# Jun Zeng

List of Publications by Year
in descending order



| 25 | 566 | 623574 | 677027 |
|---|---|---|---|
| papers | citations | 14 h-index | 22 g-index |

| 25 | 25 | 25 | 866 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Novel Class of Anticancer Compounds Targets the Actin Cytoskeleton in Tumor Cells. Cancer Research, 2013, 73, 5169-5182. | 0.4 | 155 |
| 2 | Quantum Mechanical Quantification of Weakly Interacting Complexes of Peptides with Single-Walled Carbon Nanotubes. Journal of Chemical Theory and Computation, 2009, 5, 2879-2885. | 2.3 | 38 |
| 3 | Identification of Cancer-Targeted Tropomyosin Inhibitors and Their Synergy with Microtubule Drugs. Molecular Cancer Therapeutics, 2017, 16, 1555-1565. | 1.9 | 38 |
| 4 | Mini-Review: Computational Structure-Based Design of Inhibitors that Target Protein Surfaces. Combinatorial Chemistry and High Throughput Screening, 2000, 3, 355-362. | 0.6 | 35 |
| 5 | Electronic excitations of green fluorescent proteins: Protonation states of chromophore model compound in solutions. Journal of Computational Chemistry, 2005, 26, 1487-1496. | 1.5 | 32 |
| 6 | Predicting sequences and structures of MHC-binding peptides: a computational combinatorial approach. Journal of Computer-Aided Molecular Design, 2001, 15, 573-586. | 1.3 | 31 |
| 7 | Proteinâ€protein recognition: An experimental and computational study of the R89K mutation in Raf and its effect on Ras binding. Protein Science, 1999, 8, 50-64. | 3.1 | 31 |
| 8 | A small molecule inhibitor of PCSK9 that antagonizes LDL receptor binding via interaction with a cryptic PCSK9 binding groove. Bioorganic and Medicinal Chemistry, 2020, 28, 115344. | 1.4 | 31 |
| 9 | Design of inhibitors of Rasâ€“Raf interaction using a computational combinatorial algorithm. Protein Engineering, Design and Selection, 2001, 14, 39-45. | 1.0 | 26 |
| 10 | Electronic Excitations of Green Fluorescent Proteins:â€‰ Modeling Solvatochromatic Shifts of Red Fluorescent Protein Chromophore Model Compound in Aqueous Solutions. Journal of Physical Chemistry B, 2007, 111, 14055-14063. | 1.2 | 21 |
| 11 | On-target action of anti-tropomyosin drugs regulates glucose metabolism. Scientific Reports, 2018, 8, 4604. | 1.6 | 20 |
| 12 | Molecular dynamics simulations of the Ras:Raf and Rap:Raf complexes. Proteins: Structure, Function and Bioinformatics, 1999, 35, 89-100. | 1.5 | 17 |
| 13 | Computational Identification of Antibody Epitopes on the Dengue Virus NS1 Protein. Molecules, 2017, 22, 607. | 1.7 | 17 |
| 14 | A method for computational combinatorial peptide design of inhibitors of Ras protein. Protein Engineering, Design and Selection, 1999, 12, 457-468. | 1.0 | 16 |
| 15 | Discovery of 2-(Î±-methylbenzylamino) pyrazines as potent Type II inhibitors of FMS. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1206-1209. | 1.0 | 13 |
| 16 | Conformation of the Ras-binding domain of Raf studied by molecular dynamics and free energy simulations. , 1998, 31, 186-200. | | 9 |
| 17 | Computational identification of epitopes in the glycoproteins of novel bunyavirus (SFTS virus) recognized by a human monoclonal antibody (MAb 4-5). Journal of Computer-Aided Molecular Design, 2013, 27, 539-550. | 1.3 | 9 |
| 18 | ELECTRONIC EXCITATIONS OF GREEN FLUORESCENT PROTEINS: MODELING SOLVATOCHROMATIC SHIFTS OF CHROMOPHORE MODEL COMPOUNDS IN SOLUTIONS. Journal of Theoretical and Computational Chemistry, 2006, 05, 375-390. | 1.8 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | GPU Accelerated Quantum Virtual Screening: Application for the Natural Inhibitors of New Dehli Metalloprotein (NDM-1). Frontiers in Chemistry, 2018, 6, 564. | 1.8 | 7 |
| 20 | Antibody Recognition of Shiga Toxins (Stxs): Computational Identification of the Epitopes of Stx2 Subunit A to the Antibodies 11E10 and S2C4. PLoS ONE, 2014, 9, e88191. | 1.1 | 6 |
| 21 | The 559-to-600 nm shift observed in red fluorescent protein eqFP611 is attributed to cisâ€“trans isomerization of the chromophore in an anionic protein pocket. Physical Chemistry Chemical Physics, 2009, 11, 6042. | 1.3 | 3 |
| 22 | Peptide Bondtransâ€“cisIsomerization and Acylimine Formation in Chromophore Maturation of the Red Fluorescent Proteins. Journal of Physical Chemistry A, 2011, 115, 10129-10135. | 1.1 | 3 |
| 23 | Computational identification of antibody epitopes of human papillomavirus 16 (HPV16) L1 proteins. Journal of Theoretical and Computational Chemistry, 2018, 17, 1850017. | 1.8 | 1 |
| 24 | Design of peptide inhibitors of human papillomavirus 16 (HPV16) transcriptional regulator E1â€“E2 formation. Journal of Theoretical and Computational Chemistry, 2017, 16, 1750026. | 1.8 | 0 |
| 25 | Computational Prediction of the Epitopes of HA1 Protein of Influenza Viruses to its Neutralizing Antibodies. Antibodies, 2019, 8, 2. | 1.2 | 0 |