

Laemthong Chuenchom

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3799287/publications.pdf>

Version: 2024-02-01

26
papers

930
citations

758635

12
h-index

642321

23
g-index

26
all docs

26
docs citations

26
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in soft-templating of porous carbon materials. <i>Soft Matter</i> , 2012, 8, 10801.	1.2	213
2	Generation of Hierarchical Meso- and Macroporous Carbon from Mesophase Pitch by Spinodal Decomposition using Polymer Templates. <i>Advanced Materials</i> , 2007, 19, 4012-4017.	11.1	147
3	Magnetic carbon composites with a hierarchical structure for adsorption of tetracycline, prepared from sugarcane bagasse via hydrothermal carbonization coupled with simple heat treatment process. <i>Bioresource Technology</i> , 2017, 226, 164-172.	4.8	134
4	New Triblock Copolymer Templates, PEO- <i>b</i> -PB- <i>b</i> -PEO, for the Synthesis of Titania Films with Controlled Mesopore Size, Wall Thickness, and Bimodal Porosity. <i>Small</i> , 2012, 8, 298-309.	5.2	96
5	A screen-printed carbon electrode modified with gold nanoparticles, poly(3,4-ethylenedioxythiophene), poly(styrene sulfonate) and a molecular imprint for voltammetric determination of nitrofurantoin. <i>Mikrochimica Acta</i> , 2018, 185, 261.	2.5	51
6	Green and sustainable zero-waste conversion of water hyacinth (<i>Eichhornia crassipes</i>) into superior magnetic carbon composite adsorbents and supercapacitor electrodes. <i>RSC Advances</i> , 2019, 9, 24248-24258.	1.7	42
7	Green and facile synthesis of hierarchically porous carbon monoliths via surface self-assembly on sugarcane bagasse scaffold: Influence of mesoporosity on efficiency of dye adsorption. <i>Microporous and Mesoporous Materials</i> , 2020, 296, 110005.	2.2	35
8	Magnetic carbon nanofiber composite adsorbent through green in-situ conversion of bacterial cellulose for highly efficient removal of bisphenol A. <i>Bioresource Technology</i> , 2021, 333, 125184.	4.8	32
9	Cross-Linking Silsesquioxane Cages with Polyaromatics as Fluorescent Porous Polymers for Fluoride Sensing and Removal. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1244-1255.	2.0	29
10	Highly Active Binder-Free Catalytic Coatings for Heterogeneous Catalysis and Electrocatalysis: Pd on Mesoporous Carbon and Its Application in Butadiene Hydrogenation and Hydrogen Evolution. <i>ACS Catalysis</i> , 2016, 6, 8255-8263.	5.5	25
11	Iron oxide nanoparticles supported on biogenic silica derived from bamboo leaf ash for rhodamine B photodegradation. <i>Sustainable Chemistry and Pharmacy</i> , 2019, 13, 100149.	1.6	18
12	Dependence of PEO content in the preparation of Fe ₃ O ₄ /PEO/TMAH ferrofluids and their antibacterial activity. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	14
13	Green synthesis of low-cost and eco-friendly adsorbent for dye and pharmaceutical adsorption: kinetic, isotherm, thermodynamic and regeneration studies. <i>Materials Research Express</i> , 2019, 6, 125526.	0.8	13
14	Greener Monolithic Solid Phase Extraction Biosorbent Based on Calcium Cross-Linked Starch Cryogel Composite Graphene Oxide Nanoparticles for Benzo(a)pyrene Analysis. <i>Molecules</i> , 2021, 26, 6163.	1.7	13
15	Carbon Adsorbents from Sugarcane Bagasse Prepared through Hydrothermal Carbonization for Adsorption of Methylene Blue: Effect of Heat Treatment on Adsorption Efficiency. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 515, 012003.	0.3	12
16	Zingiber cassumunar Roxb. Essential Oil-Loaded Electrospun Poly(lactic acid)/Poly(ethylene oxide) Fiber Blend Membrane for Antibacterial Wound Dressing Application. <i>Membranes</i> , 2021, 11, 648.	1.4	10
17	Mesoporous Magnetic Carbon Adsorbents Prepared from Sugarcane Bagasse and Fe ²⁺ and Fe ³⁺ via Simultaneous Magnetization and Activation for Tetracycline Adsorption. <i>Science of Advanced Materials</i> , 2020, 12, 161-172.	0.1	10
18	Manganese Oxide and Temperature Induced on Microstructure and Electrical Properties of Graphene-(Mn ₂ O ₃) _x -ZnO/Ni Foam. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 515, 012097.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Preparation and Characterization of Calcium Cross-Linked Starch Monolithic Cryogels and Their Application as Cost-Effective Green Filters. <i>Polymers</i> , 2021, 13, 3975.	2.0	6
20	Sugarcane Bagasse Ash as a Catalyst Support for Facile and Highly Scalable Preparation of Magnetic Fenton Catalysts for Ultra-Highly Efficient Removal of Tetracycline. <i>Catalysts</i> , 2022, 12, 446.	1.6	6
21	One-Pot and Green Preparation of Phyllanthus emblica Extract/Silver Nanoparticles/Polyvinylpyrrolidone Spray-On Dressing. <i>Polymers</i> , 2022, 14, 2205.	2.0	6
22	Facile and environmentally friendly magnetic mesoporous carbon for the selective extraction of antioxidants from water. <i>Analytical Methods</i> , 2019, 11, 4204-4210.	1.3	5
23	Temperature effect on crystal structures, morphological shapes, and functional groups of zinc oxide. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	3
24	Facile preparation protocol of magnetic mesoporous carbon acid catalysts via soft-template self-assembly method and their applications in conversion of xylose into furfural. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200349.	1.6	3
25	Liquid-Phase Selective Hydrogenation of Furfural to Furfuryl Alcohol over Ferromagnetic Element (Fe, Co, Ni, Nd)-Promoted Pt Catalysts Supported on Activated Carbon. <i>Catalysts</i> , 2022, 12, 393.	1.6	1
26	Aqueous-phase Selective Hydrogenation of Furfural to Furfuryl Alcohol over Ordered-mesoporous Carbon Supported Pt Catalysts Prepared by One-step Modified Soft-template Self-assembly Method. <i>Journal of Oleo Science</i> , 2022, , .	0.6	0