

# Eric J Bringley

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

148  
citations

1307543

7  
h-index

1281846

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulations of TiO <sub>2</sub> nanoparticles synthesised off-centreline in jet-wall stagnation flames. Journal of Aerosol Science, 2022, 162, 105928.	3.8	6
2	Kinetic Monte Carlo statistics of curvature integration by HACA growth and bay closure reactions for PAH growth in a counterflow diffusion flame. Proceedings of the Combustion Institute, 2021, 38, 1449-1457.	3.9	9
3	Temperature and CH* measurements and simulations of laminar premixed ethylene jet-wall stagnation flames. Proceedings of the Combustion Institute, 2021, 38, 2083-2091.	3.9	2
4	Automated Calibration of a Poly(oxymethylene) Dimethyl Ether Oxidation Mechanism Using the Knowledge Graph Technology. Journal of Chemical Information and Modeling, 2021, 61, 1701-1717.	5.4	15
5	The role of oxygenated species in the growth of graphene, fullerenes and carbonaceous particles. Carbon, 2021, 182, 203-213.	10.3	14
6	Polymorphism of nanocrystalline TiO <sub>2</sub> prepared in a stagnation flame: formation of the TiO <sub>2</sub> -II phase. Chemical Science, 2019, 10, 1342-1350.	7.4	40
7	Analysing the effect of screw configuration using a stochastic twin-screw granulation model. Chemical Engineering Science, 2019, 203, 358-379.	3.8	8
8	Experimental and computational investigation of mixing with contra-rotating, baffle-free impellers. Chemical Engineering Research and Design, 2018, 130, 63-77.	5.6	14
9	Electrodeposition of Ag Overlayers onto Pt(111): Structural, Electrochemical and Electrocatalytic Properties. Electrocatalysis, 2017, 8, 605-615.	3.0	4
10	Numerical analysis of the mixing characteristic for napier grass in the continuous stirring tank reactor for biogas production. Biomass and Bioenergy, 2016, 86, 53-64.	5.7	29
11	Minimally Invasive Identification of Degraded Polyester-Urethane Magnetic Tape Using Attenuated Total Reflection Fourier Transform Infrared Spectroscopy and Multivariate Statistics. Analytical Chemistry, 2015, 87, 9265-9272.	6.5	7