

# Xinwen Ou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/810938/publications.pdf>

Version: 2024-02-01

13  
papers

176  
citations

1478505

6  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and sequence features of mussel adhesive protein lead to its salt-tolerant adhesion ability. <i>Science Advances</i> , 2020, 6, .	10.3	47
2	Distinct lipid membrane interaction and uptake of differentially charged nanoplastics in bacteria. <i>Journal of Nanobiotechnology</i> , 2022, 20, 191.	9.1	30
3	ATP Can Efficiently Stabilize Protein through a Unique Mechanism. <i>Jacs Au</i> , 2021, 1, 1766-1777.	7.9	24
4	Heterogeneous Condensation of Water on the Mica (001) Surface: A Molecular Dynamics Simulation Work. <i>Journal of Physical Chemistry C</i> , 2017, 121, 6813-6819.	3.1	20
5	Surface microstructure engenders unusual hydrophobicity in phyllosilicates. <i>Chemical Communications</i> , 2018, 54, 5418-5421.	4.1	17
6	Spontaneous Translocation of Single-Stranded DNA in Graphene/MoS <sub>2</sub> Heterostructure Nanopores: Shape Effect. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9490-9496.	2.6	12
7	Unintentionally doped hydrogen removal mechanism in Li doped ZnO. <i>AIP Advances</i> , 2018, 8, .	1.3	6
8	Membrane Insertion of MoS <sub>2</sub> Nanosheets: Fresh vs. Aged. <i>Frontiers in Chemistry</i> , 2021, 9, 706917.	3.6	6
9	Mechanistic Insight on General Protein-Binding Ability of ATP and the Impacts of Arginine Residues. <i>Journal of Physical Chemistry B</i> , 2022, 126, 4647-4658.	2.6	5
10	Dynamic behaviors of interfacial water on the self-assembly monolayer (SAM) heterogeneous surface. <i>Journal of Chemical Physics</i> , 2020, 153, 124705.	3.0	3
11	Effects of the surface polarity of nanomaterials on their interaction with complement protein gC1q. <i>RSC Advances</i> , 2020, 10, 41993-42000.	3.6	2
12	Structure and Mechanical Stabilities of the Three-Way Junction Motifs in Prohead RNA. <i>Journal of Physical Chemistry B</i> , 2021, 125, 12125-12134.	2.6	2
13	Spontaneous desorption of protein from self-assembled monolayer (SAM)-coated gold nanoparticles induced by high temperature. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 2363-2370.	2.8	2