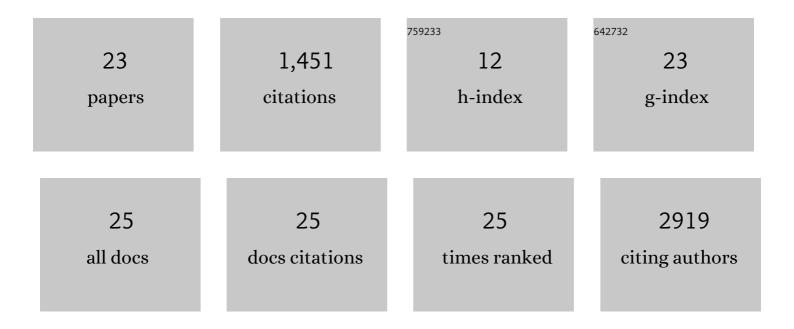
Li Na Zhao

List of Publications by Year in descending order

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Ιι ΝΑ ΖΗΛΟ

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Binding of blood proteins to carbon nanotubes reduces cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16968-16973. | 7.1 | 839 |
| 2 | The Toxicity of Amyloid ß Oligomers. International Journal of Molecular Sciences, 2012, 13, 7303-7327. | 4.1 | 124 |
| 3 | The role of pro-inflammatory S100A9 in Alzheimer's disease amyloid-neuroinflammatory cascade. Acta Neuropathologica, 2014, 127, 507-522. | 7.7 | 108 |
| 4 | The Effect of Curcumin on the Stability of Aβ Dimers. Journal of Physical Chemistry B, 2012, 116, 7428-7435. | 2.6 | 92 |
| 5 | Amyloid β Peptides Aggregation in a Mixed Membrane Bilayer: A Molecular Dynamics Study. Journal of Physical Chemistry B, 2011, 115, 12247-12256. | 2.6 | 66 |
| 6 | Therapeutic targeting of the mitochondrial one-carbon pathway: perspectives, pitfalls, and potential. Oncogene, 2021, 40, 2339-2354. | 5.9 | 36 |
| 7 | In-Silico Identified New Natural Sortase A Inhibitors Disrupt S. aureus Biofilm Formation. International Journal of Molecular Sciences, 2020, 21, 8601. | 4.1 | 29 |
| 8 | Exploring the Catalytic Mechanism of Cas9 Using Information Inferred from Endonuclease VII. ACS Catalysis, 2019, 9, 1329-1336. | 11.2 | 26 |
| 9 | Pathophysiology of type 2 diabetes and the impact of altered metabolic interorgan crosstalk. FEBS Journal, 2023, 290, 620-648. | 4.7 | 22 |
| 10 | Heme prevents amyloid beta peptide aggregation through hydrophobic interaction based on molecular dynamics simulation. Physical Chemistry Chemical Physics, 2013, 15, 14098-14106. | 2.8 | 18 |
| 11 | Exploring alternative catalytic mechanisms of the Cas9 HNH domain. Proteins: Structure, Function and Bioinformatics, 2020, 88, 260-264. | 2.6 | 17 |
| 12 | Alzheimer's Disease—A Panorama Glimpse. International Journal of Molecular Sciences, 2014, 15, 12631-12650. | 4.1 | 14 |
| 13 | Highly sensitive inference of time-delayed gene regulation by network deconvolution. BMC Systems Biology, 2014, 8, S6. | 3.0 | 12 |
| 14 | Virtual screening of potentially endocrine-disrupting chemicals against nuclear receptors and its application to identify PPARÎ ³ -bound fatty acids. Archives of Toxicology, 2021, 95, 355-374. | 4.2 | 10 |
| 15 | S100A9 induces aggregation-prone conformation in Abeta peptides: a combined experimental and simulation study. RSC Advances, 2013, 3, 24081. | 3.6 | 9 |
| 16 | Cascading proton transfers are a hallmark of the catalytic mechanism of SAMâ€dependent methyltransferases. FEBS Letters, 2020, 594, 2128-2139. | 2.8 | 8 |
| 17 | Pairing structural reconstruction with catalytic competence to evaluate the mechanisms of key enzymes in the folateâ€mediated oneâ€carbon pathway. FEBS Journal, 2023, 290, 2279-2291. | 4.7 | 7 |
| 18 | Directed Computational Evolution of Quorum-Quenching Lactonases from the Amidohydrolase Superfamily. Structure, 2020, 28, 635-642.e3. | 3.3 | 5 |

Li Να Ζήαο

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Generalized logical model based on network topology to capture the dynamical trends of cellular signaling pathways. BMC Systems Biology, 2016, 10, 7. | 3.0 | 2 |
| 20 | Histidine protonation states are key in the Ligl catalytic reaction mechanism. Proteins: Structure, Function and Bioinformatics, 2021, , . | 2.6 | 2 |
| 21 | The catalytic mechanism of the mitochondrial methylenetetrahydrofolate dehydrogenase/cyclohydrolase (MTHFD2). PLoS Computational Biology, 2022, 18, e1010140. | 3.2 | 2 |
| 22 | Explicit Soliton and Periodic Solutions to Three-Wave System with Quadratic and Cubic Nonlinearities. Communications in Theoretical Physics, 2011, 55, 676-680. | 2.5 | 1 |
| 23 | An Investigation on the Fundamental Interaction between Abeta Peptides and the AT-Rich DNA. Journal of Physical Chemistry B, 2015, 119, 8247-8259. | 2.6 | 1 |