

Raquel Godoy-Ruiz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9368819/publications.pdf>

Version: 2024-02-01

35
papers

993
citations

516710

16
h-index

434195

31
g-index

38
all docs

38
docs citations

38
times ranked

1390
citing authors

#	ARTICLE	IF	CITATIONS
1	The Efficiency of Different Salts to Screen Charge Interactions in Proteins: A Hofmeister Effect?. Biophysical Journal, 2004, 86, 2414-2429.	0.5	109
2	Structure of the STRA6 receptor for retinol uptake. Science, 2016, 353, .	12.6	103
3	Expanding the Realm of Ultrafast Protein Folding: gpW, a Midsize Natural Single-Domain with $\beta\alpha\beta$ Topology that Folds Downhill. Journal of the American Chemical Society, 2008, 130, 7489-7495.	13.7	81
4	Estimating Free-Energy Barrier Heights for an Ultrafast Folding Protein from Calorimetric and Kinetic Data. Journal of Physical Chemistry B, 2008, 112, 5938-5949.	2.6	78
5	Mutational Studies on Resurrected Ancestral Proteins Reveal Conservation of Site-Specific Amino Acid Preferences throughout Evolutionary History. Molecular Biology and Evolution, 2015, 32, 440-455.	8.9	71
6	Natural Selection for Kinetic Stability Is a Likely Origin of Correlations between Mutational Effects on Protein Energetics and Frequencies of Amino Acid Occurrences in Sequence Alignments. Journal of Molecular Biology, 2006, 362, 966-978.	4.2	65
7	Relation Between Protein Stability, Evolution and Structure, as Probed by Carboxylic Acid Mutations. Journal of Molecular Biology, 2004, 336, 313-318.	4.2	58
8	Alanine Methyl Groups as NMR Probes of Molecular Structure and Dynamics in High-Molecular-Weight Proteins. Journal of the American Chemical Society, 2010, 132, 18340-18350.	13.7	56
9	Do Proteins Always Benefit from a Stability Increase? Relevant and Residual Stabilisation in a Three-state Protein by Charge Optimisation. Journal of Molecular Biology, 2004, 344, 223-237.	4.2	40
10	Engineering proteins with tunable thermodynamic and kinetic stabilities. Proteins: Structure, Function and Bioinformatics, 2008, 71, 165-174.	2.6	39
11	The Long and Short Flavodoxins. Journal of Biological Chemistry, 2004, 279, 47184-47191.	3.4	30
12	A Stability Pattern of Protein Hydrophobic Mutations that Reflects Evolutionary Structural Optimization. Biophysical Journal, 2005, 89, 3320-3331.	0.5	30
13	Variation in Quadrupole Couplings of ^2H Deuterons in Ubiquitin Suggests the Presence of C ^{α} -H ^{β} -C Hydrogen Bonds. Journal of the American Chemical Society, 2010, 132, 7709-7719.	13.7	26
14	Small G Proteins Rac1 and Ras Regulate Serine/Threonine Protein Phosphatase 5 (PP5)-Extracellular Signal-Regulated Kinase (ERK) Complexes Involved in the Feedback Regulation of Raf1. Journal of Biological Chemistry, 2014, 289, 4219-4232.	3.4	25
15	Structure of the cell-binding component of the <i>Clostridium difficile</i> binary toxin reveals a di-heptamer macromolecular assembly. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1049-1058.	7.1	23
16	Structure-Based Discovery of a Novel Pentamidine-Related Inhibitor of the Calcium-Binding Protein S100B. ACS Medicinal Chemistry Letters, 2012, 3, 975-979.	2.8	21
17	Using multi-objective computational design to extend protein promiscuity. Biophysical Chemistry, 2010, 147, 13-19.	2.8	16
18	Empirical parametrization of pK values for carboxylic acids in proteins using a genetic algorithm. Biophysical Chemistry, 2005, 115, 263-266.	2.8	14

#	ARTICLE	IF	CITATIONS
19	The effect of charge-introduction mutations on E. coli thioredoxin stability. Biophysical Chemistry, 2005, 115, 105-107.	2.8	13
20	KrÄhnke pyridines: Rapid and facile access to Mcl-1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1949-1953.	2.2	13
21	Solution NMR Evidence for Symmetry in Functionally or Crystallographically Asymmetric Homodimers. Journal of the American Chemical Society, 2011, 133, 19578-19581.	13.7	12
22	High Resolution Measurement of Methyl ¹³ C _m and ¹ H _m Residual Dipolar Couplings in Large Proteins. Journal of the American Chemical Society, 2010, 132, 13984-13987.	13.7	11
23	Protein Folding Cooperativity and Thermodynamic Barriers of the Simplest Î ² -Sheet Fold: A Survey of WW Domains. Journal of Physical Chemistry B, 2018, 122, 11058-11071.	2.6	11
24	Sulforaphane covalently interacts with the transglutaminase 2 cancer maintenance protein to alter its structure and suppress its activity. Molecular Carcinogenesis, 2022, 61, 19-32.	2.7	11
25	The Importance of Therapeutically Targeting the Binary Toxin from Clostridioides difficile. International Journal of Molecular Sciences, 2021, 22, 2926.	4.1	10
26	Estimating side-chain order in methyl-protonated, perdeuterated proteins via multiple-quantum relaxation violated coherence transfer NMR spectroscopy. Journal of Biomolecular NMR, 2012, 52, 233-243.	2.8	8
27	A simple tool to explore the distance distribution of correlated mutations in proteins. Biophysical Chemistry, 2006, 119, 240-246.	2.8	7
28	¹ H, ¹³ C, and ¹⁵ N resonance assignments of an enzymatically active domain from the catalytic component (CDTa, residues 216-420) of a binary toxin from Clostridium difficile. Biomolecular NMR Assignments, 2016, 10, 213-217.	0.8	4
29	Physiologically Relevant Free Ca ²⁺ Ion Concentrations Regulate STRA6-Calmodulin Complex Formation via the BP2 Region of STRA6. Journal of Molecular Biology, 2021, 433, 167272.	4.2	4
30	Simultaneous measurement of ¹ H- ¹⁵ N and Methyl ¹ H- ¹³ C _m residual dipolar couplings in large proteins. Journal of Biomolecular NMR, 2011, 51, 191-198.	2.8	2
31	Linkage between Temperature and Chemical Denaturant Effects on Protein Stability: The Interpretation of Calorimetrically-Determined m Values. , 2005, , 203-214.		1
32	¹ HN, ¹³ C, and ¹⁵ N resonance assignments of human calmodulin bound to a peptide derived from the STRA6 vitamin A transporter (CaMBP2). Biomolecular NMR Assignments, 2019, 13, 275-278.	0.8	1
33	¹ HN, ¹³ C, and ¹⁵ N resonance assignments of the Clostridioides difficile receptor binding domain 2 (CDTb, residues 757-876). Biomolecular NMR Assignments, 2021, 15, 35-39.	0.8	0
34	Structural Fine-Tuning of Clostridioides difficile Binary Toxin Components for Therapeutic Applications. FASEB Journal, 2021, 35, .	0.5	0
35	Understanding the Formation of the MCT1:DenR Complex, a Translational Enhancer for Lymphoma Survival. FASEB Journal, 2015, 29, 883.8.	0.5	0