

# Juan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9152164/publications.pdf>

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8  
papers

373  
citations

1478505  
6  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Binding mechanism and binding free energy of amino acids and citrate to hydroxyapatite surfaces as a function of crystallographic facet, pH, and electrolytes. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 685-700.	9.4	16
2	Molecular dynamics study of Cr doping on the crystal structure and surficial/interfacial properties of 2H-MoS <sub>2</sub> . <i>Physical Chemistry Chemical Physics</i> , 2022, , .	2.8	1
3	Binding of polar and hydrophobic molecules at the LiCoO <sub>2</sub> (001)-water interface: force field development and molecular dynamics simulations. <i>Nanoscale</i> , 2022, , .	5.6	2
4	Involvement of prenucleation clusters in calcium phosphate mineralization of collagen. <i>Acta Biomaterialia</i> , 2021, 120, 213-223.	8.3	44
5	Interpretable molecular models for molybdenum disulfide and insight into selective peptide recognition. <i>Chemical Science</i> , 2020, 11, 8708-8722.	7.4	32
6	Single- and multi-component chiral supraparticles as modular enantioselective catalysts. <i>Nature Communications</i> , 2019, 10, 4826.	12.8	93
7	Building two-dimensional materials one row at a time: Avoiding the nucleation barrier. <i>Science</i> , 2018, 362, 1135-1139.	12.6	155
8	Understanding Chemical Bonding in Alloys and the Representation in Atomistic Simulations. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14996-15009.	3.1	30