

Qiong-fen Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/748992/publications.pdf>

Version: 2024-02-01

24
papers

656
citations

516710

16
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance and operation mode analysis of a heat recovery and thermal storage solar-assisted heat pump drying system. <i>Solar Energy</i> , 2016, 137, 225-235.	6.1	75
2	Surface modification of activated carbon fiber by low-temperature oxygen plasma: Textural property, surface chemistry, and the effect of water vapor adsorption. <i>Chemical Engineering Journal</i> , 2021, 418, 129474.	12.7	66
3	Preparation of coffee-shell activated carbon and its application for water vapor adsorption. <i>Renewable Energy</i> , 2019, 142, 11-19.	8.9	57
4	Experimental study of solar photovoltaic/thermal (PV/T) air collector drying performance. <i>Solar Energy</i> , 2020, 208, 978-989.	6.1	50
5	Phosphine Adsorption Removal from Yellow Phosphorus Tail Gas over $\text{CuO}/\text{ZnO}/\text{La}_2\text{O}_3/\text{Activated Carbon}$. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 3960-3965.	3.7	42
6	Preparation of tobacco-stem activated carbon from using response surface methodology and its application for water vapor adsorption in solar drying system. <i>Solar Energy</i> , 2019, 177, 324-336.	6.1	31
7	Progress toward Applications of Perovskite Solar Cells. <i>Energy & Fuels</i> , 2020, 34, 6624-6633.	5.1	31
8	Experimental study of the effect of enhanced mass transfer on the performance improvement of a solar-driven adsorption refrigeration system. <i>Applied Energy</i> , 2018, 224, 417-425.	10.1	27
9	Performance analysis of a secondary heat recovery solar-assisted heat pump drying system for mango. <i>Energy Exploration and Exploitation</i> , 2019, 37, 1377-1387.	2.3	26
10	Preparation and Phosphine Adsorption of Activated Carbon Prepared from Walnut Shells by KOH Chemical Activation. <i>Separation Science and Technology</i> , 2014, 49, 2366-2375.	2.5	25
11	Analysis of factors influencing pore structure development of agricultural and forestry waste-derived activated carbon for adsorption application in gas and liquid phases: A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105905.	6.7	25
12	Preparation and water vapor adsorption of "green" walnut-shell activated carbon by CO_2 physical activation. <i>Adsorption Science and Technology</i> , 2020, 38, 60-76.	3.2	24
13	Characterization and methanol adsorption of walnut-shell activated carbon prepared by KOH activation. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 260-268.	1.0	23
14	An overview of low-temperature plasma surface modification of carbon materials for removal of pollutants from liquid and gas phases. <i>Plasma Processes and Polymers</i> , 2021, 18, 2000171.	3.0	23
15	Characterization of MgCl_2/AC composite adsorbent and its water vapor adsorption for solar drying system application. <i>Renewable Energy</i> , 2019, 138, 1087-1095.	8.9	22
16	Performance comparative study of a solar-powered adsorption refrigerator with a CPC collector/adsorbent bed. <i>Energy Conversion and Management</i> , 2018, 173, 499-507.	9.2	17
17	Characterization of Metal Oxide-modified Walnut-shell Activated Carbon and Its Application for Phosphine Adsorption: Equilibrium, Regeneration, and Mechanism Studies. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 487-495.	1.0	17
18	Preparation of Activated Carbons from Tobacco Stems by Potassium Hydroxide Activation and Phosphine Adsorption. <i>Separation Science and Technology</i> , 2013, 48, 813-819.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Effect of Preparation Conditions on the Property Cu/AC Adsorbents for Phosphine Adsorption. Separation Science and Technology, 2012, 47, 527-533.	2.5	14
20	Experimental study of a solar adsorption refrigeration system integrated with a compound parabolic concentrator based on an enhanced mass transfer cycle in Kunming, China. Solar Energy, 2020, 195, 37-46.	6.1	14
21	Effect of carbonization temperature on characterization and water vapor adsorption of coffee-shell activated carbon. Adsorption Science and Technology, 2020, 38, 377-392.	3.2	14
22	Impact of three different enhancing mass transfer operating characteristics on a solar adsorption refrigeration system with compound parabolic concentrator. Renewable Energy, 2020, 152, 1354-1366.	8.9	11
23	Optimization of ethanol-extracted lignin from palm fiber by response surface methodology and preparation of activated carbon fiber for dehumidification. Bioresources and Bioprocessing, 2022, 9, .	4.2	5
24	Adsorption of Carbon Dioxide on Coconut Shell Activated Carbon. , 2010, , .		1