

Jiankai Jiang

List of Publications by Year in descending order

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18
papers

524
citations

840776

11
h-index

888059

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19
all docs

19
docs citations

19
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characterization, the transport pathways and potential sources of PM _{2.5} in Shanghai: Seasonal variations. <i>Atmospheric Research</i> , 2015, 158-159, 66-78.	4.1	127
2	Simultaneous monitoring and compositions analysis of PM ₁ and PM _{2.5} in Shanghai: Implications for characterization of haze pollution and source apportionment. <i>Science of the Total Environment</i> , 2016, 557-558, 386-394.	8.0	75
3	Comparison of ionic and carbonaceous compositions of PM _{2.5} in 2009 and 2012 in Shanghai, China. <i>Science of the Total Environment</i> , 2015, 536, 695-703.	8.0	48
4	Response of extracellular polymeric substances to thermal treatment in sludge dewatering process. <i>Environmental Pollution</i> , 2017, 231, 1388-1392.	7.5	45
5	Rheological characteristics of highly concentrated anaerobic digested sludge. <i>Biochemical Engineering Journal</i> , 2014, 86, 57-61.	3.6	37
6	Effect of hydrodynamic shear on biogas production and granule characteristics in a continuous stirred tank reactor. <i>Process Biochemistry</i> , 2016, 51, 345-351.	3.7	35
7	Differences in the colloid properties of sodium alginate and polysaccharides in extracellular polymeric substances with regard to membrane fouling. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 318-324.	9.4	32
8	Multiscale hydrodynamic investigation to intensify the biogas production in upflow anaerobic reactors. <i>Bioresource Technology</i> , 2014, 155, 1-7.	9.6	28
9	Crater formation on anaerobic granular sludge. <i>Chemical Engineering Journal</i> , 2016, 300, 423-428.	12.7	25
10	Study on compositions of FCC flue gas and pollutant precursors from FCC catalysts. <i>Chemosphere</i> , 2020, 245, 125528.	8.2	15
11	A modified two-point titration method for the determination of volatile fatty acids in anaerobic systems. <i>Chemosphere</i> , 2018, 204, 251-256.	8.2	14
12	Response of anodic biofilm to hydrodynamic shear in two-chamber bioelectrochemical systems. <i>Electrochimica Acta</i> , 2017, 258, 1304-1310.	5.2	13
13	Effects of rising biogas bubbles on the hydrodynamic shear conditions around anaerobic granule. <i>Chemical Engineering Journal</i> , 2015, 273, 111-119.	12.7	11
14	Effect of regeneration conditions on the emission of HCN in FCC regeneration process. <i>Chemical Engineering Journal</i> , 2020, 389, 124484.	12.7	9
15	Differential transcriptional changes in human alveolar epithelial A549 cells exposed to airborne PM _{2.5} collected from Shanghai, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33656-33666.	5.3	5
16	Study on emission factors of FCC flue gas pollutants in petroleum refineries. <i>Environmental Science and Pollution Research</i> , 2022, 29, 33400-33410.	5.3	3
17	Rheological characterization of digested sludge by solid sphere impact. <i>Bioresource Technology</i> , 2016, 218, 301-306.	9.6	2
18	A fixed-point titration method for the determination of ammonium in anaerobic systems. <i>Analytical Methods</i> , 2018, 10, 3552-3556.	2.7	0