

# Daniel H Yeh

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,519  
citations

471061

17  
h-index

301761

39  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2213  
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Planning and Design Paradigm to Achieve Sustainable Resource Recovery from Wastewater. <i>Environmental Science &amp; Technology</i> , 2009, 43, 6126-6130.	4.6	412
2	Removing pharmaceuticals and endocrine-disrupting compounds from wastewater by photocatalysis. <i>Journal of Chemical Technology and Biotechnology</i> , 2007, 82, 121-134.	1.6	208
3	Membrane fouling in an anaerobic membrane bioreactor: Differences in relative abundance of bacterial species in the membrane foulant layer and in suspension. <i>Journal of Membrane Science</i> , 2010, 364, 331-338.	4.1	170
4	Membrane applications for microalgae cultivation and harvesting: a review. <i>Reviews in Environmental Science and Biotechnology</i> , 2014, 13, 487-504.	3.9	102
5	Removing Heavy Metals in Water: The Interaction of Cactus Mucilage and Arsenate (As (V)). <i>Environmental Science &amp; Technology</i> , 2012, 46, 4553-4559.	4.6	81
6	Development and start up of a gas-lift anaerobic membrane bioreactor (GI-AnMBR) for conversion of sewage to energy, water and nutrients. <i>Journal of Membrane Science</i> , 2013, 441, 158-167.	4.1	54
7	Enhanced mesophilic anaerobic digestion of food waste by thermal pretreatment: Substrate versus digestate heating. <i>Waste Management</i> , 2015, 46, 176-181.	3.7	53
8	Performance of Denitrifying Stormwater Biofilters Under Intermittent Conditions. <i>Environmental Engineering Science</i> , 2015, 32, 796-805.	0.8	37
9	Effect of psychrophilic temperature shocks on a gas-lift anaerobic membrane bioreactor (GI-AnMBR) treating synthetic domestic wastewater. <i>Journal of Water Process Engineering</i> , 2017, 16, 108-114.	2.6	31
10	Biological sulfate removal from construction and demolition debris leachate: Effect of bioreactor configuration. <i>Journal of Hazardous Materials</i> , 2014, 269, 38-44.	6.5	29
11	Sustainability metrics for assessing water resource recovery facilities of the future. <i>Water Environment Research</i> , 2019, 91, 45-53.	1.3	29
12	CryoSnap: A simple modified freeze-fracture method for SEM imaging of membrane cross-sections. <i>Environmental Progress</i> , 2008, 27, 204-209.	0.8	28
13	Performance and Longevity of Denitrifying Wood-Chip Biofilters for Stormwater Treatment: A Microcosm Study. <i>Environmental Engineering Science</i> , 2015, 32, 321-330.	0.8	28
14	Effect of Tween surfactants on methanogenesis and microbial reductive dechlorination of hexachlorobenzene. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1408-1416.	2.2	27
15	Potential and Limitations of Microbial Reductive Dechlorination for Bioremediation Applications. <i>Water, Air and Soil Pollution</i> , 2003, 3, 117-129.	0.8	23
16	Feasibility of anaerobic membrane bioreactors (AnMBR) for onsite sanitation and resource recovery (nutrients, energy and water) in urban slums. <i>Water Science and Technology</i> , 2015, 72, 1543-1551.	1.2	23
17	The Efficacy of Ozone/BAC Treatment on Non-Steroidal Anti-Inflammatory Drug Removal from Drinking Water and Surface Water. <i>Ozone: Science and Engineering</i> , 2015, 37, 343-356.	1.4	22
18	Evaluating the conversion of an automotive paint spray-booth scrubber to an activated-sludge system for removing paint volatile organic compounds from air. <i>Water Environment Research</i> , 1997, 69, 1211-1221.	1.3	15

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19	Zeolite Ion Exchange to Facilitate Anaerobic Membrane Bioreactor Wastewater Nitrogen Recovery and Reuse for Lettuce Fertigation in Vertical Hydroponic Systems. <i>Environmental Engineering Science</i> , 2019, 36, 690-698.	0.8	14
20	Bioaugmentation of the anaerobic digestion of food waste by dungs of herbivore, carnivore, and omnivore zoo animals. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 516-526.	1.2	12
21	Enhanced Methane Yields in High-Solids Anaerobic Digestion Through Inoculation with Pulp and Paper Mill Sludge. <i>Environmental Engineering Science</i> , 2016, 33, 907-917.	0.8	11
22	House of Quality Planning Matrix for Evaluating Wastewater Nutrient Management Technologies at Three Scales Within a Sewershed. <i>Environmental Engineering Science</i> , 2017, 34, 773-784.	0.8	11
23	Cyclic Sorption and Desorption of Cu(II) onto Coconut Shell and Iron Oxide Coated Sand. <i>Separation Science and Technology</i> , 2013, 48, 2786-2794.	1.3	9
24	Extraction of bisphenol-A and 17 $\beta$ -estradiol from water samples via solid-phase extraction (SPE). <i>Reviews in Analytical Chemistry</i> , 2014, 33, .	1.5	9
25	Discharge or reuse? Comparative sustainability assessment of anaerobic and aerobic membrane bioreactors. <i>Journal of Environmental Quality</i> , 2020, 49, 545-556.	1.0	9
26	<I>AlgaeSim</I>: A Model for Integrated Algal Biofuel Production and Wastewater Treatment. <i>Water Environment Research</i> , 2014, 86, 163-176.	1.3	8
27	A bench-scale assessment of ozone pre-treatments for landfill leachates. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 145-153.	1.2	8
28	Framework for net-zero and net-positive building water cycle management. <i>Building Research and Information</i> , 2015, 43, 121-132.	2.0	8
29	Demand- and source-driven prioritization framework toward integrated building water management (IBWM). <i>Sustainable Cities and Society</i> , 2015, 14, 114-125.	5.1	7
30	The NEWgenerator non-sewered sanitation system: Long-term field testing at an informal settlement community in eThekweni municipality, South Africa. <i>Journal of Environmental Management</i> , 2021, 296, 112921.	3.8	7
31	Anaerobic processes. <i>Water Environment Research</i> , 1996, 68, 479-497.	1.3	6
32	Performance of AnMBR in Treatment of Post-consumer Food Waste: Effect of Hydraulic Retention Time and Organic Loading Rate on Biogas Production and Membrane Fouling. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 594936.	2.0	6
33	Assessment of an Anaerobic Membrane Bioreactor (AnMBR) Treating Medium-Strength Synthetic Wastewater under Cyclical Membrane Operation. <i>Membranes</i> , 2021, 11, 415.	1.4	6
34	Influence of Nonionic Surfactants on the Bioavailability of Hexachlorobenzene for Microbial Reductive Dechlorination. <i>ACS Symposium Series</i> , 2002, , 449-466.	0.5	3
35	Complex organic particulate artificial sewage (COPAS) as surrogate wastewater in anaerobic assays. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1661-1671.	1.2	3
36	Anaerobic processes. <i>Water Environment Research</i> , 1995, 67, 459-470.	1.3	2

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37	Phase Distribution of Hexachlorobenzene in a Suspended-Growth Culture Amended with a Polysorbate Surfactant. <i>Water Environment Research</i> , 2004, 76, 137-148.	1.3	2
38	Decision support modeling for net-zero water buildings. , 2014, , .		2
39	Effect of Tween surfactants on methanogenesis and microbial reductive dechlorination of hexachlorobenzene. , 1999, 18, 1408.		2
40	Anaerobic processes. <i>Water Environment Research</i> , 1997, 69, 500-521.	1.3	1
41	Low concentration of zeolite to enhance microalgal growth and ammonium removal efficiency in a membrane photobioreactor. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 3863-3876.	1.2	1
42	Implications of nutrient removal and biomass production by native and augmented algal populations at a municipal wastewater treatment plant. <i>Water Science and Technology</i> , 2014, 70, 1152-1160.	1.2	0
43	Indirect Energy Recovery from Wastewater: ICARUS Passive Membrane Photobioreactor for Coupling Algal Biofuel Production with Mainstream Wastewater Treatment. <i>Proceedings of the Water Environment Federation</i> , 2015, 2015, 1-4.	0.0	0