

Changsong Wang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

294
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	An enhanced CdS/TiO ₂ photocatalyst with high stability and activity: Effect of mesoporous substrate and bifunctional linking molecule. <i>Journal of Materials Chemistry</i> , 2011, 21, 4945.	6.7	156
2	Mechanism of waste-heat recovery from slurry by scraped-surface heat exchanger. <i>Applied Energy</i> , 2017, 207, 146-155.	10.1	27
3	Adjusting the rheological properties of corn-straw slurry to reduce the agitation power consumption in anaerobic digestion. <i>Bioresource Technology</i> , 2019, 272, 360-369.	9.6	25
4	Review on heat-utilization processes and heat-exchange equipment in biogas engineering. <i>Journal of Renewable and Sustainable Energy</i> , 2016, 8, .	2.0	24
5	Heat-transfer enhancement for corn straw slurry from biogas plants by twisted hexagonal tubes. <i>Applied Energy</i> , 2020, 262, 114554.	10.1	18
6	Solid-state synthesis of Li ₄ Ti ₅ O ₁₂ whiskers from TiO ₂ -B. <i>Materials Research Bulletin</i> , 2016, 75, 204-210.	5.2	12
7	A high efficient heat exchanger with twisted geometries for biogas process with manure slurry. <i>Applied Energy</i> , 2020, 279, 115871.	10.1	9
8	Mechanism Study of Heat Transfer Enhancement Using Twisted Hexagonal Tube with Slurry from Biogas Plant. <i>Energy Procedia</i> , 2017, 142, 880-885.	1.8	6
9	Reducing the agitation power consumption in anaerobic digestion of corn straw by adjusting the rheological properties. <i>Energy Procedia</i> , 2019, 158, 1267-1272.	1.8	6
10	Mechanism Study of Waste Heat Recovery from Slurry by Surface Scraped Heat Exchanger. <i>Energy Procedia</i> , 2017, 105, 1109-1115.	1.8	5
11	Designing heat exchanger for enhancing heat transfer of slurries in biogas plants. <i>Energy Procedia</i> , 2019, 158, 1288-1293.	1.8	5
12	Phenyl Hypophosphorous Acid-Assisted Synthesis of Carbon-Modified Anatase-Brookite Bicrystal TiO ₂ Nanoparticles with Enhanced Visible-Light Photocatalytic Performance. <i>ChemistrySelect</i> , 2017, 2, 6109-6117.	1.5	1
13	Large-Scale Fabrication of Rutile TiO ₂ with 3D Hierarchical Flower-Like Morphology. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 12991-12995.	0.9	0