

Scott W Banks

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16 papers	782 citations	12 h-index	16 g-index
16 ext. papers	1,006 ext. citations	7.6 avg, IF	4.26 L-index

#	Paper	IF	Citations
16	Review of physicochemical properties and analytical characterization of lignocellulosic biomass. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 76, 309-322	16.2	280
15	Processing thermogravimetric analysis data for isoconversional kinetic analysis of lignocellulosic biomass pyrolysis: Case study of corn stalk. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 82, 2705-2715	16.2	155
14	A kinetic reaction model for biomass pyrolysis processes in Aspen Plus. <i>Applied Energy</i> , 2017 , 188, 595-603	13.7	50
13	Effect of temperature on product performance of a high ash biomass during fast pyrolysis and its bio-oil storage evaluation. <i>Fuel Processing Technology</i> , 2018 , 172, 97-105	7.2	49
12	Impact of Potassium and Phosphorus in Biomass on the Properties of Fast Pyrolysis Bio-oil. <i>Energy & Fuels</i> , 2016 , 30, 8009-8018	4.1	49
11	Biomass pyrolysis TGA assessment with an international round robin. <i>Fuel</i> , 2020 , 276, 118002	7.1	34
10	Fast pyrolysis processing of surfactant washed Miscanthus. <i>Fuel Processing Technology</i> , 2014 , 128, 94-103	7.2	33
9	Impact of Miscanthus x giganteus senescence times on fast pyrolysis bio-oil quality. <i>Bioresource Technology</i> , 2013 , 129, 335-42	11	31
8	Fast pyrolysis of date palm (<i>Phoenix dactylifera</i>) waste in a bubbling fluidized bed reactor. <i>Renewable Energy</i> , 2019 , 143, 719-730	8.1	28
7	Coal and biomass co-pyrolysis in a fluidized-bed reactor: Numerical assessment of fuel type and blending conditions. <i>Fuel</i> , 2020 , 275, 118004	7.1	19
6	Viscosity of Aged Bio-oils from Fast Pyrolysis of Beech Wood and Miscanthus: Shear Rate and Temperature Dependence. <i>Energy & Fuels</i> , 2016 , 30, 4999-5004	4.1	16
5	Theoretical Analysis of Double Logistic Distributed Activation Energy Model for Thermal Decomposition Kinetics of Solid Fuels. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 7817-7825	3.9	15
4	Comparative Study on Catalytic and Non-Catalytic Pyrolysis of Olive Mill Solid Wastes. <i>Waste and Biomass Valorization</i> , 2018 , 9, 301-313	3.2	10
3	The role of catalyst acidity and shape selectivity on products from the catalytic fast pyrolysis of beech wood. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019 , 162, 104710	6	8
2	Catalytic fast pyrolysis for improved liquid quality 2016 , 391-429		5
1	Potential of Virginia Mallow as an Energy Feedstock. <i>Waste and Biomass Valorization</i> , 2021 , 12, 2375-2388	3.2	0