

G Brem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11627753/publications.pdf>

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14
papers

1,745
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1947
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Catalysts for Tar Elimination in Biomass Gasification Processes. Industrial & Engineering Chemistry Research, 2004, 43, 6911-6919.	3.7	668
2	Experimental comparison of biomass chars with other catalysts for tar reduction. Fuel, 2008, 87, 2243-2252.	6.4	387
3	A critical review on recycling of end-of-life carbon fibre/glass fibre reinforced composites waste using pyrolysis towards a circular economy. Resources, Conservation and Recycling, 2018, 136, 118-129.	10.8	264
4	Catalytic upgrading of biomass pyrolysis vapours using faujasite zeolite catalysts. Biomass and Bioenergy, 2013, 48, 100-110.	5.7	110
5	Conversion of lignocellulosic biomass to green fuel oil over sodium based catalysts. Bioresource Technology, 2013, 142, 353-360.	9.6	77
6	Torrefied biomass as feed for fast pyrolysis: An experimental study and chain analysis. Biomass and Bioenergy, 2017, 105, 116-126.	5.7	68
7	The impact of spray quality on the combustion of a viscous biofuel in a micro gas turbine. Applied Energy, 2014, 132, 575-585.	10.1	55
8	Characterization of viscous biofuel sprays using digital imaging in the near field region. Applied Energy, 2015, 147, 161-175.	10.1	26
9	The effect of air preheating on the combustion of solid fuels on a grate. Fuel, 2004, 83, 1123-1131.	6.4	24
10	Numerical study of pyrolysis oil combustion in an industrial gas turbine. Energy Conversion and Management, 2016, 127, 504-514.	9.2	22
11	On-Line Calorific Value Sensor and Validation of Dynamic Models Applied to Municipal Solid Waste Combustion. Chemical Engineering Research and Design, 2002, 80, 245-255.	5.6	16
12	Study on the catalytic conversion of lignin-derived components in pyrolysis vapour using model component. Catalysis Today, 2016, 259, 381-387.	4.4	10
13	Hydrotalcite as a deoxygenation catalyst in fast pyrolysis of biomass for the production of high quality bio-oil. Journal of Analytical and Applied Pyrolysis, 2022, 161, 105431.	5.5	10
14	Single char particle model for naphthalene reduction in a biomass gasification system. Biomass and Bioenergy, 2015, 72, 19-27.	5.7	8