

Deliang Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/692555/publications.pdf>

Version: 2024-02-01

12
papers

309
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	Mini-Review on Char Catalysts for Tar Reforming during Biomass Gasification: The Importance of Char Structure. <i>Energy & Fuels</i> , 2020, 34, 1219-1229.	5.1	98
2	Application of Biochar Derived From Pyrolysis of Waste Fiberboard on Tetracycline Adsorption in Aqueous Solution. <i>Frontiers in Chemistry</i> , 2019, 7, 943.	3.6	39
3	Conversion and transformation of N species during pyrolysis of wood-based panels: A review. <i>Environmental Pollution</i> , 2021, 270, 116120.	7.5	36
4	Characterization of adhesive penetration in wood bond by means of scanning thermal microscopy (SThM). <i>Holzforschung</i> , 2016, 70, 323-330.	1.9	34
5	Fabrication of a flexible film electrode based on cellulose nanofibers aerogel dispersed with functionalized graphene decorated with SnO ₂ for supercapacitors. <i>Journal of Materials Science</i> , 2018, 53, 11648-11658.	3.7	31
6	Transition characteristics of a carbonized wood cell wall investigated by scanning thermal microscopy (SThM). <i>Wood Science and Technology</i> , 2017, 51, 831-843.	3.2	19
7	Effects of Glucose on Nitrogen Retention and Transformation during Copyrolysis with Fiberboard Waste. <i>Energy & Fuels</i> , 2020, 34, 11083-11090.	5.1	14
8	The effects of interactions between fiberboard-derived volatiles and glucose-derived biochar on N retention and char structure during the decoupled pyrolysis of fiberboard and glucose using a double-bed reactor. <i>Renewable Energy</i> , 2022, 191, 134-140.	8.9	12
9	N Evolution and Physiochemical Structure Changes in Chars during Co-Pyrolysis: Effects of Abundance of Glucose in Fiberboard. <i>Energies</i> , 2020, 13, 5105.	3.1	9
10	Effects of Water Content and Particle Size on Yield and Reactivity of Lignite Chars Derived from Pyrolysis and Gasification. <i>Molecules</i> , 2018, 23, 2717.	3.8	7
11	Extruded Solid Biofuels of Rice Straw Plus Oriented Strand Board Residues at Various Proportions. <i>Energies</i> , 2020, 13, 3468.	3.1	7
12	Synergistic Effect of APP and TBC Fire-Retardants on the Physico-Mechanical Properties of Strandboard. <i>Materials</i> , 2022, 15, 435.	2.9	3