

# Raquel Godoy-Ruiz

## List of Publications by Year in descending order

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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	Sulforaphane covalently interacts with the transglutaminase 2 cancer maintenance protein to alter its structure and suppress its activity. <i>Molecular Carcinogenesis</i> , 2022, 61, 19-32.	2.7	11
2	<sup>1</sup> HN, <sup>13</sup> C, and <sup>15</sup> N resonance assignments of the <i>Clostridioides difficile</i> receptor binding domain 2 (CDTb, residues 757-876). <i>Biomolecular NMR Assignments</i> , 2021, 15, 35-39.	0.8	0
3	The Importance of Therapeutically Targeting the Binary Toxin from <i>Clostridioides difficile</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 2926.	4.1	10
4	Structural Fine-Tuning of <i>Clostridioides difficile</i> Binary Toxin Components for Therapeutic Applications. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
5	Physiologically Relevant Free Ca <sup>2+</sup> Ion Concentrations Regulate STRA6-Calmodulin Complex Formation via the BP2 Region of STRA6. <i>Journal of Molecular Biology</i> , 2021, 433, 167272.	4.2	4
6	Structure of the cell-binding component of the <i>Clostridium difficile</i> binary toxin reveals a di-heptamer macromolecular assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1049-1058.	7.1	23
7	<sup>1</sup> HN, <sup>13</sup> C, and <sup>15</sup> N resonance assignments of human calmodulin bound to a peptide derived from the STRA6 vitamin A transporter (CaMBP2). <i>Biomolecular NMR Assignments</i> , 2019, 13, 275-278.	0.8	1
8	KrÄhnke pyridines: Rapid and facile access to Mcl-1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1949-1953.	2.2	13
9	Protein Folding Cooperativity and Thermodynamic Barriers of the Simplest Î <sup>2</sup> -Sheet Fold: A Survey of WW Domains. <i>Journal of Physical Chemistry B</i> , 2018, 122, 11058-11071.	2.6	11
10	<sup>1</sup> H, <sup>13</sup> C, and <sup>15</sup> N resonance assignments of an enzymatically active domain from the catalytic component (CDTa, residues 216-420) of a binary toxin from <i>Clostridium difficile</i> . <i>Biomolecular NMR Assignments</i> , 2016, 10, 213-217.	0.8	4
11	Structure of the STRA6 receptor for retinol uptake. <i>Science</i> , 2016, 353, .	12.6	103
12	Mutational Studies on Resurrected Ancestral Proteins Reveal Conservation of Site-Specific Amino Acid Preferences throughout Evolutionary History. <i>Molecular Biology and Evolution</i> , 2015, 32, 440-455.	8.9	71
13	Understanding the Formation of the MCTÄ1:DenR Complex, a Translational Enhancer for Lymphoma Survival. <i>FASEB Journal</i> , 2015, 29, 883.8.	0.5	0
14	Small G Proteins Rac1 and Ras Regulate Serine/Threonine Protein Phosphatase 5 (PP5)ÄExtracellular Signal-Regulated Kinase (ERK) Complexes Involved in the Feedback Regulation of Raf1. <i>Journal of Biological Chemistry</i> , 2014, 289, 4219-4232.	3.4	25
15	Structure-Based Discovery of a Novel Pentamidine-Related Inhibitor of the Calcium-Binding Protein S100B. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 975-979.	2.8	21
16	Estimating side-chain order in methyl-protonated, perdeuterated proteins via multiple-quantum relaxation violated coherence transfer NMR spectroscopy. <i>Journal of Biomolecular NMR</i> , 2012, 52, 233-243.	2.8	8
17	Solution NMR Evidence for Symmetry in Functionally or Crystallographically Asymmetric Homodimers. <i>Journal of the American Chemical Society</i> , 2011, 133, 19578-19581.	13.7	12
18	Simultaneous measurement of <sup>1</sup> HÄ <sup>15</sup> N and Methyl <sup>1</sup> HÄ <sup>13</sup> Cm residual dipolar couplings in large proteins. <i>Journal of Biomolecular NMR</i> , 2011, 51, 191-198.	2.8	2

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19	Using multi-objective computational design to extend protein promiscuity. <i>Biophysical Chemistry</i> , 2010, 147, 13-19.	2.8	16
20	Variation in Quadrupole Couplings of $^{13}\text{C}$ Deuterons in Ubiquitin Suggests the Presence of $^{13}\text{C}$ - $^2\text{H}$ C-H Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2010, 132, 7709-7719.	13.7	26
21	High Resolution Measurement of Methyl $^{13}\text{C}$ and $^1\text{H}$ Residual Dipolar Couplings in Large Proteins. <i>Journal of the American Chemical Society</i> , 2010, 132, 13984-13987.	13.7	11
22	Alanine Methyl Groups as NMR Probes of Molecular Structure and Dynamics in High-Molecular-Weight Proteins. <i>Journal of the American Chemical Society</i> , 2010, 132, 18340-18350.	13.7	56
23	Engineering proteins with tunable thermodynamic and kinetic stabilities. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 71, 165-174.	2.6	39
24	Estimating Free-Energy Barrier Heights for an Ultrafast Folding Protein from Calorimetric and Kinetic Data. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5938-5949.	2.6	78
25	Expanding the Realm of Ultrafast Protein Folding: gpW, a Midsize Natural Single-Domain with $^1\text{H}$ Topology that Folds Downhill. <i>Journal of the American Chemical Society</i> , 2008, 130, 7489-7495.	13.7	81
26	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. <i>Journal of Molecular Biology</i> , 2006, 362, 966-978.	4.2	65
27	A simple tool to explore the distance distribution of correlated mutations in proteins. <i>Biophysical Chemistry</i> , 2006, 119, 240-246.	2.8	7
28	Linkage between Temperature and Chemical Denaturant Effects on Protein Stability: The Interpretation of Calorimetrically-Determined $m$ Values. , 2005, , 203-214.		1
29	The effect of charge-introduction mutations on E. coli thioredoxin stability. <i>Biophysical Chemistry</i> , 2005, 115, 105-107.	2.8	13
30	Empirical parametrization of pK values for carboxylic acids in proteins using a genetic algorithm. <i>Biophysical Chemistry</i> , 2005, 115, 263-266.	2.8	14
31	A Stability Pattern of Protein Hydrophobic Mutations that Reflects Evolutionary Structural Optimization. <i>Biophysical Journal</i> , 2005, 89, 3320-3331.	0.5	30
32	The Long and Short Flavodoxins. <i>Journal of Biological Chemistry</i> , 2004, 279, 47184-47191.	3.4	30
33	Relation Between Protein Stability, Evolution and Structure, as Probed by Carboxylic Acid Mutations. <i>Journal of Molecular Biology</i> , 2004, 336, 313-318.	4.2	58
34	Do Proteins Always Benefit from a Stability Increase? Relevant and Residual Stabilisation in a Three-state Protein by Charge Optimisation. <i>Journal of Molecular Biology</i> , 2004, 344, 223-237.	4.2	40
35	The Efficiency of Different Salts to Screen Charge Interactions in Proteins: A Hofmeister Effect?. <i>Biophysical Journal</i> , 2004, 86, 2414-2429.	0.5	109