Peter W Albers

List of Publications by Year
in descending order

21 papers	826 citations	623734 14 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	1099 citing authors

#	Article	IF	Citations
1	Poisoning and deactivation of palladium catalysts. Journal of Molecular Catalysis A, 2001, 173, 275-286.	4.8	268
2	Vibrational Spectroscopy with Neutrons: A Review of New Directions. Applied Spectroscopy, 2011, 65, 1325-1341.	2.2	143
3	Investigations of activated carbon catalyst supports from different natural sources. Physical Chemistry Chemical Physics, 2003, 5, 1941-1949.	2.8	62
4	The effect of particle size, morphology and support on the formation of palladium hydride in commercial catalysts. Chemical Science, 2019, 10, 480-489.	7.4	43
5	Characterisation of the adsorption sites of hydrogen on Pt/C fuel cell catalysts. Catalysis Today, 2006, 114, 418-421.	4.4	42
6	Characterization of Hydrous Palladium Oxide: Implications for Low-Temperature Carbon Monoxide Oxidation. Journal of Physical Chemistry C, 2010, 114, 14164-14172.	3.1	34
7	Inelastic Neutron Scattering Investigation of the Nature of Surface Sites Occupied by Hydrogen on Highly Dispersed Platinum on Commercial Carbon Black Supports. Journal of Catalysis, 2000, 196, 174-179.	6.2	32
8	Catalyst poisoning by methyl groups. Chemical Communications, 1999, , 1619-1620.	4.1	27
9	Identification of Surface States on Finely Divided Supported Palladium Catalysts by Means of Inelastic Incoherent Neutron Scattering. Langmuir, 2004, 20, 8254-8260.	3.5	26
10	Inelastic neutron scattering investigation on the site occupation of atomic hydrogen on platinum particles of different size. Journal of Catalysis, 2004, 223, 44-53.	6.2	24
11	Adsorbed States of Hydrogen on Platinum: A New Perspective. Chemistry - A European Journal, 2019, 25, 6496-6499.	3.3	23
12	Structure determination of adsorbed hydrogen on a real catalyst. Chemical Communications, 2010, 46, 2959.	4.1	22
13	The fine structure of Pearlman's catalyst. Physical Chemistry Chemical Physics, 2015, 17, 5274-5278.	2.8	22
14	Inelastic incoherent neutron scattering study of the molecular properties of pure hydrogen peroxide and its water mixtures of different concentration. Journal of Chemical Physics, 2014, 140, 164504.	3.0	15
15	The use of direct geometry spectrometers in molecular spectroscopy. Journal of Physics: Conference Series, 2014, 554, 012004.	0.4	10
16	Characterisation of the surface of freshly prepared precious metal catalysts. Physical Chemistry Chemical Physics, 2016, 18, 17196-17201.	2.8	7
17	The Characterisation of Hydrogen on Nickel and Cobalt Catalysts. Topics in Catalysis, 2021, 64, 644-659.	2.8	6
18	Investigation of Commercial Graphenes. ChemistryOpen, 2020, 9, 1060-1064.	1.9	5

#	Article	IF	Citations
19	Applications of Neutron Scattering in Technical Catalysis: Characterisation of Hydrogenous Species on/in Unsupported and Supported Palladium. Topics in Catalysis, 2021, 64, 603-613.	2.8	3
20	Structure and spectroscopy of methionyl-methionine for aquaculture. Scientific Reports, 2021, 11, 458.	3.3	2
21	Materials for Solid Catalysts. Springer Handbooks, 2018, , 935-955.	0.6	1