanium nanomaterial for the decolorization of methylene blue and reactive red 198 dyes by sonocatalysis	Desalination and Water Treatment doi: 10.5004/dwt.2021.27171 224 (2021) 389–394	Q4
2020	Bilican, İ., Bahadır, T., Bilgin, K., Güler, M.T.	Alternative Screening Method for Analyzing the Water Samples Through an electrical microfluidics chip with Classical Microbiological Assaycomparison of <i>P. aeruginosa</i>	Talanta, 129, 121293.	Q1
2020	Çelebi H.	Recovery of detox tea wastes: Usage as a lignocellulosic adsorbent in Cr ⁶⁺ adsorption	Journal of Environmental Chemical Engineering, 8, 104310.	Q1



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2020	Çelebi H., Gök G., Gök O.	Adsorption capability of brewed tea waste in waters containing toxic lead(II), cadmium (II), nickel (II), and zinc(II) heavy metal ions	Scientific Reports, 10, 17570	Q1
2020	Solmaz A., Işık M	Optimization of membrane photobioreactor; the effect of hydraulic retention time on biomass production and nutrient removal by mixed microalgae culture	Biomass and Bioenergy, 142, 105809	Q1
2020	Kahraman Ö., Şimşek İ.	r removal from denim production facility wastewater by electrochemical treatment process and optimization with regression method	Journal of Cleaner Production, 267, 122168	Q1
2020	Alper Alver, Emine Baştürk, Şevket Tulun and İsmail Şimşek	Adaptive neuro-fuzzy inference system modeling of 2,4-dichlorophenol adsorption on wood-based activated carbon	<i>Environmental Progress & Sustainable Energy</i> e13413.DOI: 10.1002/ep.13413	Q3
2020	Şevket Tulun	Treatment of leachate using up-flow anaerobic sludge blanket reactors/vertical flow subsurface constructed wetlands	<i>Ecological Chemistry and Engineering S</i> , 27(1), 129-137.	Q4
2020	Alacabey İ, Acet Ö, Önal B, Dikici E, Karakoç V, Gurbuz F, Alkan H& M Odabaşı	Pumice particle interface: A case studyfor Immunoglobulin G purification	Polymer Bulletin https://doi.org/10.1007/s00289-020-03392-0	Q2
2019	Kaplan Can H. Gurbuz F., Odabaşı M	Partial characterization of cyanobacterial extracellular polymeric substances for aquatic ecosystems	Aquatic Ecology 53:431–440	Q3



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2019	Gurbuz F, Akpınar Ş., Özcan S., Acet Ömür, Odabaşı M.	Reducing arsenic and groundwater contaminants down to safe level for drinking purposes via Fe ³⁺ -attached hybrid column	Environmental Monitoring Assessment 191,(12),722	Q3
2019	Gurbuz F, Ozcan A, Ciftci, H., Acet O., Odabasi M	Treatment of textile effluents through bio-composite column: decolorization and COD reduction	International Journal of Environmental Science and Technology 16:8653–8662	Q3
2019	Çelebi H.	The applicability of evaluable wastes for the adsorption of Reactive Black 5	International Journal of Environmental Science and Technology, 16, 135-146.	Q2
2019	Şevket Tulun and Melayib Bilgin	Enhancement of anaerobic digestion of waste activated sludge by chemical pretreatment	<i>Fuel</i> ,DOI:10.1016/j.fuel.2019.1 15671	Q1
2019	Solmaz A., Işık M	Effect of Sludge Retention Time on Biomass Production and Nutrient Removal at an Algal Membrane Photobioreactor	BioEnergy Research, 12(1), 197-204	Q3
2019	Solmaz A., Işık M	Polishing the secondary effluent and biomass production by microalgae submerged membrane photo bioreactor	Sustainable Energy Technologies and Assessments, 34, 1-8.	Q2
2019	Bastürk E., Işık M, Karataş M.	Removal of aniline (Methylene Blue) and azo (Reactive Red 198) dyes by photocatalysis via nano TiO ₂	Desalination and Water Treatment, 143, 306-313	Q4
2018	Çelebi H., Gök O.	Effect of triclosan exposure on mortality and behavioral changes of <i>Poecilia reticulata</i> and <i>Danio rerio</i>	Human and Ecological Risk Assessment: An International Journal, 5, 1327-1341.	Q3



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2018	Ozcan S., Çelebi H., Ozcan Z.	Removal of heavy metals from simulated water by using eggshell powder	Desalination and Water Treatment, 127, 75-82.	Q4
2018	Ciftci H, Atik S, Gurbuz. F	Biocatalytic and chemical leaching of a low-grade nickel laterite ore	Metall. Res. Technol. 115, 305	Q4
2017	Alkan MH, Ceylan Cömert Ş, Gurbuz F, Odabaşı M	Cu ²⁺ -attached pumice particles embedded composite cryogels for protein purification.	Artificial Cells, Nanomedicine, and Biotechnology. 45, (1), 90–97	Q1
2017	Çelebi H., Gök O.	Evaluation of lead adsorption kinetics and isotherms from aqueous solution using natural walnut shell	International Journal of Environmental Research, 11 (1), 83-90	Q3
2017	Şevket Tulun and Melayib Bilgin	Ultrasonic and thermal pretreatment of apple pomace to improve biochemical methane potential	<i>Environmental Progress & Sustainable Energy</i> , DOI: 10.1002/ep.12836	Q3
2017	Güliden Gök, Şevket Tulun and Orhan A. Gürbüz	Consumer Behavior and Policy about E-waste in Aksaray and Niğde Cities, Turkey	<i>CLEAN – Soil, Air, Water</i> , DOI: 10.1002/clen.201500733	Q2
2017	Gök G., Akdağ Ü., Palancıoğlu H., Demiral D., Metin F., Işık M.	“Fiberboard panel from waste milk box packaging: A novel product	Fresenius Environmental Bulletin, 26(5), 3409-3414	Q4
2016	Çelebi H., Gök O., Sponza D.	Removals of non-analogous OTC and BaP in AMCBR with and without primary substrate,	Environmental Technology, 37:14, 1768-1781	Q3
2016	Bilgin M. and Tulun S.	Heavy metals (Cu, Cd and Zn) contaminated soil removal by EDTA and FeCl ₃	Global NEST Journal, 18(1), 98-107	Q4
2016	Melayib Bilgin, Şevket Tulun	Use of diatomite for the removal of lead ions from water: thermodynamics and kinetics	<i>Biotechnology & Biotechnological Equipment</i> , 29 (4), 696-704	Q4
2015	Ayman Z, Işık M.“	Pharmaceutically active compounds in water,Aksaray, Turkey.	CLEAN - Soil, Air, Water, 43 (10) 1357-1442	Q2



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