# Aichun Dong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3435774/publications.pdf

Version: 2024-02-01

| 14 | 3,052 | 840585 11 | 1058333 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 3514 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Progress in infrared spectroscopy as an efficient tool for predicting protein secondary structure. International Journal of Biological Macromolecules, 2022, 206, 175-187. | 3.6 | 64 |
| 2 | Acid-enhanced conformation changes of yeast cytochrome c coated onto gold nanoparticles, a FT-IR spectroscopic analysis. International Journal of Biological Macromolecules, 2018, 112, 591-597. | 3.6 | 6 |
| 3 | Obtaining information about protein secondary structures in aqueous solution using Fourier transform IR spectroscopy. Nature Protocols, 2015, 10, 382-396. | 5.5 | 819 |
| 4 | IgG particle formation during filling pump operation: A case study of heterogeneous nucleation on stainless steel nanoparticles. Journal of Pharmaceutical Sciences, 2009, 98, 94-104. | 1.6 | 170 |
| 5 | Effects of immobilization onto aluminum hydroxide particles on the thermally induced conformational behavior of three model proteins. International Journal of Biological Macromolecules, 2009, 45, 80-85. | 3.6 | 21 |
| 6 | Secondary structures of proteins adsorbed onto aluminum hydroxide: Infrared spectroscopic analysis of proteins from low solution concentrations. Analytical Biochemistry, 2006, 351, 282-289. | 1.1 | 72 |
| 7 | Equilibrium titrations of acid-induced unfoldingâ€“refolding and salt-induced molten globule of cytochrome c by FT-IR spectroscopy. Archives of Biochemistry and Biophysics, 2005, 436, 154-160. | 1.4 | 18 |
| 8 | Multiple Linear Regression Using a Graphing Calculator. Applications in Biochemistry and Physical Chemistry. Journal of Chemical Education, 2004, 81, 903. | 1.1 | 4 |
| 9 | Thermal, chemical and chemothermal denaturation of yeast enolase. Spectroscopy, 2003, 17, 453-467. | 0.8 | 5 |
| 10 | The magnitude of changes in guanidineâ€HC1 unfolding mâ€values in the protein, isoâ€1â€cytochrome c, depends upon the substructure containing the mutation. Protein Science, 1998, 7, 1789-1795. | 3.1 | 11 |
| 11 | Redox-Dependent Conformational Changes Are Common Structural Features of Cytochrome c from Various Species. Archives of Biochemistry and Biophysics, 1997, 346, 287-293. | 1.4 | 29 |
| 12 | Infrared Spectroscopic Studies of Lyophilizationâ€and Temperatureâ€Induced Protein Aggregation. Journal of Pharmaceutical Sciences, 1995, 84, 415-424. | 1.6 | 416 |
| 13 | [9] Infrared methods for study of hemoglobin reactions and structures. Methods in Enzymology, 1994, 232, 139-175. | 0.4 | 166 |
| 14 | Protein secondary structures in water from second-derivative amide I infrared spectra. Biochemistry, 1990, 29, 3303-3308. | 1.2 | 1,251 |