

# Shaogui Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2487592/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	APPLICATION OF POLARIZED RESONANCE SYNCHRONOUS SPECTROSCOPY IN CHARACTERIZING THE COMPLEX OPTICAL BEHAVIOR OF CdTe QUANTUM DOTS. <i>Surface Review and Letters</i> , 2022, 29, .	1.1	0
2	A removing resonance fluorescence method for light scattering spectroscopy. <i>Chemical Physics Letters</i> , 2022, 787, 139244.	2.6	0
3	Exploring the mechanism of CdTe quantum dots as fluorescent probe to detect Hg(II) ion from the perspectives of fluorescence polarization and light scattering. <i>Chemical Physics Letters</i> , 2022, 792, 139415.	2.6	6
4	Analysis of Stability of Transcription System in Octane Media by Molecular Dynamics Simulation. <i>ACS Omega</i> , 2019, 4, 7246-7254.	3.5	0
5	T7 RNA Polymerase Discriminates Correct and Incorrect Nucleoside Triphosphates by Free Energy. <i>Biophysical Journal</i> , 2018, 114, 1755-1761.	0.5	18
6	Molecular dynamics simulation study of the "stay or leave" problem for two magnesium ions in gene transcription. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1002-1007.	2.6	1
7	Mechanism of NTP Binding to the Active Site of T7 RNA Polymerase Revealed by Free-Energy Simulation. <i>Biophysical Journal</i> , 2017, 112, 2253-2260.	0.5	7
8	Protein denaturation at a single-molecule level: the effect of nonpolar environments and its implications on the unfolding mechanism by proteases. <i>Nanoscale</i> , 2015, 7, 2970-2977.	5.6	27
9	A Critical Residue Selectively Recruits Nucleotides for T7 RNA Polymerase Transcription Fidelity Control. <i>Biophysical Journal</i> , 2014, 107, 2130-2140.	0.5	22