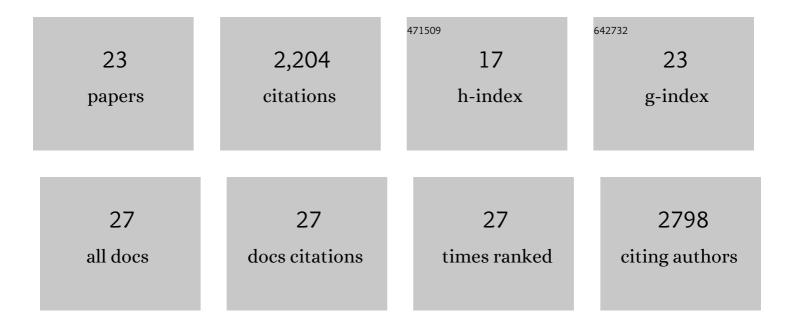
Gabriella T Heller

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Small Molecule Stabilizes the Disordered Native State of the Alzheimer's Aβ Peptide. ACS Chemical Neuroscience, 2022, 13, 1738-1745.	3.5	25
2	A kinetic ensemble of the Alzheimer's Aβ peptide. Nature Computational Science, 2021, 1, 71-78.	8.0	42
3	A rationally designed bicyclic peptide remodels Aβ42 aggregation in vitro and reduces its toxicity in a worm model of Alzheimer's disease. Scientific Reports, 2020, 10, 15280.	3.3	15
4	Thermodynamic and kinetic design principles for amyloid-aggregation inhibitors. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24251-24257.	7.1	49
5	Small-molecule sequestration of amyloid-β as a drug discovery strategy for Alzheimer's disease. Science Advances, 2020, 6, .	10.3	95
6	Rational design of a conformation-specific antibody for the quantification of Aβ oligomers. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13509-13518.	7.1	61
7	Promoting transparency and reproducibility in enhanced molecular simulations. Nature Methods, 2019, 16, 670-673.	19.0	655
8	Structure and Dynamics of Alzheimer's Associated Amyloid-Beta Peptide. Biophysical Journal, 2019, 116, 437a.	0.5	1
9	Trodusquemine enhances Al²42 aggregation but suppresses its toxicity by displacing oligomers from cell membranes. Nature Communications, 2019, 10, 225.	12.8	111
10	Structural Ensemble Modulation upon Small-Molecule Binding to Disordered Proteins. Journal of Molecular Biology, 2018, 430, 2288-2292.	4.2	53
11	Determination of Structural Ensembles of Proteins: Restraining vs Reweighting. Journal of Chemical Theory and Computation, 2018, 14, 6632-6641.	5.3	54
12	Multistep Inhibition of α-Synuclein Aggregation and Toxicity <i>in Vitro</i> and <i>in Vivo</i> by Trodusquemine. ACS Chemical Biology, 2018, 13, 2308-2319.	3.4	86
13	A natural product inhibits the initiation of α-synuclein aggregation and suppresses its toxicity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1009-E1017.	7.1	231
14	Principles of protein structural ensemble determination. Current Opinion in Structural Biology, 2017, 42, 106-116.	5.7	285
15	Attenuating the Toxicity of Amyloid-Beta Aggregation with Specific Species. Biophysical Journal, 2017, 112, 494a.	0.5	1
16	Methods of probing the interactions between small molecules and disordered proteins. Cellular and Molecular Life Sciences, 2017, 74, 3225-3243.	5.4	56
17	Simultaneous quantification of protein order and disorder. Nature Chemical Biology, 2017, 13, 339-342.	8.0	113
18	Sequence Specificity in the Entropy-Driven Binding of a Small Molecule and a Disordered Peptide. Journal of Molecular Biology, 2017, 429, 2772-2779.	4.2	62

#	Article	IF	CITATIONS
19	Vocabulary, syntax, and narrative development in typically developing children and children with early unilateral brain injury: Early parental talk about the "there-and-then―matters Developmental Psychology, 2015, 51, 161-175.	1.6	104
20	Topological Complexity in Protein Structures. Computational and Mathematical Biophysics, 2015, 3, .	1.1	3
21	Targeting disordered proteins with small molecules using entropy. Trends in Biochemical Sciences, 2015, 40, 491-496.	7.5	87
22	Quartz Microbalance Technology for Probing Biomolecular Interactions. Methods in Molecular Biology, 2015, 1278, 153-164.	0.9	5
23	Accounting for unintended binding events in the analysis of quartz crystal microbalance kinetic data. Colloids and Surfaces B: Biointerfaces, 2014, 117, 425-431.	5.0	1