

George Tchobanoglous

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,734
citations

361045

20
h-index

315357

38
g-index

38
all docs

38
docs citations

38
times ranked

1894
citing authors

#	ARTICLE	IF	CITATIONS
1	Municipal Solid Waste and the Environment: A Global Perspective. Annual Review of Environment and Resources, 2012, 37, 277-309.	5.6	281
2	Size distributions of particulate contaminants in wastewater and their impact on treatability. Water Research, 1991, 25, 911-922.	5.3	149
3	Direct potable reuse: a future imperative. Journal of Water Reuse and Desalination, 2011, 1, 2-10.	1.2	137
4	The role of satellite and decentralized strategies in water resources management. Journal of Environmental Management, 2009, 90, 144-152.	3.8	129
5	Water Reuse: From Ancient to Modern Times and the Future. Frontiers in Environmental Science, 2018, 6, .	1.5	125
6	Urban wastewater and stormwater technologies in ancient Greece. Water Research, 2005, 39, 210-220.	5.3	119
7	Urban Water Management in Ancient Greece: Legacies and Lessons. Journal of Water Resources Planning and Management - ASCE, 2008, 134, 45-54.	1.3	84
8	Sustainable use of water in the Aegean Islands. Journal of Environmental Management, 2009, 90, 2601-2611.	3.8	63
9	Treatment of Wastewater With Slow Rate Systems: A Review of Treatment Processes and Plant Functions. Critical Reviews in Environmental Science and Technology, 2006, 36, 187-259.	6.6	61
10	Environmental Engineering: Energy Value of Replacing Waste Disposal with Resource Recovery. Science, 1999, 285, 706-711.	6.0	56
11	Innovative Two-Stage Process for the Recovery of Energy and Compost from the Organic Fraction of Municipal Solid Waste (MSW). Water Science and Technology, 1993, 27, 133-143.	1.2	53
12	BTEX removal in pilot-scale horizontal subsurface flow constructed wetlands. Desalination and Water Treatment, 2013, 51, 3032-3039.	1.0	52
13	Decentralized wastewater management: challenges and opportunities for the twenty-first century. Water Science and Technology: Water Supply, 2004, 4, 95-102.	1.0	42
14	Removal of iron, chromium and lead from waste water by horizontal subsurface flow constructed wetlands. Journal of Chemical Technology and Biotechnology, 2013, 88, 1906-1912.	1.6	42
15	Challenges and Opportunities for Sustainable Management of Water Resources in the Island of Crete, Greece. Water (Switzerland), 2020, 12, 1538.	1.2	36
16	Quantifying Factors Limiting Aerobic Degradation During Aerobic Bioreactor Landfilling. Environmental Science & Technology, 2010, 44, 6215-6220.	4.6	35
17	Urban net-zero water treatment and mineralization: Experiments, modeling and design. Water Research, 2013, 47, 4680-4691.	5.3	34
18	Performance evaluation of an anaerobic/aerobic landfill-based digester using yard waste for energy and compost production. Waste Management, 2012, 32, 912-919.	3.7	28

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19	Technologies for wastewater treatment appropriate for reuse: potential for applications in Greece. <i>Water Science and Technology</i> , 1996, 33, 15-24.	1.2	25
20	Fate of nitrogen for subsurface drip dispersal of effluent from small wastewater systems. <i>Journal of Contaminant Hydrology</i> , 2011, 126, 19-28.	1.6	25
21	Characteristics of humus produced from the anaerobic composting of the biodegradable organic fraction of municipal solid waste. <i>Environmental Technology (United Kingdom)</i> , 1993, 14, 815-829.	1.2	18
22	Estimation of Pathogen Removal in an Advanced Water Treatment Facility Using Monte Carlo Simulation. <i>Water Science and Technology</i> , 1999, 40, 223-233.	1.2	16
23	UV design: comparison of probabilistic and deterministic design approaches. <i>Water Science and Technology</i> , 1996, 33, 251-260.	1.2	13
24	Control of nitrification/denitrification in an onsite two-chamber intermittently aerated membrane bioreactor with alkalinity and carbon addition: Model and experiment. <i>Water Research</i> , 2017, 115, 94-110.	5.3	13
25	Rationale for constant flow to optimize wastewater treatment and advanced water treatment performance for potable reuse applications. <i>Water Environment Research</i> , 2021, 93, 1231-1242.	1.3	11
26	Development of a Mathematical Model for the Simulation of the Biodegradation of Organic Substrates in a High-Solids Anaerobic Digestion Process. <i>Journal of Chemical Technology and Biotechnology</i> , 1996, 66, 312-322.	1.6	10
27	History of Hygiene Focusing on the Crucial Role of Water in the Hellenic Asclepieia (i.e., Ancient) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	10
28	Evolution of water supplies in the Hellenic world focusing on water treatment and modern parallels. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 773-786.	1.0	9
29	Continuous Thermal Stripping Process for Ammonium Removal from Digestate and Centrate. <i>Sustainability</i> , 2021, 13, 2185.	1.6	9
30	Continuous-backwash upflow filtration for primary effluent. <i>Water Environment Research</i> , 1994, 66, 145-152.	1.3	8
31	Comprehensive Source Control for Potable Reuse. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	8
32	Integrated wastewater management: The future of water reuse in large metropolitan areas. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 160-163.	1.6	8
33	Development of Framework for Direct Potable Reuse Guidelines, Results of the NWRI/WateReuse Association Expert Panel. <i>Proceedings of the Water Environment Federation</i> , 2015, 2015, 4943-4946.	0.0	7
34	Performance evaluation of first full-scale primary filtration using a fine pore cloth media disk filter. <i>Water Environment Research</i> , 2021, 93, 94-111.	1.3	5
35	Recycled water "a source of potable water: City of San Diego health effects study. <i>Water Science and Technology</i> , 1996, 33, 285-296.	1.2	5
36	Advanced Primary Treatment <>via</> Filtration to Increase Energy Savings and Plant Capacity. <i>Proceedings of the Water Environment Federation</i> , 2016, 2016, 782-794.	0.0	4

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37	Evolution of urban waste- and storm-water management in the region of Crete, Greece: A preliminary assessment. <i>Water Science and Technology</i> , 2020, 81, 2281-2290.	1.2	1