Shugen Liu

List of Publications by Year
in descending order

16	319	1163117 8	1058476 14
papers	citations	h-index	g-index

16	16	16	249
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced biological phosphorus removal from wastewater by current stimulation coupled with anaerobic digestion. Chemosphere, 2022, 293, 133661.	8.2	4
2	Vanadium extraction from roasted vanadium-bearing steel slag via pressure acid leaching. Journal of Environmental Chemical Engineering, 2021, 9, 105195.	6.7	20
3	Degradation Characteristics and Microbial Community of Phosphine Biopurification Systems. Environmental Engineering Science, 2021, 38, 802-810.	1.6	0
4	Effects of reactive oxygen species scavengers on thermophilic micro-aerobic digestion for sludge stabilization. Environmental Research, 2020, 185, 109453.	7.5	5
5	Addition of reactive oxygen scavenger to enhance PH3 biopurification: Process and mechanism. Chemical Engineering Research and Design, 2020, 142, 118-125.	5.6	6
6	Rapid release of internal carbon source from excess sludge with synergistic treatment via thermophilic microaerobic digestion and microcurrent. Chemical Engineering Journal, 2019, 374, 637-647.	12.7	8
7	Effects of pH on the biodegradation characteristics of thermophilic micro-aerobic digestion for sludge stabilization. RSC Advances, 2019, 9, 8379-8388.	3.6	12
8	Impacts of ammonia nitrogen on autothermal thermophilic micro-aerobic digestion for sewage sludge treatment. Chemosphere, 2018, 213, 268-275.	8.2	14
9	Comparison of Degradation Efficacy and Bacterial Diversity between the A/O and O1/A/O2 Processes for Coking Wastewater Treatment. Journal of Environmental Engineering, ASCE, 2018, 144, 04018036.	1.4	8
10	Nitrate removal from landfill leachate by zerovalent iron (ZVI). Desalination and Water Treatment, 2014, 52, 7270-7276.	1.0	6
11	The one-stage autothermal thermophilic aerobic digestion for sewage sludge treatment: Effects of temperature on stabilization process and sludge properties. Chemical Engineering Journal, 2012, 197, 223-230.	12.7	33
12	The one-stage autothermal thermophilic aerobic digestion for sewage sludge treatment: Stabilization process and mechanism. Bioresource Technology, 2012, 104, 266-273.	9.6	39
13	Isolation, identification and utilization of thermophilic strains in aerobic digestion of sewage sludge. Water Research, 2011, 45, 5959-5968.	11.3	40
14	The one-stage autothermal thermophilic aerobic digestion for sewage sludge treatment. Chemical Engineering Journal, 2011, 174, 564-570.	12.7	49
15	Chemical and microbial changes during autothermal thermophilic aerobic digestion (ATAD) of sewage sludge. Bioresource Technology, 2010, 101, 9438-9444.	9.6	74
16	Rapid Vanadium Extraction from Roasted Vanadium Steel Slag via a H₂SO₄â€“H₂O₂ System: Process and Mechanism. ACS Omega, 0, , .	3.5	1