

Ulku Yetis

List of Publications by Year in descending order

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96
papers

3,303
citations

126858

33
h-index

155592

55
g-index

96
all docs

96
docs citations

96
times ranked

3635
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Fenton oxidation to improve the biodegradability of a pharmaceutical wastewater. <i>Journal of Hazardous Materials</i> , 2006, 136, 258-265.	6.5	283
2	Formation of chlorination by-products in waters with low SUVA correlations with SUVA and differential UV spectroscopy. <i>Water Research</i> , 2007, 41, 4139-4148.	5.3	199
3	Effectiveness of algae in the treatment of a wood-based pulp and paper industry wastewater. <i>Bioresource Technology</i> , 2002, 84, 1-5.	4.8	128
4	Life cycle assesment of municipal solid waste management methods: Ankara case study. <i>Environment International</i> , 2006, 32, 405-411.	4.8	126
5	The environmental impacts of iron and steel industry: a life cycle assessment study. <i>Journal of Cleaner Production</i> , 2016, 130, 195-201.	4.6	112
6	Biological treatment and nanofiltration of denim textile wastewater for reuse. <i>Journal of Hazardous Materials</i> , 2008, 153, 1142-1148.	6.5	100
7	Membrane based strategies for the pre-treatment of acid dye bath wastewaters. <i>Journal of Hazardous Materials</i> , 2006, 135, 423-430.	6.5	99
8	The removal of Pb(II) by <i>Phanerochaete chrysosporium</i> . <i>Water Research</i> , 2000, 34, 4090-4100.	5.3	98
9	Minimization of water and chemical use in a cotton/polyester fabric dyeing textile mill. <i>Journal of Cleaner Production</i> , 2016, 130, 92-102.	4.6	87
10	Sustainable textile production: cleaner production assessment/eco-efficiency analysis study in a textile mill. <i>Journal of Cleaner Production</i> , 2016, 138, 248-263.	4.6	87
11	A chemical substitution study for a wet processing textile mill in Turkey. <i>Journal of Cleaner Production</i> , 2009, 17, 239-247.	4.6	79
12	Occurrence of disinfection by-products in low DOC surface waters in Turkey. <i>Journal of Hazardous Materials</i> , 2007, 142, 526-534.	6.5	77
13	Mechanistics of nickel sorption by activated sludge. <i>Process Biochemistry</i> , 2002, 37, 1307-1315.	1.8	74
14	Removal of disinfection by-product precursors by UF and NF membranes in low-SUVA waters. <i>Journal of Membrane Science</i> , 2009, 328, 104-112.	4.1	67
15	An investigation of heavy metal biosorption in relation to C/N ratio of activated sludge. <i>Journal of Hazardous Materials</i> , 2006, 137, 990-997.	6.5	66
16	Combined effects of Ni(II) and Cr(VI) on activated sludge. <i>Water Research</i> , 1998, 32, 303-312.	5.3	63
17	Treatment of a denim producing textile industry wastewater using pilot-scale membrane bioreactor. <i>Desalination</i> , 2009, 240, 143-150.	4.0	63
18	Hazardous waste management system design under population and environmental impact considerations. <i>Journal of Environmental Management</i> , 2017, 203, 720-731.	3.8	63

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19	Evaluation of Integrated Pollution Prevention Control in a textile fiber production and dyeing mill. <i>Journal of Cleaner Production</i> , 2015, 88, 116-124.	4.6	62
20	Decolorization of wastewater of a baker's yeast plant by membrane processes. <i>Water Research</i> , 2002, 36, 609-616.	5.3	61
21	Trihalomethanes and associated potential cancer risks in the water supply in Ankara, Turkey. <i>Environmental Research</i> , 2004, 96, 345-352.	3.7	58
22	Analysis of the best available techniques for wastewaters from a denim manufacturing textile mill. <i>Journal of Environmental Management</i> , 2017, 203, 1118-1125.	3.8	56
23	Triclosan removal from surface water by ozonation - Kinetics and by-products formation. <i>Journal of Environmental Management</i> , 2017, 204, 327-336.	3.8	56
24	Adoption of European Union's IPPC Directive to a textile mill: Analysis of water and energy consumption. <i>Journal of Environmental Management</i> , 2009, 91, 102-113.	3.8	50
25	Effect of nickel(ii) on activated sludge. <i>Water Research</i> , 1989, 23, 1003-1007.	5.3	49
26	Formation of nitrogen functionalities in biochar materials and their role in the mitigation of hazardous emerging organic pollutants from wastewater. <i>Journal of Hazardous Materials</i> , 2021, 416, 126131.	6.5	47
27	Effect of chromium(VI) on activated sludge. <i>Water Research</i> , 1991, 25, 65-73.	5.3	46
28	Brackish water recovery from reactive dyeing wastewater via ultrafiltration. <i>Journal of Cleaner Production</i> , 2017, 165, 1204-1214.	4.6	46
29	Indigo dyeing wastewater reclamation by membrane-based filtration and coagulation processes. <i>Desalination</i> , 2009, 240, 178-185.	4.0	45
30	Reclamation of acid dye bath wastewater: Effect of pH on nanofiltration performance. <i>Journal of Membrane Science</i> , 2006, 281, 560-569.	4.1	42
31	Nutritional and cultural parameters influencing antidipteran delta-endotoxin production. <i>Research in Microbiology</i> , 2003, 154, 49-53.	1.0	41
32	A new screening index for pesticides leachability to groundwater. <i>Journal of Environmental Management</i> , 2019, 231, 1193-1202.	3.8	38
33	Nanofiltration and Reverse Osmosis for Reuse of Indigo Dye Rinsing Waters. <i>Separation Science and Technology</i> , 2010, 45, 331-338.	1.3	37
34	Microfiltration/ultrafiltration as pretreatment for reclamation of rinsing waters of indigo dyeing. <i>Desalination</i> , 2009, 240, 198-208.	4.0	34
35	Effect of chromium(VI) on the biomass yield of activated sludge. <i>Enzyme and Microbial Technology</i> , 1999, 25, 48-54.	1.6	33
36	Effects of Bromide Ion and Natural Organic Matter Fractions on the Formation and Speciation of Chlorination By-Products. <i>Journal of Environmental Engineering, ASCE</i> , 2007, 133, 947-954.	0.7	31

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37	Biosorption of Ni(ii) and Pb(ii) by <i>Phanerochaete chrysosporium</i> from a binary metal system – kinetics. <i>Water S A</i> , 2004, 27, 15.	0.2	30
38	Ozonation pre and post-treatment of denim textile mill effluents: Effect of cleaner production measures. <i>Journal of Cleaner Production</i> , 2016, 137, 1-9.	4.6	29
39	A new approach in assessing slurry filterability. <i>Journal of Membrane Science</i> , 2007, 303, 72-79.	4.1	27
40	Determination of groundwater threshold values: A methodological approach. <i>Journal of Cleaner Production</i> , 2020, 253, 120001.	4.6	27
41	Effects of Heavy Metals on Activated Sludge Process. <i>Water Science and Technology</i> , 1992, 26, 801-813.	1.2	26
42	Specific Cake Resistance: Myth or Reality?. <i>Water Science and Technology</i> , 1993, 28, 91-101.	1.2	23
43	Removal of THM precursors by GAC: Ankara case study. <i>Water Research</i> , 2002, 36, 1379-1384.	5.3	23
44	Triclosan removal by NF from a real drinking water source – Effect of natural organic matter. <i>Chemical Engineering Journal</i> , 2016, 283, 330-337.	6.6	23
45	Spatial distribution and source identification of persistent organic pollutants in the sediments of the Yeşilırmak River and coastal area in the Black Sea. <i>Marine Pollution Bulletin</i> , 2021, 172, 112884.	2.3	23
46	Nickel sorption by acclimatized activated sludge culture. <i>Water Research</i> , 2003, 37, 3508-3516.	5.3	22
47	Reclamation of printing effluents of a carpet manufacturing industry by membrane processes. <i>Journal of Membrane Science</i> , 2006, 277, 120-128.	4.1	22
48	Imidacloprid elimination by O ₃ and O ₃ /UV: kinetics study, matrix effect, and mechanism insight. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24535-24551.	2.7	19
49	Effects of CU (II) on a chemostat containing activated sludge. <i>Environmental Technology (United)</i> Tj ETQq1 1 0.784314 rgBT /Overlo 1.2 18	1.2	18
50	A membrane-based co-treatment strategy for the recovery of print- and beck-dyeing textile effluents. <i>Journal of Hazardous Materials</i> , 2008, 152, 316-323.	6.5	18
51	Hazardous wastes and waste generation factors for plastic products manufacturing industries in Turkey. <i>Sustainable Environment Research</i> , 2017, 27, 188-194.	2.1	18
52	Pb(II) biosorption using anaerobically digested sludge. <i>Journal of Hazardous Materials</i> , 2006, 137, 1674-1680.	6.5	16
53	The most effective pre-treatment to nanofiltration for the recovery of print dyeing wastewaters. <i>Desalination</i> , 2007, 212, 103-113.	4.0	16
54	Purification and Concentration of Caustic Mercerization Wastewater by Membrane Processes and Evaporation for Reuse. <i>Separation Science and Technology</i> , 2014, 49, 1968-1977.	1.3	15

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55	Effect of nickel(II) on the biomass yield of the activated sludge. <i>Water Science and Technology</i> , 1996, 34, 163-171.	1.2	15
56	Recovery of caustic from mercerizing wastewaters of a denim textile mill. <i>Desalination and Water Treatment</i> , 2015, 53, 3418-3426.	1.0	14
57	Assessment of the best available wastewater management techniques for a textile mill: cost and benefit analysis. <i>Water Science and Technology</i> , 2010, 61, 963-970.	1.2	13
58	Substance flow analysis of mercury in Turkey for policy decision support. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2996-3008.	2.7	12
59	Performance of ozone and peroxone on the removal of endocrine disrupting chemicals (EDCs) coupled with cost analysis. <i>Water Science and Technology</i> , 2020, 82, 640-650.	1.2	12
60	Water savings and sludge minimization in a beet-sugar factory through re-design of the wastewater treatment facility. <i>Journal of Cleaner Production</i> , 2003, 11, 327-331.	4.6	10
61	Microfiltration: a pretreatment alternative for indigo dyeing textile wastewater. <i>Desalination</i> , 2006, 199, 515-517.	4.0	10
62	Occurrence of micropollutants in the Yesilirmak River Basin, Turkey. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24830-24846.	2.7	9
63	Application of the contingent valuation method in a developing country: a case study of the Yusufeli Dam in northeast Turkey. <i>Water Science and Technology</i> , 2010, 62, 99-105.	1.2	8
64	Challenges in Development and Implementation of Healthâ€Riskâ€Based Soil Quality Guidelines: Turkey's Experience. <i>Risk Analysis</i> , 2011, 31, 657-667.	1.5	8
65	Improvement of Primary Settling Performance with Activated Sludge. <i>Environmental Technology (United Kingdom)</i> , 2002, 23, 363-372.	1.2	7
66	Is adsorption an artifact in experimentation with Triclosan?. <i>Desalination and Water Treatment</i> , 2014, 52, 7101-7107.	1.0	7
67	Fate of triclosan in laboratory-scale activated sludge reactors - Effect of culture acclimation. <i>Journal of Environmental Management</i> , 2018, 216, 320-327.	3.8	7
68	A strategy for the implementation of water-quality-based discharge limits for the regulation of hazardous substances. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24706-24720.	2.7	7
69	Effect of Color and Surfactants on Nanofiltration for the Recovery of Carpet Printing Wastewaters. <i>Separation Science and Technology</i> , 2006, 41, 2771-2784.	1.3	6
70	Biocides in drinking water system of Ankara, Turkey. <i>Desalination and Water Treatment</i> , 2015, 53, 3253-3262.	1.0	6
71	Evaluation of Environmental Performance Based on Proximity to Bat Associated Resource Utilization and Emission Values: A Case Study in a Steel-Making Industry. <i>Waste and Biomass Valorization</i> , 2016, 7, 975-993.	1.8	5
72	Implementation of the European Unionâ€™s Nitrates Directive in Turkey. <i>Desalination and Water Treatment</i> , 2013, 51, 4171-4182.	1.0	4

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73	Identification of management strategies and generation factors for spent lead acid battery recovery plant wastes in Turkey. <i>Waste Management and Research</i> , 2019, 37, 199-209.	2.2	4
74	Identification of waste management strategies and waste generation factors for thermal power plant sector wastes in Turkey. <i>Waste Management and Research</i> , 2019, 37, 210-218.	2.2	4
75	Evaluation of Organochlorine Pesticides (OCPs) and Polychlorinated Biphenyls (PCBs) Concentrations in the River and Marine Sediments of Samsun Coastline. <i>Journal of Water Chemistry and Technology</i> , 2021, 43, 131-138.	0.2	4
76	Use of theoretical waste inventories in planning and monitoring of hazardous waste management systems. <i>Waste Management and Research</i> , 2014, 32, 763-771.	2.2	3
77	Assessing technologies for reducing dust emissions from sintermaking based on cross-media effects and economic analysis. <i>Clean Technologies and Environmental Policy</i> , 2020, 22, 1909-1928.	2.1	3
78	The Izmir Bay Wastewater Management Project – Economical Considerations. <i>Water Science and Technology</i> , 1992, 26, 2613-2616.	1.2	3
79	Reducing chlorinated organics, AOX, in the bleachery effluents of a Turkish pulp and paper plant. <i>Water Science and Technology</i> , 1996, 34, 97-104.	1.2	3
80	Sulfate removal from drinking water by commercially available nanofiltration membranes: a parametric study. , 0, 205, 296-307.		3
81	Removal of pesticides from secondary treated urban wastewater by reverse osmosis. <i>Environmental Science and Pollution Research</i> , 2023, 30, 8732-8745.	2.7	3
82	Water Quality, Pollution and Conservation. , 2008, , 227-256.		2
83	Current practices in hazardous waste management in Turkey. <i>Desalination and Water Treatment</i> , 2011, 26, 111-117.	1.0	2
84	Hazardous waste management in Turkey: current legislative requirements and future challenges. <i>Desalination and Water Treatment</i> , 2011, 26, 152-159.	1.0	2
85	An Approach for Determination of Natural Background Concentrations for Metals in Surface Waters: A Case Study for Gediz Basin. <i>Turkish Journal of Water Science and Management</i> , 2019, 3, 2-21.	0.2	2
86	Implementation of the European Union's Bathing Water Directive in Turkey. <i>Journal of Environmental Management</i> , 2009, 90, 2780-2784.	3.8	1
87	Water Reuse Strategies: Iron and Steel Industry Case Study. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2011, , 141-158.	0.1	1
88	Solid waste management scenarios for Cetinje in Montenegro. <i>Waste Management and Research</i> , 2015, 33, 477-485.	2.2	1
89	Characterization of effluents from chlorine dioxide substitution bleaching and oxygen-reinforced extraction. <i>Water Science and Technology</i> , 1997, 36, 353-360.	1.2	1
90	Management of Groundwater Quality and Quantity: Gediz River Basin Pilot Study. <i>Turkish Journal of Water Science and Management</i> , 2018, 2, 84-109.	0.2	1

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91	Toxicity of environmentally important micropollutants on three trophic levels. Aquatic Research, 2022, 5, 20-28.	0.3	1
92	Investigating the effect of solids retention time on pesticides removal in an activated sludge process. Sustainable Chemistry and Pharmacy, 2022, 29, 100784.	1.6	1
93	A CASE STUDY FOR CONTROL STRUCTURE SELECTION: CHLORINATION STAGE IN THE BLEACHING PROCESS OF A PULP AND PAPER PLANT. Chemical Engineering Communications, 2004, 191, 87-104.	1.5	0
94	Hazardous waste generation in Turkish pesticide industry. Desalination and Water Treatment, 2016, 57, 26280-26285.	1.0	0
95	A practical approach for the determination of environmental quality standards-based discharge limits: the case of Tersakan sub-basin of Yeşilırmak River in Turkey. Environmental Science and Pollution Research, 2021, 28, 38730-38748.	2.7	0
96	Fouling Analysis for Different UF Membranes in Reactive Dyeing Wastewater Treatment. Lecture Notes in Civil Engineering, 2017, , 650-655.	0.3	0