

Alexander Wright

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

131
citations

1306789

7
h-index

1588620

8
g-index

8
all docs

8
docs citations

8
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric barrier discharge plasma microbubble reactor for pretreatment of lignocellulosic biomass. <i>AIChE Journal</i> , 2018, 64, 3803-3816.	1.8	42
2	Microbubble-enhanced DBD plasma reactor: Design, characterisation and modelling. <i>Chemical Engineering Research and Design</i> , 2019, 144, 159-173.	2.7	29
3	Microbubble-enhanced dielectric barrier discharge pretreatment of microcrystalline cellulose. <i>Biomass and Bioenergy</i> , 2018, 118, 46-54.	2.9	13
4	An integrated microfluidic chip for generation and transfer of reactive species using gas plasma. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	1.0	13
5	Influence of the On-time on the Ozone Production in Pulsed Dielectric Barrier Discharges. <i>Plasma</i> , 2019, 2, 39-50.	0.7	12
6	Influence of the voltage waveform's shape and on-time duration on the dissolved ozone produced by a DBD bubble reactor. <i>Plasma Sources Science and Technology</i> , 2019, 28, 035001.	1.3	9
7	Plasma-assisted pre-treatment of lignocellulosic biomass for anaerobic digestion. <i>Food and Bioproducts Processing</i> , 2020, 124, 287-295.	1.8	8
8	Effect of humic acid on E. coli disinfection in a microbubble-gas plasma reactor. <i>Journal of Water Process Engineering</i> , 2019, 31, 100881.	2.6	5