Greta Hultqvist

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26 papers	642 citations	16 h-index	25 g-index
28 ext. papers	836 ext. citations	7.9 avg, IF	3.9 L-index

#	Paper	IF	Citations
26	Bivalent Brain Shuttle Increases Antibody Uptake by Monovalent Binding to the Transferrin Receptor. *Theranostics*, **2017**, 7, 308-318	12.1	79
25	A protein interaction node at the neurotransmitter release site: domains of Aczonin/Piccolo, Bassoon, CAST, and rim converge on the N-terminal domain of Munc13-1. *Journal of Neuroscience*, **2009**, 29, 12584-96	6.6	71
24	Molecular in situ topology of Aczonin/Piccolo and associated proteins at the mammalian neurotransmitter release site. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, E392-401	11.5	52
23	Probing the role of backbone hydrogen bonds in protein-peptide interactions by amide-to-ester mutations. *Journal of the American Chemical Society*, **2013**, 135, 12998-3007	16.4	43
22	Side-chain interactions form late and cooperatively in the binding reaction between disordered peptides and PDZ domains. *Journal of the American Chemical Society*, **2012**, 134, 599-605	16.4	35
21	Energetic pathway sampling in a protein interaction domain. *Structure*, **2013**, 21, 1193-1202	5.2	35
20	Efficient and inexpensive transient expression of multispecific multivalent antibodies in Expi293 cells. *Biological Procedures Online*, **2017**, 19, 11	8.3	31
19	A bispecific Tribody PET radioligand for visualization of amyloid-beta protofibrils - a new concept for neuroimaging. *NeuroImage*, **2017**, 148, 55-63	7.9	28
18	Emergence and evolution of an interaction between intrinsically disordered proteins. *ELife*, **2017**, 6,	8.9	28
17	Efficient clearance of A□protofibrils in A□P-transgenic mice treated with a brain-penetrating bifunctional antibody. *Alzheimer□s Research and Therapy*, **2018**, 10, 49	9	28
16	Probing backbone hydrogen bonding in PDZ/ligand interactions by protein amide-to-ester mutations. *Nature Communications*, **2014**, 5, 3215	17.4	26
15	High detection sensitivity with antibody-based PET radioligand for amyloid beta in brain. *NeuroImage*, **2019**, 184, 881-888	7.9	25
14	Antibody-Based In Vivo PET Imaging Detects Amyloid-□Reduction in Alzheimer Transgenic Mice After BACE-1 Inhibition. *Journal of Nuclear Medicine*, **2018**, 59, 1885-1891	8.9	23
13	Blood-brain barrier integrity in a mouse model of Alzheimer□s disease with or without acute 3D6 immunotherapy. *Neuropharmacology*, **2018**, 143, 1-9	5.5	21
12	Structure and dynamics conspire in the evolution of affinity between intrinsically disordered proteins. *Science Advances*, **2018**, 4, eaau4130	14.3	20
11	Brain delivery of biologics using a cross-species reactive transferrin receptor 1 VNAR shuttle. *FASEB Journal*, **2020**, 34, 13272-13283	0.9	18
10	Evolution of the vertebrate paralemmin gene family: ancient origin of gene duplicates suggests distinct functions. *PLoS ONE*, **2012**, 7, e41850	3.7	16

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9	Evolution of the p53-MDM2 pathway. *BMC Evolutionary Biology*, **2017**, 17, 177	3	14
8	The role of backbone hydrogen bonds in the transition state for protein folding of a PDZ domain. *PLoS ONE*, **2014**, 9, e95619	3.7	10
7	Tolerance of protein folding to a circular permutation in a PDZ domain. *PLoS ONE*, **2012**, 7, e50055	3.7	10
6	An expanded view of the protein folding landscape of PDZ domains. *Biochemical and Biophysical Research Communications*, **2012**, 421, 550-3	3.4	9
5	Pinpointing Brain TREM2 Levels in Two Mouse Models of Alzheimer's Disease. *Molecular Imaging and Biology*, **2021**, 23, 665-675	3.8	9
4	Enhanced neprilysin-mediated degradation of hippocampal A□2 with a somatostatin peptide that enters the brain. *Theranostics*, **2021**, 11, 789-804	12.1	8
3	In vivo imaging of alpha-synuclein with antibody-based PET.. *Neuropharmacology*, **2022**, 208, 108985	5.5	1
2	Wide-Ranging Effects on the Brain Proteome in a Transgenic Mouse Model of Alzheimer's Disease Following Treatment with a Brain-Targeting Somatostatin Peptide. *ACS Chemical Neuroscience*, **2021**, 12, 2529-2541	5.7	1
1	Novel multivalent design of a monoclonal antibody improves binding strength to soluble aggregates of amyloid beta. *Translational Neurodegeneration*, **2021**, 10, 38	10.3	0