

# James P Olivier

## List of Publications by Year in descending order

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14  
papers

13,923  
citations

759233

12  
h-index

1125743

13  
g-index

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all docs

14  
docs citations

14  
times ranked

15615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physisorption of gases, with special reference to the evaluation of surface area and pore size distribution (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2015, 87, 1051-1069.	1.9	12,159
2	2D-NLDFT adsorption models for carbon slit-shaped pores with surface energetical heterogeneity and geometrical corrugation. <i>Carbon</i> , 2013, 55, 70-80.	10.3	440
3	Carbon slit pore model incorporating surface energetical heterogeneity and geometrical corrugation. <i>Adsorption</i> , 2013, 19, 777-783.	3.0	272
4	Using a New Finite Slit Pore Model for NLDFT Analysis of Carbon Pore Structure. <i>Adsorption Science and Technology</i> , 2011, 29, 769-780.	3.2	24
5	A Simple Two-Dimensional NLDFT Model of Gas Adsorption in Finite Carbon Pores. Application to Pore Structure Analysis. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19382-19385.	3.1	156
6	The Surface Heterogeneity of Carbon and Its Assessment. , 2008, , 147-166.		5
7	An overview of physical adsorption methods for the characterization of finely divided and porous materials and their application to fluid cracking catalysts. <i>Studies in Surface Science and Catalysis</i> , 2004, , 1-33.	1.5	4
8	Surface area and microporosity of pillared rectorite catalysts from a hybrid density functional theory method. <i>Microporous and Mesoporous Materials</i> , 2003, 57, 291-296.	4.4	37
9	Determination of Pore Size Distribution, Surface Area, and Acidity in Fluid Cracking Catalysts (FCCs) from Nonlocal Density Functional Theoretical Models of Adsorption and from Microcalorimetry Methods. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4128-4136.	2.6	42
10	Surface Area and Microporosity of a Pillared Interlayered Clay (PILC) from a Hybrid Density Functional Theory (DFT) Method. <i>Journal of Physical Chemistry B</i> , 2001, 105, 623-629.	2.6	53
11	A new method for the accurate pore size analysis of MCM-41 and other silica based mesoporous materials. <i>Studies in Surface Science and Catalysis</i> , 2000, , 71-80.	1.5	46
12	Improving the models used for calculating the size distribution of micropore volume of activated carbons from adsorption data. <i>Carbon</i> , 1998, 36, 1469-1472.	10.3	268
13	The Determination of Surface Energetic Heterogeneity Using Model Isotherms Calculated by Density Functional Theory. <i>Kluwer International Series in Engineering and Computer Science</i> , 1996, , 699-707.	0.2	18
14	Modeling physical adsorption on porous and nonporous solids using density functional theory. <i>Journal of Porous Materials</i> , 1995, 2, 9-17.	2.6	399