

Izzet Ozturk

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,625
citations

218677

26
h-index

206112

48
g-index

108
all docs

108
docs citations

108
times ranked

2802
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary and A-sludge treatment by anaerobic membrane bioreactors in view of energy-positive wastewater treatment plants. <i>Bioresource Technology</i> , 2022, 351, 126965.	9.6	5
2	Assessing the potential impacts of the Canal Istanbul on the physical oceanography of the Turkish Straits System. <i>Continental Shelf Research</i> , 2022, 240, 104723.	1.8	2
3	AtÄ±ksu ArÄ±tma Tesisinden AtÄ±ksu Rafinerisine. , 2022, , 385-410.		0
4	Impacts of a Floating Structure on the Residence Time in a Poorly Flushed Estuary, Golden Horn. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2022, 148, .	1.2	0
5	Removal of Taste and Odor Causing Compounds from Drinking Water Sources by Peroxone Process: Laboratory and Pilot Scale Studies. <i>Ozone: Science and Engineering</i> , 2021, 43, 527-537.	2.5	5
6	Analysis of Eutrophication Potential in Main Drinking Water Basins of Istanbul. <i>Clean - Soil, Air, Water</i> , 2021, 49, 2000222.	1.1	1
7	Marmaraâ€™da Deniz SalyasÄ± Sorunu: TanÄ±mÄ±, Sebepleri, BoyutlarÄ±, DeÄŸerlendirme ve Ä±zÄ±m Önerileri. , 2021, 2, 11-47.		2
8	Applications of Extended Ozonation at Different Stages of A Full Scale Municipal Wastewater Treatment Plant. <i>Ozone: Science and Engineering</i> , 2021, 43, 538-545.	2.5	3
9	Retrofitting of Five Preliminary Wastewater Treatment Plants in Istanbul (Turkey) to High-Rate Activated Sludge System and/or Post Oxidation. <i>Ozone: Science and Engineering</i> , 2020, 42, 255-266.	2.5	5
10	Hydrodynamics of Canal Istanbul and its impact in the northern Sea of Marmara under extreme conditions. <i>Ocean Dynamics</i> , 2020, 70, 745-758.	2.2	7
11	Removal of taste and odor from drinking water: performance evaluation and upgrade options for the treatment plants in Istanbul. <i>Pamukkale University Journal of Engineering Sciences</i> , 2020, 26, 505-512.	0.4	1
12	Management of wastewater in rural districts of Istanbul metropolitan municipality. <i>Water Science and Technology</i> , 2019, 79, 2079-2085.	2.5	1
13	Testing various scenarios to improve circulation in Golden Horn: A case study. <i>Marine Pollution Bulletin</i> , 2019, 146, 598-607.	5.0	5
14	Energy recovery potential of anaerobic digestion of excess sludge from high-rate activated sludge systems co-treating municipal wastewater and food waste. <i>Energy</i> , 2019, 172, 1027-1036.	8.8	35
15	3D Numerical Modeling of Exchange Flows in Golden Horn Estuary. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2019, 145, .	1.2	10
16	Assessing the Impact of CFSR and Local Climate Datasets on Hydrological Modeling Performance in the Mountainous Black Sea Catchment. <i>Water (Switzerland)</i> , 2019, 11, 2277.	2.7	10
17	Treatment of cheese whey by a cross-flow anaerobic membrane bioreactor: Biological and filtration performance. <i>Environmental Research</i> , 2019, 168, 109-117.	7.5	41
18	Interfacially polymerized thin-film composite membranes: Impact of support layer pore size on active layer polymerization and seawater desalination performance. <i>Separation and Purification Technology</i> , 2019, 212, 438-448.	7.9	73

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19	High-rate activated sludge processes for municipal wastewater treatment: the effect of food waste addition and hydraulic limits of the system. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1770-1780.	5.3	26
20	Towards sustainable and energy efficient municipal wastewater treatment by up-concentration of organics. <i>Progress in Energy and Combustion Science</i> , 2019, 70, 145-168.	31.2	103
21	Co-digestion performance of organic fraction of municipal solid waste with leachate: Preliminary studies. <i>Waste Management</i> , 2018, 71, 775-784.	7.4	37
22	Long-Term 3D Hydrodynamic Modeling and Water Surface Statistics in Marmara Sea. <i>Marine Geodesy</i> , 2018, 41, 126-143.	2.0	3
23	Life cycle assessment of upgrading options of a preliminary wastewater treatment plant including food waste addition. <i>Water Research</i> , 2018, 145, 518-530.	11.3	42
24	Evaluation of algae related taste and odor problem in drinking water. <i>Pamukkale University Journal of Engineering Sciences</i> , 2018, 24, 1141-1156.	0.4	3
25	Effects of Operating Parameters on Direct Greenhouse Gas Emission in Advanced Biological Wastewater Treatment Plants. <i>Pamukkale University Journal of Engineering Sciences</i> , 2018, 24, 1117-1124.	0.4	0
26	TREATABILITY OF OPIUM ALKALOID INDUSTRY WASTEWATERS BY ANAEROBIC PROCESSES. <i>MÃ¼hendislik Bilimleri Ve Tasarım Dergisi</i> , 2018, 6, 479-486.	0.3	2
27	Effect of Hydraulic Retention Time on the Performance of High-Rate Activated Sludge System: a Pilot-Scale Study. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	25
28	Prioritization methodology of dangerous substances for water quality monitoring with scarce data. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 105-122.	4.1	4
29	Assessing the Water-Resources Potential of Istanbul by Using a Soil and Water Assessment Tool (SWAT) Hydrological Model. <i>Water (Switzerland)</i> , 2017, 9, 814.	2.7	41
30	Importance and Vulnerability Analyses for Functional Zoning in a Coastal District of Turkey. <i>International Journal of Environment and Geoinformatics</i> , 2016, 3, 76-91.	0.8	8
31	Adaptive neuro-fuzzy inference-based modeling of a full-scale expanded granular sludge bed reactor treating corn processing wastewater. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 28, 1601-1616.	1.4	17
32	Effect of maize silage addition on biomethane recovery from mesophilic co-digestion of chicken and cattle manure to suppress ammonia inhibition. <i>Energy Conversion and Management</i> , 2013, 71, 92-100.	9.2	68
33	Ottoman period water structures and water-related architecture: examples in Safranbolu, Turkey. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 743-752.	2.1	2
34	Integrated watershed management efforts: case study from Melen Watershed experiencing interbasin water transfer. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 1272-1280.	2.1	4
35	The feasibility of a centralized biogas plant treating the manure produced by an organized animal farmers union in Turkey. <i>Water Science and Technology</i> , 2012, 66, 556-563.	2.5	9
36	Confectionery industry: a case study on treatability-based effluent characterization and treatment system performance. <i>Water Science and Technology</i> , 2012, 66, 15-20.	2.5	21

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37	A review on dynamic membrane filtration: Materials, applications and future perspectives. <i>Bioresource Technology</i> , 2012, 122, 196-206.	9.6	305
38	Potentials of anaerobic membrane bioreactors to overcome treatment limitations induced by industrial wastewaters. <i>Bioresource Technology</i> , 2012, 122, 160-170.	9.6	217
39	Pilot-scale anaerobic treatment of domestic wastewater in upflow anaerobic sludge bed and anaerobic baffled reactors at ambient temperatures. <i>Desalination and Water Treatment</i> , 2012, 46, 60-67.	1.0	12
40	Estimation of monthly diffuse nutrient loads for a watershed in Turkey. <i>Water and Environment Journal</i> , 2011, 25, 219-229.	2.2	9
41	Source Based Characterization and Pollution Profile of a Baker's Yeast Industry. <i>Clean - Soil, Air, Water</i> , 2011, 39, 543-548.	1.1	19
42	Biomethane Production as an Alternative Bioenergy Source from Codigesters Treating Municipal Sludge and Organic Fraction of Municipal Solid Wastes. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-8.	3.0	21
43	Water quality assessment and meta model development in Melen watershed " Turkey. <i>Journal of Environmental Management</i> , 2010, 91, 1526-1545.	7.8	25
44	Applicability of Anaerobic Digestion Model No. 1 (ADM1) for a specific industrial wastewater: Opium alkaloid effluents. <i>Chemical Engineering Journal</i> , 2010, 165, 89-94.	12.7	44
45	Co-digestion of the organic fraction of municipal solid waste with primary sludge at a municipal wastewater treatment plant in Turkey. <i>Waste Management and Research</i> , 2010, 28, 404-410.	3.9	28
46	Long-term anaerobic treatability studies on opium alkaloids industry effluents. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 192-200.	1.7	11
47	Rehabilitation of Wastewater Treatment Plant of Sakhnin City in Israel by Using Advanced Technologies. , 2010, , 1161-1169.		0
48	Critical evaluation of wastewater treatment and disposal strategies for Istanbul with regards to water quality monitoring study results. <i>Desalination</i> , 2008, 226, 231-248.	8.2	22
49	Identification of Archaeal population in the granular sludge of an UASB reactor treating sewage at low temperatures. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 1504-1510.	1.7	16
50	Rehabilitation of an Available Facultative Pond Unit Using a Trickling Biofilter. <i>Environmental Engineering Science</i> , 2008, 25, 106-113.	1.6	2
51	Application of Water Quality Modelling as a Decision Support System Tool for Planned Büyük Melen Reservoir and Its Watershed. <i>NATO Security Through Science Series C: Environmental Security</i> , 2008, , 227-242.	0.1	3
52	Advanced oxidation treatment of physico-chemically pre-treated olive mill industry effluent. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2007, 42, 741-747.	1.5	32
53	Degree of Sulfate-Reducing Activities on COD Removal in Various Reactor Configurations in Anaerobic Glucose and Acetate-fed Reactors. <i>Clean - Soil, Air, Water</i> , 2007, 35, 178-182.	1.1	10
54	System Performance in UASB Reactors Receiving Increasing Levels of Sulfate. <i>Clean - Soil, Air, Water</i> , 2007, 35, 275-281.	1.1	5

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55	Model Based Evaluation for the Anaerobic Treatment of Corn Processing Wastewaters. Clean - Soil, Air, Water, 2007, 35, 576-581.	1.1	17
56	Rehabilitation by constructed wetlands of available wastewater treatment plant in Sakhnin. Ecological Engineering, 2007, 29, 27-32.	3.6	31
57	Evaluation of in situ ammonia removal in an aerated landfill bioreactor. Process Biochemistry, 2006, 41, 2359-2366.	3.7	44
58	A Comparative Study of Sulfidogenic and Methanogenic Activities During the Treatment of Landfill Leachate: Part I. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2006, 41, 687-701.	1.7	6
59	Behavior of an Up-flow Anaerobic Sludge Bed (UASB) reactor at extreme salinity. Water Science and Technology, 2005, 51, 115-120.	2.5	23
60	Comparative Analysis of Nitrifying Bacteria in Full Scale Oxidation Ditch and Aerated Nitrification Biofilter by Using Fluorescent In Situ Hybridization (FISH) and Denaturing Gradient Gel Electrophoresis (DGGE). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2005, 40, 937-948.	1.7	7
61	Effect of high salinity on anaerobic treatment of low strength effluents. Water Science and Technology, 2004, 48, 207-212.	2.5	16
62	Nutrient removal of ammonia rich effluents in a sequencing batch reactor. Water Science and Technology, 2004, 48, 377-383.	2.5	3
63	Ammonia and pH Inhibition in Anaerobic Treatment of Wastewaters, Part I: Experimental. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2004, 39, 2405-2420.	1.7	0
64	Ammonia and pH Inhibition in Anaerobic Treatment of Wastewaters, Part II: Model Development. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2004, 39, 2421-2435.	1.7	0
65	Advanced physico-chemical treatment experiences on young municipal landfill leachates. Waste Management, 2003, 23, 441-446.	7.4	233
66	Anaerobic Digestion of Municipal Sludges with High Silt Content Using Granular Seed. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2003, 38, 2369-2379.	1.7	1
67	Advanced Oxidation of Biologically Pretreated Baker's Yeast Industry Effluents for High Recalcitrant COD and Color Removal. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2003, 38, 2229-2240.	1.7	22
68	Molecular Analysis of Microbial Communities in Nitrification and Denitrification Reactors Treating High Ammonia Leachate. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2003, 38, 1997-2007.	1.7	9
69	Investigation of variations in microbial diversity in anaerobic reactors treating landfill leachate. Water Science and Technology, 2003, 48, 105-112.	2.5	31
70	Rehabilitation and water quality monitoring in the Golden Horn. Water Science and Technology, 2002, 46, 29-36.	2.5	30
71	Toxicity assessment on combined biological treatment of pharmaceutical industry effluents. Water Science and Technology, 2002, 45, 135-142.	2.5	6
72	Advanced treatment of high strength opium alkaloid industry effluents. Water Science and Technology, 2002, 46, 323-330.	2.5	22

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73	Struvite precipitation from anaerobically treated municipal and landfill wastewaters. <i>Water Science and Technology</i> , 2002, 46, 271-278.	2.5	53
74	Ammonia recovery from high strength agro industry effluents. <i>Water Science and Technology</i> , 2002, 45, 189-196.	2.5	37
75	A new process for the combined treatment of municipal wastewaters and landfill leachates in coastal areas. <i>Water Science and Technology</i> , 2002, 46, 111-118.	2.5	60
76	INFLUENCE OF DIFFERENT BIOPARTICLES ON BED EXPANSION CHARACTERISTICS OF ANAEROBIC FLUIDIZED BED REACTORS. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2001, 36, 1041-1053.	1.7	8
77	Biological ammonia removal from anaerobically pre-treated landfill leachate in sequencing batch reactors (SBR). <i>Water Science and Technology</i> , 2001, 43, 307-314.	2.5	35
78	Application of membrane and ozonation technologies to remove color from agro-industry effluents. <i>Water Science and Technology</i> , 2001, 43, 233-241.	2.5	4
79	Ammonia removal from young landfill leachate by magnesium ammonium phosphate precipitation and air stripping. <i>Water Science and Technology</i> , 2000, 41, 237-240.	2.5	81
80	An experimental study on iron removal with ferric sludge recycling. <i>Water Science and Technology</i> , 2000, 42, 393-397.	2.5	2
81	Catalytic effects of high Mn(IV) concentrations on Mn(II) oxidation. <i>Water Science and Technology</i> , 2000, 42, 387-392.	2.5	6
82	Anaerobic treatability of leachate: a comparative evaluation for three different reactor systems. <i>Water Science and Technology</i> , 2000, 42, 287-292.	2.5	16
83	Wastewater management strategies for the black sea coast of turkey. <i>Water Science and Technology</i> , 1999, 39, 169.	2.5	0
84	Characterization and treatment of effluent from opium alkaloid processing wastewater. <i>Water Science and Technology</i> , 1999, 40, 23.	2.5	11
85	Colour removal from fermentation industry effluents. <i>Water Science and Technology</i> , 1999, 40, 331.	2.5	16
86	Treatment of bleaching effluent in sequential activated sludge and nitrification systems. <i>Water Science and Technology</i> , 1999, 40, 269.	2.5	2
87	Pilot Scale UF and RO Studies on Water Reuse in Corrugated Board Industry. <i>Water Science and Technology</i> , 1999, 40, 303.	2.5	13
88	Color removal of high strength paper and fermentation industry effluents with membrane technology. <i>Water Science and Technology</i> , 1999, 40, 241.	2.5	28
89	Anaerobic sequencing batch reactor treatment of landfill leachate. <i>Water Research</i> , 1999, 33, 3225-3230.	11.3	149
90	Pollution prevention and restoration in the golden horn of Istanbul. <i>Water Science and Technology</i> , 1998, 37, 129.	2.5	8

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91	Common anaerobic treatability of pharmaceutical and yeast industry wastewater. <i>Water Science and Technology</i> , 1998, 38, 37.	2.5	4
92	Pollution prevention and restoration in the golden horn of Istanbul. <i>Water Science and Technology</i> , 1998, 37, 129-136.	2.5	15
93	Comparative Evaluation of Longitudinal Dispersion of Liquid in Non-Biological and Anaerobic Fixed Film Reactors. <i>Environmental Technology (United Kingdom)</i> , 1997, 18, 45-53.	2.2	3
94	Anaerobic treatment of olive mill effluents. <i>Water Science and Technology</i> , 1997, 36, 287.	2.5	26
95	Anaerobic treatment of leachate using sequencing batch reactor and hybrid bed filter. <i>Water Science and Technology</i> , 1997, 36, 501.	2.5	17
96	Potential for reuse of treated effluent in Istanbul. <i>Water Science and Technology</i> , 1996, 33, .	2.5	5
97	Settling and dewatering characteristics of sludge from baker's yeast production wastewater treatment. <i>Water Science and Technology</i> , 1996, 34, 459.	2.5	12
98	Longitudinal dispersion and biomass hold-up of anaerobic fluidized bed reactors. <i>Water Science and Technology</i> , 1996, 34, 461.	2.5	1
99	A simplified model for thermal discharges. <i>Water Science and Technology</i> , 1995, 32, 183.	2.5	5
100	Marine outfall alternative to solve the color problems of pulp and paper industry effluents. <i>Water Science and Technology</i> , 1995, 32, 241.	2.5	0
101	The effect of anaerobic pre-treatment on the inert soluble COD of fermentation industry effluents. <i>Water Science and Technology</i> , 1995, 32, 35.	2.5	2
102	Nine years of full-scale anaerobic-aerobic treatment experiences with fermentation industry effluents. <i>Water Science and Technology</i> , 1995, 32, 131.	2.5	14
103	Hybrid Upflow Anaerobic Sludge Blanket Reactor (HUASBR) Treatment of Dairy Effluents. <i>Water Science and Technology</i> , 1993, 28, 77-85.	2.5	47
104	Anaerobic Treatment of Industrial Effluents: An Overview of Applications. , 0, , .		19
105	Anaerobic membrane bioreactors for sludge digestion: Current status and future perspectives. <i>Critical Reviews in Environmental Science and Technology</i> , 0, , 1-39.	12.8	23