Serdar Dogruel

List of Publications by Year
in descending order

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35 papers	1,073 citations	516710 16 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	1017 citing authors

#	Article	IF	Citations
1	Particle size distribution as a major characteristic of domestic wastewater: implications for the modeling and design of membrane bioreactors. Journal of Chemical Technology and Biotechnology, 2021, 96, 825-836.	3.2	10
2	Anatomy of the organic carbon in an industrial wastewater: Implications of particle size distribution, respirometry and process modelling. Chemical Engineering Research and Design, 2021, 146, 257-266.	5.6	2
3	Particle size distribution of chemical oxygen demand in industrial effluents: impact on effective filtration size and modelling of membrane bioreactors. Journal of Chemical Technology and Biotechnology, 2021, 96, 1777-1784.	3.2	7
4	Impact of ultrasonic pretreatment on Fenton-based oxidation of olive mill wastewater - towards a sustainable treatment scheme. Journal of Cleaner Production, 2021, 313, 127948.	9.3	20
5	Co-metabolism of olive mill wastewater in sequencing batch reactor under aerobic conditions after Fenton-based oxidation. Journal of Water Process Engineering, 2021, 43, 102277.	5.6	11
6	Performance of ozone and peroxone on the removal of endocrine disrupting chemicals (EDCs) coupled with cost analysis. Water Science and Technology, 2020, 82, 640-650.	2.5	12
7	Ozonation in advanced treatment of secondary municipal wastewater effluents for the removal of micropollutants. Environmental Science and Pollution Research, 2020, 27, 45460-45475.	5.3	15
8	Effect of ultrasonic and microwave disintegration on physico-chemical and biodegradation characteristics of waste-activated sludge. Environmental Technology (United Kingdom), 2017, 38, 844-859.	2.2	16
9	Kinetic characterization of acetate utilization and response of microbial population in super fast membrane bioreactor. Journal of Membrane Science, 2014, 455, 392-404.	8.2	28
10	Effect of ferric chloride coagulation, lime precipitation, electrocoagulation and the Fenton's reagent on the particle size distribution of olive mill wastewater. International Journal of Global Warming, 2014, 6, 194.	0.5	8
11	Biodegradation characteristics and size fractionation of landfill leachate for integrated membrane treatment. Journal of Hazardous Materials, 2013, 260, 825-832.	12.4	36
12	Potential of ultrafiltration for organic matter removal in the polymer industry effluent based on particle size distribution analysis. Environmental Science and Pollution Research, 2013, 20, 340-350.	5.3	14
13	Biodegradation characteristics of high strength municipal wastewater supported by particle size distribution. Desalination and Water Treatment, 2012, 45, 11-20.	1.0	16
14	Particle size distribution based evaluation of biodegradation and treatability for leachate from organic waste. Journal of Chemical Technology and Biotechnology, 2011, 86, 1364-1373.	3.2	13
15	Effect of Fenton's oxidation on the particle size distribution of organic carbon in olive mill wastewater. Water Research, 2009, 43, 3974-3983.	11.3	58
16	COD fractionation of tannery wastewatersâ€"Particle size distribution, biodegradability and modeling. Water Research, 2008, 42, 1083-1092.	11.3	97
17	Effect of chemical and biological treatment on COD fingerprints of textile wastewaters. Water Science and Technology, 2007, 55, 277-287.	2.5	15
18	Effect of Ozonation on Biodegradability Characteristics of Surplus Activated Sludge. Ozone: Science and Engineering, 2007, 29, 191-199.	2.5	14

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19	Coagulation-Flocculation of Wastewaters from a Water-Based Paint and Allied Products Industry and its Effect on Inert COD. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2006, 41, 1843-1852.	1.7	14
20	Size distribution of wastewater COD fractions as an index for biodegradability. Water Research, 2006, 40, 273-282.	11.3	133
21	Effect of ozonation on chemical oxygen demand fractionation and color profile of textile wastewaters. Journal of Chemical Technology and Biotechnology, 2006, 81, 426-432.	3.2	15
22	An investigation on the optimal location of ozonation within biological treatment for a tannery wastewater. Journal of Chemical Technology and Biotechnology, 2006, 81, 1877-1885.	3.2	44
23	Evaluation of Coagulation-Flocculation on a COD-Based Molecular Size Distribution for a Textile Finishing Mill Effluent. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2006, 41, 1899-1908.	1.7	5
24	Combined chemical and biological oxidation of penicillin formulation effluent. Journal of Environmental Management, 2004, 73, 155-163.	7.8	88
25	Pre-treatment of penicillin formulation effluent by advanced oxidation processes. Journal of Hazardous Materials, 2004, 112, 105-113.	12.4	159
26	Biological treatability of raw and ozonated penicillin formulation effluent. Journal of Hazardous Materials, 2004, 116, 159-166.	12.4	53
27	Ozonation of Nonbiodegradable Organics in Tannery Wastewater. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2004, 39, 1705-1715.	1.7	30
28	Feasibility Analysis of In-Plant Control for Water Minimization and Wastewater Reuse in a Wool Finishing Textile Mill. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2004, 39, 1819-1832.	1.7	9
29	Effect of stream segregation on ozonation for the removal of significant COD fractions from textile wastewater. Journal of Chemical Technology and Biotechnology, 2003, 78, 6-14.	3.2	17
30	Wastewater Reuse for the Minimization of Fresh Water Demand in Coastal Areasâ€"Selected Cases from the Textile Finishing Industry. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2003, 38, 1641-1657.	1.7	12
31	Assessment of source-based nitrogen removal alternatives in leather tanning industry wastewater. Water Science and Technology, 2002, 45, 205-215.	2.5	22
32	In-plant control applications and their effect on treatability of a textile mill wastewater. Water Science and Technology, 2002, 45, 287-295.	2.5	11
33	Ozonation application in activated sludge systems for a textile mill effluent. Water Science and Technology, 2002, 45, 305-313.	2.5	18
34	Effect of chemical treatment on soluble residual COD in textile wastewaters. Water Science and Technology, 2002, 45, 251-259.	2.5	17
35	A scientific approach to wastewater recovery and reuse in the textile industry. Water Science and Technology, 2001, 43, 223-231.	2.5	34