

Shugen Liu

List of Publications by Year in descending order

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16
papers

319
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1163117

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1058476

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docs citations

16
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249
citing authors

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