

# G Brem

## List of Publications by Year in descending order

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