

Goksel Demirer

List of Publications by Year in descending order

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88
papers

3,800
citations

136950

32
h-index

128289

60
g-index

88
all docs

88
docs citations

88
times ranked

4144
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-anaerobic treatability and residual biogas potential of digestate. Biomass Conversion and Biorefinery, 2022, 12, 1695-1702.	4.6	9
2	Petroleum Coke Supplementation Improves Biogas Production from Food Waste at a Level Comparable to Commercial Carbon-based Conductive Materials. Bioenergy Research, 2022, 15, 1482-1490.	3.9	2
3	Treatment of anaerobic digestion effluents by microalgal cultures. , 2022, , 113-148.		1
4	Role of microalgae in circular economy. , 2022, , 1-12.		4
5	Valorization of harmful algal blooms and food waste as bio-methane. Environmental Progress and Sustainable Energy, 2021, 40, e13561.	2.3	3
6	Supplementation of Carbon-Based Conductive Materials and Trace Metals to Improve Biogas Production from Apple Pomace. Sustainability, 2021, 13, 9488.	3.2	10
7	Improved Food Waste Stabilization and Valorization by Anaerobic Digestion Through Supplementation of Conductive Materials and Trace Elements. Sustainability, 2020, 12, 5222.	3.2	26
8	Anaerobic Digestability and Biogas Production Capacity of Pistachio Processing Wastewater in UASB Reactors. Journal of Environmental Engineering, ASCE, 2019, 145, .	1.4	12
9	High-rate anaerobic treatment of digestate using fixed film reactors. Environmental Pollution, 2019, 252, 1622-1632.	7.5	15
10	Simultaneous dissolution and uptake of nutrients in microalgal treatment of the secondarily treated digestate. Algal Research, 2019, 43, 101633.	4.6	4
11	Volatile Fatty Acid Production from Anaerobic Digestion of Organic Residues. Methods in Molecular Biology, 2019, 1995, 357-367.	0.9	3
12	Anaerobic treatability and residual biogas potential of the effluent stream of anaerobic digestion processes. Water Environment Research, 2019, 91, 259-268.	2.7	9
13	Carbon-to-nitrogen and substrate-to-inoculum ratio adjustments can improve co-digestion performance of microalgal biomass obtained from domestic wastewater treatment. Environmental Technology (United Kingdom), 2019, 40, 614-624.	2.2	22
14	Life cycle assessment of biogas production through anaerobic co-digestion of nopal cladodes and dairy cow manure. Journal of Cleaner Production, 2018, 172, 2313-2322.	9.3	68
15	Coupled nutrient removal from the wastewater and CO ₂ biofixation from the flue gas of iron and steel manufacturing. International Journal of Global Warming, 2018, 16, 148.	0.5	0
16	Biogas Production from Waste Microalgal Biomass Obtained from Nutrient Removal of Domestic Wastewater. Waste and Biomass Valorization, 2016, 7, 1397-1408.	3.4	15
17	Biogas production from pistachio (<i>Pistaciavera</i> L.) de-hulling waste. International Journal of Green Energy, 2016, 13, 1320-1324.	3.8	11
18	Minimizing and adding value to seafood processing wastes. Food and Bioproducts Processing, 2016, 100, 195-202.	3.6	13

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19	Anaerobic digestion of microalgal (<sc><i>Chlorella vulgaris</i></sc>) biomass as a source of biogas and biofertilizer. Environmental Progress and Sustainable Energy, 2016, 35, 936-941.	2.3	29
20	ORGANIC ACID PRODUCTION FROM THE ORGANIC FRACTION OF MUNICIPAL SOLID WASTE AND COW MANURE IN LEACHING BED REACTORS. Environmental Engineering and Management Journal, 2016, 15, 2487-2495.	0.6	2
21	Integrated nutrient removal and biogas production by <i>Chlorella vulgaris</i> cultures. Journal of Renewable and Sustainable Energy, 2015, 7, .	2.0	11
22	Reducing water and energy consumption in chemical industry by sustainable production approach: a pilot study for polyethylene terephthalate production. Journal of Cleaner Production, 2015, 99, 119-128.	9.3	32
23	Sectoral assessment of the Turkish textile industry for the diffusion of sustainable production approach. Journal of the Textile Institute, 2015, 106, 1212-1225.	1.9	11
24	Adaptation to Climate Change in Industry: Improving Resource Efficiency through Sustainable Production Applications. Water Environment Research, 2015, 87, 14-25.	2.7	21
25	Biogas production from pistachio (<i>Pistacia vera</i> L.) processing waste. Biocatalysis and Agricultural Biotechnology, 2015, 4, 767-772.	3.1	33
26	Water recycling and reuse in soft drink/beverage industry: A case study for sustainable industrial water management in Turkey. Resources, Conservation and Recycling, 2015, 104, 172-180.	10.8	36
27	Sustainable textile production: a case study from a woven fabric manufacturing mill in Turkey. Journal of Cleaner Production, 2014, 65, 595-603.	9.3	145
28	Improving resource efficiency in surface coating/painting industry: practical experiences from a small-sized enterprise. Clean Technologies and Environmental Policy, 2014, 16, 1565-1575.	4.1	10
29	The effect of managing nutrients in the performance of anaerobic digesters of municipal wastewater treatment plants. Applied Microbiology and Biotechnology, 2013, 97, 7899-7907.	3.6	11
30	Nitrogen and phosphorus recovery from anaerobic co-digestion residues of poultry manure and maize silage via struvite precipitation. Waste Management and Research, 2013, 31, 792-804.	3.9	32
31	Greening of production in metal processing industry through process modifications and improved management practices. Resources, Conservation and Recycling, 2013, 77, 89-96.	10.8	21
32	Determination of the framework conditions and researchâ€“development needs for the dissemination of cleaner (sustainable) production applications in Turkey. International Journal of Sustainable Development and World Ecology, 2012, 19, 203-209.	5.9	9
33	Biogas generation by two-phase anaerobic digestion of organic fraction of municipal solid waste. Journal of Renewable and Sustainable Energy, 2012, 4, .	2.0	9
34	The national capacity assessment on cleaner (sustainable) production in Turkey. Sustainable Cities and Society, 2012, 5, 30-36.	10.4	8
35	Removal and recovery of nutrients as struvite from anaerobic digestion residues of poultry manure. Environmental Technology (United Kingdom), 2011, 32, 783-794.	2.2	49
36	Anaerobicâ€“Fed and Sequencingâ€“Batch Treatment of Sugarâ€“Beet Processing Wastes: A Comparative Study. Water Environment Research, 2011, 83, 247-255.	2.7	15

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37	A comparative analysis of Turkish and European Union environmental legislation regarding cleaner (sustainable) production concept. <i>International Journal of Environment and Sustainable Development</i> , 2011, 10, 246.	0.3	11
38	Anaerobic acidification of sugar-beet processing wastes: Effect of operational parameters. <i>Biomass and Bioenergy</i> , 2011, 35, 32-39.	5.7	92
39	Effects of pretreatment methods on solubilization of beet-pulp and bio-hydrogen production yield. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 382-389.	7.1	74
40	Anaerobic mesophilic co-digestion of sugar-beet processing wastewater and beet-pulp in batch reactors. <i>Renewable Energy</i> , 2011, 36, 971-975.	8.9	41
41	Recovery of Nutrients from Anaerobic Co-digestion Effluents of Poultry Manure and Sewage Sludge as Struvite. <i>Proceedings of the Water Environment Federation</i> , 2011, 2011, 594-616.	0.0	2
42	Effect of operational parameters on anaerobic co-digestion of dairy cattle manure and agricultural residues: A case study for the KahramanmaraÅ region in Turkey. <i>Engineering in Life Sciences</i> , 2010, 10, 552-559.	3.6	13
43	Treatment of opium alkaloid containing wastewater in sequencing batch reactor (SBR)âEffect of gamma irradiation. <i>Radiation Physics and Chemistry</i> , 2010, 79, 519-526.	2.8	19
44	The determination of fertilizer quality of the formed struvite from effluent of a sewage sludge anaerobic digester. <i>Journal of Hazardous Materials</i> , 2010, 181, 248-254.	12.4	240
45	Quality improvement in determination of chemical oxygen demand in samples considered difficult to analyze, through participation in proficiency-testing schemes. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 1082-1091.	11.4	24
46	Investigation of the effect of culture type on biological hydrogen production from sugar industry wastes. <i>Waste Management</i> , 2010, 30, 792-798.	7.4	18
47	Volatile Fatty Acid Production from Organic Fraction of Municipal Solid Waste Through Anaerobic Acidogenic Digestion. <i>Environmental Engineering Science</i> , 2009, 26, 1443-1450.	1.6	27
48	A chemical substitution study for a wet processing textile mill in Turkey. <i>Journal of Cleaner Production</i> , 2009, 17, 239-247.	9.3	79
49	Performance of leaching bed reactor converting the organic fraction of municipal solid waste to organic acids and alcohols. <i>Chemosphere</i> , 2009, 74, 797-803.	8.2	58
50	Recovery of acids from anaerobic acidification broth by liquidâliquid extraction. <i>Chemosphere</i> , 2009, 77, 1137-1142.	8.2	108
51	An interlaboratory study as useful tool for proficiency testing of chemical oxygen demand measurements using solid substrates and liquid samples with high suspended solid content. <i>Talanta</i> , 2009, 80, 329-337.	5.5	21
52	Modification of a Conventional Anaerobic Digester for Improving the Effluent and Sludge Characteristics. <i>Water Environment Research</i> , 2009, 81, 2447-2454.	2.7	3
53	Enhancing the Performance of Anaerobic Digestion of Dairy Manure through PhaseâSeparation. <i>Clean - Soil, Air, Water</i> , 2008, 36, 760-766.	1.1	13
54	Cleaner production opportunity assessment study in SEKA Balikesir pulp and paper mill. <i>Journal of Cleaner Production</i> , 2008, 16, 422-431.	9.3	64

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55	Anaerobic digestion of dairy manure with enhanced ammonia removal. <i>Journal of Environmental Management</i> , 2008, 86, 193-200.	7.8	83
56	Anaerobic biogasification of undiluted dairy manure in leaching bed reactors. <i>Waste Management</i> , 2008, 28, 112-119.	7.4	63
57	Two-Phase Thermophilic Acidification and Mesophilic Methanogenesis Anaerobic Digestion of Waste-Activated Sludge. <i>Environmental Engineering Science</i> , 2008, 25, 1291-1300.	1.6	35
58	Low-Strength Wastewater Treatment with Combined Granular Anaerobic and Suspended Aerobic Cultures in Upflow Sludge Blanket Reactors. <i>Journal of Environmental Engineering, ASCE</i> , 2008, 134, 295-303.	1.4	6
59	Improved Anaerobic Acidification of Unscreened Dairy Manure. <i>Environmental Engineering Science</i> , 2008, 25, 309-318.	1.6	22
60	Use of blast furnace granulated slag as a substrate in vertical flow reed beds: Field application. <i>Bioresource Technology</i> , 2007, 98, 2089-2101.	9.6	71
61	Biogas production potential from cotton wastes. <i>Renewable Energy</i> , 2007, 32, 750-757.	8.9	139
62	Cleaner production opportunity assessment for a milk processing facility. <i>Journal of Environmental Management</i> , 2007, 84, 484-493.	7.8	27
63	Life cycle assesment of municipal solid waste management methods: Ankara case study. <i>Environment International</i> , 2006, 32, 405-411.	10.0	126
64	Ammonia removal from anaerobically digested dairy manure by struvite precipitation. <i>Process Biochemistry</i> , 2005, 40, 3667-3674.	3.7	210
65	Two-phase anaerobic digestion of unscreened dairy manure. <i>Process Biochemistry</i> , 2005, 40, 3542-3549.	3.7	186
66	Comparison of the treatment performances of blast furnace slag-based and gravel-based vertical flow wetlands operated identically for domestic wastewater treatment in Turkey. <i>Ecological Engineering</i> , 2005, 24, 185-198.	3.6	123
67	Granulation of a mixture of suspended anaerobic and aerobic cultures under alternating anaerobic/microaerobic/aerobic conditions: a preliminary study. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 837-842.	3.2	3
68	Investigation of granulation of a mixture of suspended anaerobic and aerobic cultures under alternating anaerobic/microaerobic/aerobic conditions. <i>Process Biochemistry</i> , 2005, 40, 3732-3741.	3.7	19
69	Anaerobic Digestion of Dairy Manure in a Hybrid Reactor with Biogas Recirculation. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 1509-1514.	3.6	45
70	Effect of retention time and organic loading rate on anaerobic acidification and biogasification of dairy manure. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 1381-1387.	3.2	70
71	Effect of initial COD concentration, nutrient addition, temperature and microbial acclimation on anaerobic treatability of broiler and cattle manure. <i>Bioresource Technology</i> , 2004, 93, 109-117.	9.6	149
72	Sequential (anaerobic/aerobic) biological treatment of malt whisky wastewater. <i>Process Biochemistry</i> , 2003, 39, 279-286.	3.7	35

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73	The inhibitory effects and removal of dieldrin in continuous upflow anaerobic sludge blanket reactors. <i>Bioresource Technology</i> , 2003, 89, 191-197.	9.6	5
74	Integrated preventive environmental management training for municipalities: A case study from Turkey. <i>Environmental Quality Management</i> , 2003, 13, 67-75.	1.9	4
75	The inhibitory effects of lindane in batch and upflow anaerobic sludge blanket reactors. <i>Chemosphere</i> , 2003, 50, 165-169.	8.2	15
76	Anaerobic treatment of real textile wastewater with a fluidized bed reactor. <i>Water Research</i> , 2003, 37, 1868-1878.	11.3	221
77	Performance evaluation of landfills with the HELP (hydrologic evaluation of landfill performance) model: Izmit case study. <i>Environmental Geology</i> , 2002, 42, 793-799.	1.2	17
78	Effectiveness of anaerobic biomass in adsorbing heavy metals. <i>Water Science and Technology</i> , 2001, 44, 245-252.	2.5	16
79	Anaerobic biotransformation and methane generation potential of cheese whey in batch and UASB reactors. <i>Waste Management</i> , 2001, 21, 643-650.	7.4	152
80	Sequential (anaerobic/aerobic) biological treatment of Dalaman SEKA Pulp and Paper Industry effluent. <i>Waste Management</i> , 2001, 21, 717-724.	7.4	54
81	Comparison of Anaerobic Acrylic Acid Biotransformation in Single- and Two-Stage pH-Stat Completely Stirred Tank Reactor Systems. <i>Water Environment Research</i> , 2000, 72, 84-89.	2.7	1
82	Anaerobic treatment of olive mill wastes in batch reactors. <i>Process Biochemistry</i> , 2000, 36, 243-248.	3.7	144
83	Anaerobic treatability and biogas production potential studies of different agro-industrial wastewaters in Turkey. <i>Biodegradation</i> , 2000, 11, 401-405.	3.0	51
84	Effect of chromium(VI) on the biomass yield of activated sludge. <i>Enzyme and Microbial Technology</i> , 1999, 25, 48-54.	3.2	33
85	Inhibitory effects and biotransformation of acrylic acid in computer-controlled pH-Stat CSTRs. , 1999, 62, 200-207.		3
86	Anaerobic biotransformation of four 3-carbon compounds (acrolein, acrylic acid, allyl alcohol and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2</i>	11.3	36
87	Toxicity of Acrylic Acid to Acetate-Enriched <i>Methanosarcina</i> Cultures. <i>Journal of Environmental Engineering, ASCE</i> , 1998, 124, 345-352.	1.4	12
88	The role of process configuration in the performance of anaerobic systems. <i>Water Science and Technology</i> , 1997, 36, 539-547.	2.5	6