

Gordon Parkinson

List of Publications by Year in descending order

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14
papers

416
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ SAXS studies of the pore development in biochar during gasification. Carbon, 2021, 172, 454-462.	10.3	24
2	Insights into the mechanism of tar reforming using biochar as a catalyst. Fuel, 2021, 296, 120672.	6.4	24
3	Difference in tar reforming activities between biochar catalysts activated in H ₂ O and CO ₂ . Fuel, 2020, 271, 117636.	6.4	26
4	Role of O-containing functional groups in biochar during the catalytic steam reforming of tar using the biochar as a catalyst. Fuel, 2019, 253, 441-448.	6.4	104
5	A self-heating oxygen pump using microchanneled ceramic membranes for portable oxygen supply. Chemical Engineering Science, 2018, 192, 541-550.	3.8	4
6	High performance anode with dendritic porous structure for low temperature solid oxide fuel cells. International Journal of Hydrogen Energy, 2018, 43, 17849-17856.	7.1	18
7	An azobenzene-based photoswitchable crystal growth modifier. CrystEngComm, 2017, 19, 1286-1293.	2.6	7
8	Hierarchically ordered porous Ni-based cathode-supported solid oxide electrolysis cells for stable CO ₂ electrolysis without safe gas. Journal of Materials Chemistry A, 2017, 5, 24098-24102.	10.3	35
9	Thin ceramic membrane with dendritic microchanneled sub structure and high oxygen permeation rate. Journal of Membrane Science, 2017, 541, 653-660.	8.2	17
10	Microchannel structure of ceramic membranes for oxygen separation. Journal of the European Ceramic Society, 2016, 36, 3193-3199.	5.7	16
11	Improved gas diffusion within microchanneled cathode supports of SOECs for steam electrolysis. International Journal of Hydrogen Energy, 2016, 41, 19829-19835.	7.1	34
12	Microchanneled anode supports of solid oxide fuel cells. Electrochemistry Communications, 2014, 42, 64-67.	4.7	30
13	Microstructure control of oxygen permeation membranes with templated microchannels. Journal of Materials Chemistry A, 2014, 2, 410-417.	10.3	40
14	A microchanneled ceramic membrane for highly efficient oxygen separation. Journal of Materials Chemistry A, 2013, 1, 9641.	10.3	37