

Yiran Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/208900/publications.pdf>

Version: 2024-02-01

10
papers

235
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the synergistic effect and kinetic behavior of anthracite and biochar during co-combustion process in pure oxygen atmosphere. <i>Journal of the Energy Institute</i> , 2022, 101, 1-18.	5.3	9
2	HMB-CFD study of oxygen-enriched pulverised coal combustion in an ironmaking blast furnace. <i>Powder Technology</i> , 2022, 407, 117610.	4.2	6
3	CFD Study of Hydrogen Injection in Blast Furnaces: Tuyere Co-injection of Hydrogen and Coal. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2021, 52, 2971-2991.	2.1	29
4	Modelling and optimisation of biomass injection in ironmaking blast furnaces. <i>Progress in Energy and Combustion Science</i> , 2021, 87, 100952.	31.2	43
5	Computational fluid dynamics study of re-blowin operation in an ironmaking blast furnace. <i>Powder Technology</i> , 2020, 361, 145-159.	4.2	14
6	Combined Experimental and Numerical Study of Charcoal Injection in a Blast Furnace: Effect of Biomass Pretreatment. <i>Energy & Fuels</i> , 2020, 34, 827-841.	5.1	17
7	Three-dimensional modelling of charcoal combustion in an industrial scale blast furnace. <i>Fuel</i> , 2019, 258, 116088.	6.4	56
8	CFD study of charcoal combustion in a simulated ironmaking blast furnace. <i>Fuel Processing Technology</i> , 2019, 191, 152-167.	7.2	28
9	Computational Fluid Dynamics Study of Biomass Combustion in a Simulated Ironmaking Blast Furnace: Effect of the Particle Shape. <i>Energy & Fuels</i> , 2018, 32, 4372-4381.	5.1	28
10	Synthesis and Non-isothermal Carbothermic Reduction of FeTiO ₃ -Fe ₂ O ₃ Solid Solution Systems. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2017, 48, 2419-2427.	2.1	5