

Xiaotong Liu

List of Publications by Year in descending order

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8
papers

269
citations

1163117
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times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotubes synthesized from gaseous products of waste polymer pyrolysis and their application. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 120, 304-313.	5.5	62
2	Tailored mesoporous silica supports for Ni catalysed hydrogen production from ethanol steam reforming. <i>Catalysis Communications</i> , 2017, 91, 76-79.	3.3	51
3	Fundamental studies of carbon capture using CaO-based materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9977-9987.	10.3	50
4	Development of Ca/KIT-6 adsorbents for high temperature CO ₂ capture. <i>Fuel</i> , 2019, 235, 1070-1076.	6.4	31
5	Producing carbon nanotubes from thermochemical conversion of waste plastics using Ni/ceramic based catalyst. <i>Chemical Engineering Science</i> , 2018, 192, 882-891.	3.8	30
6	Thermal Chemical Conversion of High-Density Polyethylene for the Production of Valuable Carbon Nanotubes Using Ni/AAO Membrane Catalyst. <i>Energy & Fuels</i> , 2018, 32, 4511-4520.	5.1	25
7	Production of carbon nanotubes (CNTs) from thermochemical conversion of waste plastics using Ni/anodic aluminum oxide (AAO) template catalyst. <i>Energy Procedia</i> , 2017, 142, 525-530.	1.8	11
8	Ethanol Steam Reforming for Hydrogen Production Over Hierarchical Macroporous Mesoporous SBA-15 Supported Nickel Nanoparticles. <i>Topics in Catalysis</i> , 2020, 63, 403-412.	2.8	9