

# Qingwen Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6647113/publications.pdf>

Version: 2024-02-01

20  
papers

509  
citations

758635

12  
h-index

752256

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

734  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of melatonin binding and destabilizing the protofilament and filament of tau R3â€“R4 domains revealed by molecular dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20615-20626.	1.3	18
2	Heparin remodels the microtubule-binding repeat R3 of Tau protein towards fibril-prone conformations. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20406-20418.	1.3	16
3	Serotonin and Melatonin Show Different Modes of Action on A $\beta$ <sub>42</sub> Protofibril Destabilization. <i>ACS Chemical Neuroscience</i> , 2021, 12, 799-809.	1.7	24
4	Molecular dynamics simulations reveal the destabilization mechanism of Alzheimer's disease-related tau R3-R4 Protofilament by norepinephrine. <i>Biophysical Chemistry</i> , 2021, 271, 106541.	1.5	13
5	Trends in HSPB5 research: a 36-year bibliometric analysis. <i>Cell Stress and Chaperones</i> , 2021, 26, 799-810.	1.2	1
6	Unfixed Movement Route Model, Non-Overcrowding and Social Distancing Reduce the Spread of COVID-19 in Sporting Facilities. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8212.	1.2	3
7	Critical nucleus of Greek-key-like core of $\alpha$ -synuclein protofibril and its disruption by dopamine and norepinephrine. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 203-211.	1.3	22
8	Distinct Binding Dynamics, Sites and Interactions of Fullerene and Fullerenols with Amyloid- $\beta$ Peptides Revealed by Molecular Dynamics Simulations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2048.	1.8	28
9	Norepinephrine Inhibits Alzheimer's Amyloid- $\beta$ Peptide Aggregation and Destabilizes Amyloid- $\beta$ Protofibrils: A Molecular Dynamics Simulation Study. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1585-1594.	1.7	83
10	Atomistic-level study of the interactions between hIAPP protofibrils and membranes: Influence of pH and lipid composition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1818-1825.	1.4	33
11	Proline hydroxylation at different sites in hypoxia-inducible factor 1 $\alpha$ modulates its interactions with the von Hippel-Lindau tumor suppressor protein. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18756-18765.	1.3	7
12	Human Neuronal Calcium Sensor-1 Protein Avoids Histidine Residues To Decrease pH Sensitivity. <i>Journal of Physical Chemistry B</i> , 2017, 121, 508-517.	1.2	2
13	Orcein-Related Small Molecule O4 Destabilizes hIAPP Protofibrils by Interacting Mostly with the Amyloidogenic Core Region. <i>Journal of Physical Chemistry B</i> , 2017, 121, 9203-9212.	1.2	30
14	Assemblies of amyloid- $\beta$ <sub>30-36</sub> hexamer and its G33V/L34T mutants by replica-exchange molecular dynamics simulation. <i>PLoS ONE</i> , 2017, 12, e0188794.	1.1	13
15	Expanding the Nanoarchitectural Diversity Through Aromatic Di- and Tri-Peptide Coassembly: Nanostructures and Molecular Mechanisms. <i>ACS Nano</i> , 2016, 10, 8316-8324.	7.3	84
16	Conformational Ensemble of hIAPP Dimer: Insight into the Molecular Mechanism by which a Green Tea Extract inhibits hIAPP Aggregation. <i>Scientific Reports</i> , 2016, 6, 33076.	1.6	79
17	Temperature-Dependent Conformational Properties of Human Neuronal Calcium Sensor-1 Protein Revealed by All-Atom Simulations. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3551-3559.	1.2	4
18	Critical Nucleus Structure and Aggregation Mechanism of the C-terminal Fragment of Copper-Zinc Superoxide Dismutase Protein. <i>ACS Chemical Neuroscience</i> , 2016, 7, 286-296.	1.7	32

#	ARTICLE	IF	CITATIONS
19	Effects of the C-Terminal Tail on the Conformational Dynamics of Human Neuronal Calcium Sensor-1 Protein. <i>Journal of Physical Chemistry B</i> , 2015, 119, 14236-14244.	1.2	5
20	R102Q Mutation Shifts the Salt-Bridge Network and Reduces the Structural Flexibility of Human Neuronal Calcium Sensor-1 Protein. <i>Journal of Physical Chemistry B</i> , 2014, 118, 13112-13122.	1.2	12