

# Hui Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8670738/publications.pdf>

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12  
papers

206  
citations

1163117  
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1281871  
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all docs

12  
docs citations

12  
times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological and structural evolution of bituminous coal slime particles during the process of combustion. <i>Fuel</i> , 2018, 218, 49-58.	6.4	45
2	Ignition and Combustion Behaviors of Coal Slime in Air. <i>Energy &amp; Fuels</i> , 2017, 31, 11439-11447.	5.1	44
3	Experimental investigation on ash deposition of a bituminous coal during oxy-fuel combustion in a bench-scale fluidized bed. <i>Fuel Processing Technology</i> , 2015, 132, 24-30.	7.2	28
4	Effect of steam on the transformation of sulfur during demineralized coal pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 140, 161-169.	5.5	22
5	Nickel silicate hydroxide on hierarchically porous carbon derived from rice husks as high-performance electrode material for supercapacitors. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 35351-35364.	7.1	17
6	Combustion performance of an adjustable fuel feeding combustor under off-design conditions for a micro-gas turbine. <i>Applied Energy</i> , 2017, 208, 12-24.	10.1	15
7	Development of a mechanistic fouling model for predicting deposit formation in a woodchip-fired grate boiler. <i>Energy</i> , 2021, 220, 119699.	8.8	11
8	Effects of process parameters on the physicochemical properties of corn stalk hydrochar and the removal of alkali and alkaline earth metals. <i>IET Renewable Power Generation</i> , 2021, 15, 1397-1407.	3.1	10
9	Impacts of water vapor and AAEMs on limestone desulfurization during coal combustion in a bench-scale fluidized-bed combustor. <i>Fuel Processing Technology</i> , 2017, 155, 134-143.	7.2	9
10	Co-combustion and ash characteristics of Zhundong coal with rice husk hydrochar prepared by the hydrothermal carbonization technology for co-combustion. <i>IET Renewable Power Generation</i> , 2022, 16, 329-338.	3.1	3
11	Combustion characteristics of spherical particles mixed with coal slime and sawdust. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 535-549.	2.3	1
12	The behavior of coal slime bursting in early stage combustion and induced pore structure change. <i>Asia-Pacific Journal of Chemical Engineering</i> , 0, , .	1.5	1