

# Xuzhi Hu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

539  
citations

10  
h-index

23  
g-index

27  
ext. papers

836  
ext. citations

8.3  
avg, IF

4.25  
L-index

#	Paper	IF	Citations
24	Contrasting impacts of mixed nonionic surfactant micelles on plant growth in the delivery of fungicide and herbicide.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 618, 78-87	9.3	1
23	How do chain lengths of acyl-L-carnitines affect their surface adsorption and solution aggregation?. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 609, 491-491	9.3	0
22	A technical review of face mask wearing in preventing respiratory COVID-19 transmission. <i>Current Opinion in Colloid and Interface Science</i> , <b>2021</b> , 52, 101417	7.6	55
21	Structural Disruptions of the Outer Membranes of Gram-Negative Bacteria by Rationally Designed Amphiphilic Antimicrobial Peptides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 16062-16074	9.5	5
20	Surface adsorption and solution aggregation of a novel lauroyl-L-carnitine surfactant. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 591, 106-114	9.3	6
19	What happens when pesticides are solubilised in binary ionic/zwitterionic-nonionic mixed micelles?. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 586, 190-199	9.3	3
18	Monolayer wall nanotubes self-assembled from short peptide bolaamphiphiles. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 583, 553-562	9.3	6
17	Recent Advances in Studying Interfacial Adsorption of Bioengineered Monoclonal Antibodies. <i>Molecules</i> , <b>2020</b> , 25,	4.8	8
16	How does substrate hydrophobicity affect the morphological features of reconstituted wax films and their interactions with nonionic surfactant and pesticide?. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 575, 245-253	9.3	7
15	Ordered Nanofibers Fabricated from Hierarchical Self-Assembling Processes of Designed $\beta$ -Helical Peptides. <i>Small</i> , <b>2020</b> , 16, e2003945	11	3
14	How do Self-Assembling Antimicrobial Lipopeptides Kill Bacteria?. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 55675-55687	9.5	10
13	Aggregated Amphiphilic Antimicrobial Peptides Embedded in Bacterial Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 44420-44432	9.5	14
12	Recent advances in short peptide self-assembly: from rational design to novel applications. <i>Current Opinion in Colloid and Interface Science</i> , <b>2020</b> , 45, 1-13	7.6	46
11	Hydrophobic Control of the Bioactivity and Cytotoxicity of de Novo-Designed Antimicrobial Peptides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 34609-34620	9.5	28
10	Interfacial Adsorption of a Monoclonal Antibody and Its Fab and Fc Fragments at the Oil/Water Interface. <i>Langmuir</i> , <b>2019</b> , 35, 13543-13552	4	6
9	How does solubilisation of plant waxes into nonionic surfactant micelles affect pesticide release?. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 556, 650-657	9.3	7
8	Reversible Thermoresponsive Peptide-PNIPAM Hydrogels for Controlled Drug Delivery. <i>Biomacromolecules</i> , <b>2019</b> , 20, 3601-3610	6.9	79

7	Metal-insulator-metal diodes based on alkyltrichlorosilane self-assembled monolayers. <i>AIP Advances</i> , <b>2019</b> , 9, 065017	1.5	4
6	Membrane targeting cationic antimicrobial peptides. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 537, 163-185	9.3	130
5	What happens when pesticides are solubilized in nonionic surfactant micelles. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 541, 175-182	9.3	21
4	Structural Features of Reconstituted Cuticular Wax Films upon Interaction with Nonionic Surfactant CE. <i>Langmuir</i> , <b>2018</b> , 34, 3395-3404	4	8
3	Controlling the Diameters of Nanotubes Self-Assembled from Designed Peptide Bolaphiles. <i>Small</i> , <b>2018</b> , 14, e1703216	11	31
2	Coadsorption of a Monoclonal Antibody and Nonionic Surfactant at the SiO <sub>2</sub> /Water Interface. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 44257-44266	9.5	5
1	Nanoribbons self-assembled from short peptides demonstrate the formation of polar zippers between $\beta$ -sheets. <i>Nature Communications</i> , <b>2018</b> , 9, 5118	17.4	56