

# Shengtang Liu

## List of Publications by Year in descending order

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11  
papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	The Molecular Mechanism of Human Voltage-Dependent Anion Channel 1 Blockade by the Metallofullerenol Gd@C82(OH)22: An In Silico Study. <i>Biomolecules</i> , 2022, 12, 123.	4.0	1
2	Lanosterol reduces the aggregation propensity of ultraviolet-damaged human $\hat{I}^3D$ -crystallins: a molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13696-13704.	2.8	1
3	Biotransformation of rare earth oxide nanoparticles eliciting microbiota imbalance. <i>Particle and Fibre Toxicology</i> , 2021, 18, 17.	6.2	14
4	Inhibition of CYP2C8 by metallofullerenol Gd@C82(OH)22 through blocking substrate channels and substrate recognition sites. <i>Carbon</i> , 2018, 127, 667-675.	10.3	9
5	Mechanism by which DHA inhibits the aggregation of KLVFFA peptides: A molecular dynamics study. <i>Journal of Chemical Physics</i> , 2018, 148, 115102.	3.0	7
6	Overcoming the crystallization and designability issues in the ultrastable zirconium phosphonate framework system. <i>Nature Communications</i> , 2017, 8, 15369.	12.8	366
7	Orientational Binding of DNA Guided by the C <sub>2</sub> N Template. <i>ACS Nano</i> , 2017, 11, 3198-3206.	14.6	51
8	A mesoporous cationic thorium-organic framework that rapidly traps anionic persistent organic pollutants. <i>Nature Communications</i> , 2017, 8, 1354.	12.8	296
9	A new molecular mechanism underlying the EGCG-mediated autophagic modulation of AFP in HepG2 cells. <i>Cell Death and Disease</i> , 2017, 8, e3160-e3160.	6.3	48
10	EGCG in Green Tea Induces Aggregation of HMGB1 Protein through Large Conformational Changes with Polarized Charge Redistribution. <i>Scientific Reports</i> , 2016, 6, 22128.	3.3	19
11	The Molecular Mechanism of Opening the Helix Bundle Crossing (HBC) Gate of a Kir Channel. <i>Scientific Reports</i> , 2016, 6, 29399.	3.3	26