

# Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3617880/publications.pdf>

Version: 2024-02-01

11  
papers

450  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

670  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput computational screening of 137953 metal-organic frameworks for membrane separation of a CO <sub>2</sub> /N <sub>2</sub> /CH <sub>4</sub> mixture. Journal of Materials Chemistry A, 2016, 4, 15904-15912.	10.3	99
2	Lipase adsorption on different nanomaterials: a multi-scale simulation study. Physical Chemistry Chemical Physics, 2015, 17, 840-850.	2.8	78
3	Adsorption of Hydrophobin on Different Self-Assembled Monolayers: The Role of the Hydrophobic Dipole and the Electric Dipole. Langmuir, 2014, 30, 11401-11411.	3.5	68
4	Molecular Understanding of the Penetration of Functionalized Gold Nanoparticles into Asymmetric Membranes. Langmuir, 2017, 33, 361-371.	3.5	51
5	Molecular Simulations of Cytochrome <i>c</i> Adsorption on a Bare Gold Surface: Insights for the Hindrance of Electron Transfer. Journal of Physical Chemistry C, 2015, 119, 20773-20781.	3.1	29
6	Molecular simulations of cytochrome c adsorption on positively charged surfaces: the influence of anion type and concentration. Physical Chemistry Chemical Physics, 2016, 18, 9979-9989.	2.8	29
7	Molecular Understanding of Laccase Adsorption on Charged Self-Assembled Monolayers. Journal of Physical Chemistry B, 2017, 121, 10610-10617.	2.6	29
8	Structural properties of polymer-brush-grafted gold nanoparticles at the oil-water interface: insights from coarse-grained simulations. Soft Matter, 2016, 12, 3352-3359.	2.7	25
9	Molecular Simulation Study of Feruloyl Esterase Adsorption on Charged Surfaces: Effects of Surface Charge Density and Ionic Strength. Langmuir, 2015, 31, 10751-10763.	3.5	21
10	Molecular simulations of myoglobin adsorbed on rutile (110) and (001) surfaces. Fluid Phase Equilibria, 2014, 362, 349-354.	2.5	19
11	Computer Simulations of Fibronectin Adsorption on Graphene Modified Titanium Dioxide Surfaces. Acta Chimica Sinica, 2014, 72, 401.	1.4	2