

Ana V Rojas

List of Publications by Year in descending order

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11
papers

740
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1310
citing authors

#	ARTICLE	IF	CITATIONS
1	Notch Signaling Is Essential for Ventricular Chamber Development. <i>Developmental Cell</i> , 2007, 12, 415-429.	7.0	422
2	Mechanism of Fiber Assembly: Treatment of A β Peptide Aggregation with a Coarse-Grained United-Residue Force Field. <i>Journal of Molecular Biology</i> , 2010, 404, 537-552.	4.2	87
3	A Study of the β -Helical Intermediate Preceding the Aggregation of the Amino-Terminal Fragment of the β Amyloid Peptide (A β ₁₋₂₈). <i>Journal of Physical Chemistry B</i> , 2011, 115, 12978-12983.	2.6	53
4	Molecular Dynamics with the United-Residue Force Field: Ab Initio Folding Simulations of Multichain Proteins. <i>Journal of Physical Chemistry B</i> , 2007, 111, 293-309.	2.6	46
5	T Cell Receptor Signaling Can Directly Enhance the Avidity of CD28 Ligand Binding. <i>PLoS ONE</i> , 2014, 9, e89263.	2.5	33
6	Lysosomal enzyme tripeptidyl peptidase 1 destabilizes fibrillar A β by multiple endoproteolytic cleavages within the β -sheet domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1493-1498.	7.1	33
7	Elucidating Important Sites and the Mechanism for Amyloid Fibril Formation by Coarse-Grained Molecular Dynamics. <i>ACS Chemical Neuroscience</i> , 2017, 8, 201-209.	3.5	32
8	Dependence of the Formation of Tau and A β Peptide Mixed Aggregates on the Secondary Structure of the N-Terminal Region of A β . <i>Journal of Physical Chemistry B</i> , 2018, 122, 7049-7056.	2.6	22
9	Wild-Type β -Synuclein and Variants Occur in Different Disordered Dimers and Pre-Fibrillar Conformations in Early Stage of Aggregation. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	3.5	7
10	Mechanistic Kinetic Model Reveals How Amyloidogenic Hydrophobic Patches Facilitate the Amyloid- β Fibril Elongation. <i>ACS Chemical Neuroscience</i> , 2022, 13, 987-1001.	3.5	4
11	Probing Protein Aggregation Using the Coarse-Grained UNRES Force Field. <i>Methods in Molecular Biology</i> , 2022, 2340, 79-104.	0.9	1