

Gregory N Okolo

List of Publications by Year in descending order

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9
papers

930
citations

1162367

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1473754

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all docs

9
docs citations

9
times ranked

963
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing the porosity and surface areas of coal as measured by gas adsorption, mercury intrusion and SAXS techniques. <i>Fuel</i> , 2015, 141, 293-304.	3.4	360
2	Chemical and structural properties of South African bituminous coals: Insights from wide angle XRD and carbon fraction analysis, ATR-FTIR, solid state ¹³ C NMR, and HRTEM techniques. <i>Fuel</i> , 2015, 158, 779-792.	3.4	262
3	The carbon dioxide gasification characteristics of biomass char samples and their effect on coal gasification reactivity during co-gasification. <i>Bioresource Technology</i> , 2018, 258, 70-78.	4.8	83
4	X-ray diffraction parameters and reaction rate modeling for gasification and combustion of chars derived from inertinite-rich coals. <i>Fuel</i> , 2013, 109, 148-156.	3.4	67
5	Density functional theory molecular modelling and experimental particle kinetics for CO ₂ char gasification. <i>Carbon</i> , 2015, 93, 295-314.	5.4	58
6	Chemical and structural characterization of char development during lignocellulosic biomass pyrolysis. <i>Bioresource Technology</i> , 2017, 243, 941-948.	4.8	38
7	The characterisation of slow-heated inertinite- and vitrinite-rich coals from the South African coalfields. <i>Fuel</i> , 2015, 158, 591-601.	3.4	36
8	The carbon dioxide, methane and nitrogen high-pressure sorption properties of South African bituminous coals. <i>International Journal of Coal Geology</i> , 2019, 209, 40-53.	1.9	22
9	Dataset on the carbon dioxide, methane and nitrogen high-pressure sorption properties of South African bituminous coals. <i>Data in Brief</i> , 2019, 25, 104248.	0.5	4