

# Sureyya Meric

## List of Publications by Year in descending order

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72  
papers

5,839  
citations

109264

35  
h-index

98753

67  
g-index

75  
all docs

75  
docs citations

75  
times ranked

7289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence patterns of pharmaceuticals in water and wastewater environments. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1225-1234.	1.9	734
2	Pharmaceutical residues in environmental waters and wastewater: current state of knowledge and future research. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 251-275.	1.9	718
3	Chemical and biological treatment technologies for leather tannery chemicals and wastewaters: A review. <i>Science of the Total Environment</i> , 2013, 461-462, 265-281.	3.9	393
4	Polymer functionalized nanocomposites for metals removal from water and wastewater: An overview. <i>Water Research</i> , 2016, 92, 22-37.	5.3	289
5	Color and COD removal from wastewater containing Reactive Black 5 using Fenton's oxidation process. <i>Chemosphere</i> , 2004, 54, 435-441.	4.2	271
6	Review on endocrine disrupting-emerging compounds in urban wastewater: occurrence and removal by photocatalysis and ultrasonic irradiation for wastewater reuse. <i>Desalination</i> , 2007, 215, 166-176.	4.0	239
7	Overview of in-situ applicable nitrate removal processes. <i>Desalination</i> , 2007, 204, 46-62.	4.0	238
8	Degradation of diclofenac by TiO <sub>2</sub> photocatalysis: UV absorbance kinetics and process evaluation through a set of toxicity bioassays. <i>Water Research</i> , 2009, 43, 979-988.	5.3	236
9	Antibiotic resistance genes in treated wastewater and in the receiving water bodies: A pan-European survey of urban settings. <i>Water Research</i> , 2019, 162, 320-330.	5.3	231
10	Heterogenous photocatalytic degradation kinetics and detoxification of an urban wastewater treatment plant effluent contaminated with pharmaceuticals. <i>Water Research</i> , 2009, 43, 4070-4078.	5.3	214
11	Analytical methods for tracing pharmaceutical residues in water and wastewater. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 515-533.	5.8	213
12	Acute toxicity removal in textile finishing wastewater by Fenton's oxidation, ozone and coagulation-flocculation processes. <i>Water Research</i> , 2005, 39, 1147-1153.	5.3	166
13	Ultrasonic degradation, mineralization and detoxification of diclofenac in water: Optimization of operating parameters. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 179-185.	3.8	144
14	Fate of pharmaceuticals in contaminated urban wastewater effluent under ultrasonic irradiation. <i>Water Research</i> , 2009, 43, 4019-4027.	5.3	133
15	An heterotrophic/autotrophic denitrification (HAD) approach for nitrate removal from drinking water. <i>Process Biochemistry</i> , 2006, 41, 1022-1028.	1.8	71
16	Optimization of alum-coagulation/flocculation for COD and TSS removal from five municipal wastewater. <i>Desalination</i> , 2007, 211, 113-127.	4.0	70
17	Degradation of antibiotic ampicillin on boron-doped diamond anode using the combined electrochemical oxidation - Sodium persulfate process. <i>Journal of Environmental Management</i> , 2018, 223, 878-887.	3.8	69
18	Application of oxidative removal of NOM to drinking water and formation of disinfection by-products. <i>Desalination</i> , 2005, 176, 155-166.	4.0	66

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19	Toxicity of leather tanning wastewater effluents in sea urchin early development and in marine microalgae. <i>Chemosphere</i> , 2005, 61, 208-217.	4.2	64
20	Investigation of the relation between COD fractions and the toxicity in a textile finishing industry wastewater: Effect of preozonation. <i>Desalination</i> , 2007, 211, 314-320.	4.0	61
21	Levels and toxicity of polycyclic aromatic hydrocarbons in marine sediments. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 653-664.	5.8	60
22	Existence of Pharmaceutical Compounds in Tertiary Treated Urban Wastewater that is Utilized for Reuse Applications. <i>Water Resources Management</i> , 2011, 25, 1183-1193.	1.9	59
23	Vegetable and synthetic tannins induce hormesis/toxicity in sea urchin early development and in algal growth. <i>Environmental Pollution</i> , 2007, 146, 46-54.	3.7	57
24	Opinion paper about organic trace pollutants in wastewater: Toxicity assessment in a European perspective. <i>Science of the Total Environment</i> , 2019, 651, 3202-3221.	3.9	57
25	Monitoring and modeling of trihalomethanes (THMs) for a water treatment plant in Istanbul. <i>Desalination</i> , 2005, 176, 91-101.	4.0	55
26	Heterotrophic/autotrophic denitrification (HAD) of drinking water: prospective use for permeable reactive barrier. <i>Desalination</i> , 2007, 210, 194-204.	4.0	55
27	Multi-species toxicity evaluation of a chromium-based leather tannery wastewater. <i>Desalination</i> , 2007, 211, 48-57.	4.0	51
28	Decolourisation and detoxifying of Remazol Red dye and its mixture using Fenton's reagent. <i>Desalination</i> , 2005, 173, 239-248.	4.0	50
29	Fenton's oxidation of various-based tanning materials. <i>Desalination</i> , 2007, 211, 10-21.	4.0	46
30	Removal of THM precursors from a high-alkaline surface water by enhanced coagulation and behaviour of THMFP toxicity on <i>D. magna</i> . <i>Desalination</i> , 2005, 176, 177-188.	4.0	45
31	A comprehensive approach to winery wastewater treatment: a review of the state-of-the-art. <i>Desalination and Water Treatment</i> , 2016, 57, 3011-3028.	1.0	43
32	The effect of pre-ozone oxidation on acute toxicity and inert soluble COD fractions of a textile finishing industry wastewater. <i>Journal of Hazardous Materials</i> , 2006, 137, 254-260.	6.5	41
33	A review on pumice for water and wastewater treatment. <i>Desalination and Water Treatment</i> , 2016, 57, 18131-18143.	1.0	39
34	Preparation of N-isopropylacrylamide/itaconic acid/Pumice highly swollen composite hydrogels to explore their removal capacity of methylene blue. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 519, 245-253.	2.3	39
35	DBPs formation and toxicity monitoring in different origin water treated by ozone and alum/PAC coagulation. <i>Desalination</i> , 2007, 210, 31-43.	4.0	38
36	Characterization, Fluxes and Toxicity of Leather Tanning Bath Chemicals in a Large Tanning District Area (IT). <i>Water, Air and Soil Pollution</i> , 2008, 8, 529-542.	0.8	37

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37	Fenton oxidation treatment of tannery wastewater and tanning agents: synthetic tannin and nonylphenol ethoxylate based degreasing agent. <i>Desalination and Water Treatment</i> , 2010, 23, 173-180.	1.0	35
38	Toxicity of Bauxite Manufacturing By-products in Sea Urchin Embryos. <i>Ecotoxicology and Environmental Safety</i> , 2002, 51, 28-34.	2.9	31
39	Chloride or sulfate? Consequences for ozonation of textile wastewater. <i>Journal of Environmental Management</i> , 2019, 247, 749-755.	3.8	29
40	Removal of Color and COD from a Mixture of Four Reactive Azo Dyes Using Fenton Oxidation Process. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2003, 38, 2241-2250.	0.9	26
41	Manganese adsorption by iron impregnated pumice composite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 279-286.	2.3	23
42	Multi-parametric water quality monitoring approach according to the WFD application in Evros trans-boundary river basin: priority pollutants. <i>Desalination</i> , 2008, 226, 306-320.	4.0	22
43	An OUR-based approach to determine the toxic effects of 2,4-dichlorophenoxyacetic acid in activated sludge. <i>Journal of Hazardous Materials</i> , 2003, 101, 147-155.	6.5	21
44	Heterogeneous photocatalytic degradation, mineralization and detoxification of ampicillin under varying pH and incident photon flux conditions. <i>Desalination and Water Treatment</i> , 2016, 57, 18391-18397.	1.0	18
45	Wastewater Toxicity of Tannin- Versus Chromium-Based Leather Tanneries in Marrakesh, Morocco. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 53, 321-328.	2.1	17
46	A multi-battery toxicity investigation on fungicides. <i>Desalination</i> , 2008, 226, 262-270.	4.0	17
47	Bauxite manufacturing residues from Gardanne (France) and Portovesme (Italy) exert different patterns of pollution and toxicity to sea urchin embryos. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1272-1278.	2.2	15
48	Treatment of reactive dyes and textile finishing wastewater using Fenton's oxidation for reuse. <i>International Journal of Environment and Pollution</i> , 2005, 23, 248.	0.2	15
49	Removal of Trace Pollutants from Wastewater in Constructed Wetlands. <i>Springer Briefs in Molecular Science</i> , 2012, , 39-58.	0.1	15
50	Removal of antibiotics in a parallel-plate thin-film-photocatalytic reactor: Process modeling and evolution of transformation by-products and toxicity. <i>Journal of Environmental Sciences</i> , 2017, 60, 114-122.	3.2	14
51	Preparation and characterization of chitosan/AMPS/kaolinite composite hydrogels for adsorption of methylene blue. <i>Polymer Bulletin</i> , 2022, 79, 9643-9662.	1.7	14
52	Effect and Control of Pollution in Catchment Area of Lake Sapanca, Turkey. <i>Environmental Management</i> , 1998, 22, 407-414.	1.2	13
53	MICROBIAL AND COD REMOVAL IN A MUNICIPAL WASTEWATER TREATMENT PLANT USING COAGULATION FLOCCULATION PROCESS. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 1483-1494.	0.9	13
54	Occurrence and potential risks of emerging contaminants in water. , 2020, , 1-25.		13

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55	Effect of Perozonation on Biodegradability and Toxicity of a Penicillin Formulation Effluent. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2006, 41, 1887-1897.	0.9	12
56	The role of operating parameters and irradiation on the electrochemical degradation of tetracycline on boron doped diamond anode in environmentally relevant matrices. Journal of Chemical Technology and Biotechnology, 2018, 93, 3648-3655.	1.6	11
57	A comparative study on the control of disinfection by-products (DBPs) and toxicity in drinking water. Desalination and Water Treatment, 2011, 26, 165-171.	1.0	10
58	Effect of bromide and other factors on brominated trihalomethanes formation in treated water supply in Jordan. Desalination and Water Treatment, 2016, 57, 15304-15313.	1.0	9
59	Sustainable wastewater management in developing countries: are constructed wetlands a feasible approach for wastewater reuse?. International Journal of Environment and Pollution, 2008, 33, 82.	0.2	7
60	Scientific basis of dissolved organic carbon limitation for landfilling of municipal treatment sludge – Is it attainable and justifiable?. Waste Management, 2014, 34, 1657-1666.	3.7	7
61	A multifaceted aggregation and toxicity assessment study of sol-gel-based TiO <sub>2</sub> nanoparticles during textile wastewater treatment. Desalination and Water Treatment, 2016, 57, 4966-4973.	1.0	7
62	Potential reuse of a leather tanning and an urban wastewater treatment plant effluent in Italy. International Journal of Environment and Pollution, 2006, 28, 100.	0.2	5
63	Chemically enhanced membrane process – towards a novel sewage treatment concept to potentially replace biological processes. Desalination and Water Treatment, 2016, 57, 16238-16249.	1.0	5
64	Photocatalytic activity based-optimization of TTIP thin films for E. coli inactivation: Effect of Mn and Cu dopants. Catalysis Today, 2017, 280, 86-92.	2.2	5
65	Sustainable technologies for recycling and reuse: an overview. Environmental Science and Pollution Research, 2018, 25, 2993-2995.	2.7	5
66	Preparation and characterization of chitosan/hyaluronic acid/itaconic acid hydrogel composite to remove manganese in aqueous solution. , 0, 209, 204-211.		4
67	Ecotoxicological and inorganic chemicals' characterization of rainwater in an urban residential area. Desalination and Water Treatment, 2015, 56, 1291-1298.	1.0	3
68	Photocatalytic Bacteria Inactivation by TiO <sub>2</sub> -Ag based Photocatalysts and the Effect on Antibiotic Resistance Profile. Current Analytical Chemistry, 2020, 17, 98-106.	0.6	3
69	Wastewater Reuse, Risk Assessment, Decision-Making – A Three-Ended Narrative Subject. , 2007, , 193-204.		1
70	Photocatalytic Decolorization of Two Remazol Dyes Using TiO <sub>2</sub> Impregnated Pumice Composite as Catalyst. , 2019, , 125-136.		1
71	Research potential of doctoral studies on environmental sciences and engineering. Desalination and Water Treatment, 2011, 26, 3-13.	1.0	0
72	Toxicity evolution of alum-coagulated municipal wastewater to sea urchin embryogenesis and fertilization. Desalination and Water Treatment, 2014, 52, 3004-3011.	1.0	0