Jiankai Jiang

List of Publications by Year
in descending order

18	524	840776 11	888059 17
papers	citations	h-index	g-index

19	19	19	861
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study on emission factors of FCC flue gas pollutants in petroleum refineries. Environmental Science and Pollution Research, 2022, 29, 33400-33410.	5.3	3
2	Study on compositions of FCC flue gas and pollutant precursors from FCC catalysts. Chemosphere, 2020, 245, 125528.	8.2	15
3	Effect of regeneration conditions on the emission of HCN in FCC regeneration process. Chemical Engineering Journal, 2020, 389, 124484.	12.7	9
4	Differences in the colloid properties of sodium alginate and polysaccharides in extracellular polymeric substances with regard to membrane fouling. Journal of Colloid and Interface Science, 2019, 535, 318-324.	9.4	32
5	A modified two-point titration method for the determination of volatile fatty acids in anaerobic systems. Chemosphere, 2018, 204, 251-256.	8.2	14
6	Differential transcriptional changes in human alveolar epithelial A549 cells exposed to airborne PM2.5 collected from Shanghai, China. Environmental Science and Pollution Research, 2018, 25, 33656-33666.	5.3	5
7	A fixed-point titration method for the determination of ammonium in anaerobic systems. Analytical Methods, 2018, 10, 3552-3556.	2.7	0
8	Response of extracellular polymeric substances to thermal treatment in sludge dewatering process. Environmental Pollution, 2017, 231, 1388-1392.	7.5	45
9	Response of anodic biofilm to hydrodynamic shear in two-chamber bioelectrochemical systems. Electrochimica Acta, 2017, 258, 1304-1310.	5.2	13
10	Simultaneous monitoring and compositions analysis of PM1 and PM2.5 in Shanghai: Implications for characterization of haze pollution and source apportionment. Science of the Total Environment, 2016, 557-558, 386-394.	8.0	75
11	Rheological characterization of digested sludge by solid sphere impact. Bioresource Technology, 2016, 218, 301-306.	9.6	2
12	Crater formation on anaerobic granular sludge. Chemical Engineering Journal, 2016, 300, 423-428.	12.7	25
13	Effect of hydrodynamic shear on biogas production and granule characteristics in a continuous stirred tank reactor. Process Biochemistry, 2016, 51, 345-351.	3.7	35
14	Chemical characterization, the transport pathways and potential sources of PM2.5 in Shanghai: Seasonal variations. Atmospheric Research, 2015, 158-159, 66-78.	4.1	127
15	Effects of rising biogas bubbles on the hydrodynamic shear conditions around anaerobic granule. Chemical Engineering Journal, 2015, 273, 111-119.	12.7	11
16	Comparison of ionic and carbonaceous compositions of PM2.5 in 2009 and 2012 in Shanghai, China. Science of the Total Environment, 2015, 536, 695-703.	8.0	48
17	Multiscale hydrodynamic investigation to intensify the biogas production in upflow anaerobic reactors. Bioresource Technology, 2014, 155, 1-7.	9.6	28
18	Rheological characteristics of highly concentrated anaerobic digested sludge. Biochemical Engineering Journal, 2014, 86, 57-61.	3.6	37