

Dara S M Ghasimi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,639
citations

430754

18
h-index

526166

27
g-index

28
all docs

28
docs citations

28
times ranked

2102
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a standardization of biomethane potential tests. <i>Water Science and Technology</i> , 2016, 74, 2515-2522.	1.2	592
2	Overview of key operation factors and strategies for improving fermentative volatile fatty acid production and product regulation from sewage sludge. <i>Journal of Environmental Sciences</i> , 2020, 87, 93-111.	3.2	139
3	Impact of lignocellulosic-waste intermediates on hydrolysis and methanogenesis under thermophilic and mesophilic conditions. <i>Chemical Engineering Journal</i> , 2016, 295, 181-191.	6.6	77
4	Hotspots for selected metal elements and microbes accumulation and the corresponding water quality deterioration potential in an unchlorinated drinking water distribution system. <i>Water Research</i> , 2017, 124, 435-445.	5.3	77
5	Impact of temperature on feed-flow characteristics and filtration performance of an upflow anaerobic sludge blanket coupled ultrafiltration membrane treating municipal wastewater. <i>Water Research</i> , 2015, 83, 71-83.	5.3	76
6	Biogas productivity of anaerobic digestion process is governed by a core bacterial microbiota. <i>Chemical Engineering Journal</i> , 2020, 380, 122425.	6.6	73
7	Simulating a combined lysis-cryptic and biological nitrogen removal system treating domestic wastewater at low C/N ratios using artificial neural network. <i>Water Research</i> , 2021, 189, 116576.	5.3	68
8	Characteristics and role of dynamic membrane layer in anaerobic membrane bioreactors. <i>Biotechnology and Bioengineering</i> , 2016, 113, 761-771.	1.7	61
9	Shielding membrane surface carboxyl groups by covalent-binding graphene oxide to improve anti-fouling property and the simultaneous promotion of flux. <i>Water Research</i> , 2016, 102, 619-628.	5.3	59
10	Size-dependent microbial diversity of sub-visible particles in a submerged anaerobic membrane bioreactor (SAnMBR): Implications for membrane fouling. <i>Water Research</i> , 2019, 159, 20-29.	5.3	58
11	Microbial population dynamics during long-term sludge adaptation of thermophilic and mesophilic sequencing batch digesters treating sewage fine sieved fraction at varying organic loading rates. <i>Biotechnology for Biofuels</i> , 2015, 8, 171.	6.2	39
12	Digester performance and microbial community changes in thermophilic and mesophilic sequencing batch reactors fed with the fine sieved fraction of municipal sewage. <i>Water Research</i> , 2015, 87, 483-493.	5.3	39
13	Impact of household demographic characteristics on energy conservation and carbon dioxide emission: Case from Mahabad city, Iran. <i>Energy</i> , 2020, 194, 116916.	4.5	36
14	Microbial population dynamics in response to increasing loadings of pre-hydrolyzed pig manure in an expanded granular sludge bed. <i>Water Research</i> , 2015, 87, 29-37.	5.3	30
15	High-rate thermophilic bio-methanation of the fine sieved fraction from Dutch municipal raw sewage: Cost-effective potentials for on-site energy recovery. <i>Applied Energy</i> , 2016, 165, 569-582.	5.1	30
16	Functional graphene oxide membrane preparation for organics/inorganic salts mixture separation aiming at advanced treatment of refractory wastewater. <i>Science of the Total Environment</i> , 2018, 628-629, 261-270.	3.9	27
17	Comparative analysis of the digestibility of sewage fine sieved fraction and hygiene paper produced from virgin fibers and recycled fibers. <i>Waste Management</i> , 2016, 53, 156-164.	3.7	26
18	Impact of trace element supplementation on mesophilic anaerobic digestion of food waste using Fe-rich inoculum. <i>Environmental Science and Pollution Research</i> , 2018, 25, 29240-29255.	2.7	26

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19	Effect of upflow velocity on the effluent membrane fouling potential in membrane coupled upflow anaerobic sludge blanket reactors. <i>Bioresource Technology</i> , 2013, 147, 285-292.	4.8	19
20	Biomethanation and microbial community changes in a digester treating sludge from a brackish aquaculture recirculation system. <i>Bioresource Technology</i> , 2016, 214, 338-347.	4.8	17
21	Biomethanation from enzymatically hydrolyzed brewer's spent grain: Impact of rapid increase in loadings. <i>Bioresource Technology</i> , 2015, 190, 167-174.	4.8	15
22	Impact of continuous leachate recirculation during solid state anaerobic digestion of <i>Miscanthus</i> . <i>Renewable Energy</i> , 2020, 154, 38-45.	4.3	15
23	An integrated approach for efficient biomethane production from solid bio-wastes in a compact system. <i>Biotechnology for Biofuels</i> , 2015, 8, 62.	6.2	12
24	Biostimulation of a marine anammox bacteria-dominated bioprocess by Co(II) to treat nitrogen-rich, saline wastewater. <i>Science of the Total Environment</i> , 2020, 749, 141489.	3.9	11
25	Dynamics of two methanogenic microbiomes incubated in polycyclic aromatic hydrocarbons, naphthenic acids, and oil field produced water. <i>Biotechnology for Biofuels</i> , 2017, 10, 123.	6.2	8
26	Archaea in Wastewater Treatment: Current Research and Emerging Technology. <i>Archaea</i> , 2018, 2018, 1-2.	2.3	6
27	A unique microbiome in a highly polluted and alkalic lake in a seasonally frozen area. <i>Environmental Research</i> , 2022, 204, 112056.	3.7	3
28	Biological Processes for Pollution Control: Current Research and Emerging Technologies 2020. <i>Archaea</i> , 2021, 2021, 1-3.	2.3	0