

# Wilfredo ColÃ³n

## List of Publications by Year in descending order

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16  
papers

597  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

842  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Basis of Protein Kinetic Stability: Resistance to Sodium Dodecyl Sulfate Suggests a Central Role for Rigidity and a Bias Toward $\beta^2$ -Sheet Structure. <i>Biochemistry</i> , 2004, 43, 11248-11254.	2.5	210
2	Kinetic Stability of Cu/Zn Superoxide Dismutase Is Dependent on Its Metal Ligands: Implications for ALS. <i>Biochemistry</i> , 2004, 43, 16525-16531.	2.5	74
3	Identifying the subproteome of kinetically stable proteins via diagonal 2D SDS/PAGE. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17329-17334.	7.1	73
4	Protein aggregation, cardiovascular diseases, and exercise training: Where do we stand?. <i>Ageing Research Reviews</i> , 2017, 40, 1-10.	10.9	42
5	Biological Roles of Protein Kinetic Stability. <i>Biochemistry</i> , 2017, 56, 6179-6186.	2.5	37
6	Designed protein reveals structural determinants of extreme kinetic stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14605-14610.	7.1	33
7	Divergent effect of glycosaminoglycans on the <i>in vitro</i> aggregation of serum amyloid A. <i>Biochimie</i> , 2014, 104, 70-80.	2.6	27
8	Quantifying the Kinetic Stability of Hyperstable Proteins via Time-Dependent SDS Trapping. <i>Biochemistry</i> , 2012, 51, 100-107.	2.5	24
9	Glycosaminoglycans in human cerebrospinal fluid determined by LC-MS/MS MRM. <i>Analytical Biochemistry</i> , 2019, 567, 82-84.	2.4	16
10	Increased levels of hyper-stable protein aggregates in plasma of older adults. <i>Age</i> , 2016, 38, 56.	3.0	15
11	Do Prokaryotes Have More Kinetically Stable Proteins Than Eukaryotic Organisms?. <i>Biochemistry</i> , 2010, 49, 7239-7241.	2.5	13
12	Kinetic Stability of Proteins in Beans and Peas: Implications for Protein Digestibility, Seed Germination, and Plant Adaptation. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7649-7657.	5.2	12
13	Intrinsic Stability, Oligomerization, and Amyloidogenicity of HDL-Free Serum Amyloid A. <i>Advances in Experimental Medicine and Biology</i> , 2015, 855, 117-134.	1.6	10
14	Sarkosyl: A milder detergent than SDS for identifying proteins with moderately high hyperstability using gel electrophoresis. <i>Analytical Biochemistry</i> , 2019, 571, 21-24.	2.4	7
15	Analyzing bean extracts using time-dependent SDS trapping to quantify the kinetic stability of phaseolin proteins. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 994-999.	2.1	4
16	Structural and kinetic differences in oligomerization/fibrillation of serum amyloid A and not the intrinsic amyloidogenicity may contribute to pathogenesis in AA amyloidosis. <i>FASEB Journal</i> , 2013, 27, 996.11.	0.5	0