Robbie Warringham

List of Publications by Year
in descending order

17	296	933447 10	940533 16
papers	citations	h-index	g-index

19	19	19	463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantifying the Complex Pore Architecture of Hierarchical Faujasite Zeolites and the Impact on Diffusion. Advanced Functional Materials, 2016, 26, 5621-5630.	14.9	61
2	The application of inelastic neutron scattering to investigate CO hydrogenation over an iron Fischerâ€“Tropsch synthesis catalyst. Journal of Catalysis, 2014, 312, 221-231.	6.2	33
3	The application of inelastic neutron scattering to investigate the â€˜dryâ€™ reforming of methane over an alumina-supported nickel catalyst operating under conditions where filamentous carbon formation is prevalent. RSC Advances, 2013, 3, 16577-16589.	3.6	29
4	The assessment of pore connectivity in hierarchical zeolites using positron annihilation lifetime spectroscopy: instrumental and morphological aspects. Physical Chemistry Chemical Physics, 2016, 18, 9211-9219.	2.8	26
5	Vibrational Analysis of an Industrial Feâ€Based Fischerâ€“Tropsch Catalyst Employing Inelastic Neutron Scattering. Angewandte Chemie - International Edition, 2013, 52, 5608-5611.	13.8	25
6	Mapping the Birth and Evolution of Pores upon Thermal Activation of Layered Hydroxides. Chemistry of Materials, 2017, 29, 4052-4062.	6.7	18
7	The application of inelastic neutron scattering to explore the significance of a magnetic transition in an iron based Fischer-Tropsch catalyst that is active for the hydrogenation of CO. Journal of Chemical Physics, 2015, 143, 174703.	3.0	17
8	Insights into the Mechanism of Zeolite Detemplation by Positron Annihilation Lifetime Spectroscopy. Journal of Physical Chemistry C, 2016, 120, 25451-25461.	3.1	16
9	Examining the temporal behavior of the hydrocarbonaceous overlayer on an iron based Fischerâ€“Tropsch catalyst. RSC Advances, 2019, 9, 2608-2617.	3.6	16
10	The application of inelastic neutron scattering to investigate a hydrogen pre-treatment stage of an iron Fischerâ€“Tropsch catalyst. Applied Catalysis A: General, 2015, 489, 209-217.	4.3	14
11	Shedding New Light on Nanostructured Catalysts with Positron Annihilation Spectroscopy. Small Methods, 2018, 2, 1800268.	8.6	13
12	Perspectives on the effect of sulfur on the hydrocarbonaceous overlayer on iron Fischer-Tropsch catalysts. Catalysis Today, 2020, 339, 32-39.	4.4	11
13	Pore Topology Effects in Positron Annihilation Spectroscopy of Zeolites. ChemPhysChem, 2017, 18, 470-479.	2.1	9
14	Acidity Effects in Positron Annihilation Lifetime Spectroscopy of Zeolites. Journal of Physical Chemistry C, 2018, 122, 3443-3453.	3.1	6
15	Positron Annihilation Spectroscopy: Shedding New Light on Nanostructured Catalysts with Positron Annihilation Spectroscopy (Small Methods 12/2018). Small Methods, 2018, 2, 1800060.	8.6	1
16	Hierarchical Structures: Quantifying the Complex Pore Architecture of Hierarchical Faujasite Zeolites and the Impact on Diffusion (Adv. Funct. Mater. 31/2016). Advanced Functional Materials, 2016, 26, 5768-5768.	14.9	0
17	Pore Topology Effects in Positron Annihilation Spectroscopy of Zeolites. ChemPhysChem, 2017, 18, 428-428.	2.1	0