

Greta Hultqvist

List of Publications by Year in Descending Order

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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	In vivo imaging of alpha-synuclein with antibody-based PET.. <i>Neuropharmacology</i> , 2022 , 208, 108985	5.5	1
25	Wide-Ranging Effects on the Brain Proteome in a Transgenic Mouse Model of Alzheimer's Disease Following Treatment with a Brain-Targeting Somatostatin Peptide. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 2529-2541	5.7	1
24	Enhanced neprilysin-mediated degradation of hippocampal A β 2 with a somatostatin peptide that enters the brain. <i>Theranostics</i> , 2021 , 11, 789-804	12.1	8
23	Pinpointing Brain TREM2 Levels in Two Mouse Models of Alzheimer's Disease. <i>Molecular Imaging and Biology</i> , 2021 , 23, 665-675	3.8	9
22	Novel multivalent design of a monoclonal antibody improves binding strength to soluble aggregates of amyloid beta. <i>Translational Neurodegeneration</i> , 2021 , 10, 38	10.3	0
21	Brain delivery of biologics using a cross-species reactive transferrin receptor 1 VNAR shuttle. <i>FASEB Journal</i> , 2020 , 34, 13272-13283	0.9	18
20	High detection sensitivity with antibody-based PET radioligand for amyloid beta in brain. <i>NeuroImage</i> , 2019 , 184, 881-888	7.9	25
19	Efficient clearance of A β protofibrils in APP-transgenic mice treated with a brain-penetrating bifunctional antibody. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 49	9	28
18	Antibody-Based In Vivo PET Imaging Detects Amyloid- β Reduction in Alzheimer Transgenic Mice After BACE-1 Inhibition. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1885-1891	8.9	23
17	Structure and dynamics conspire in the evolution of affinity between intrinsically disordered proteins. <i>Science Advances</i> , 2018 , 4, eaau4130	14.3	20
16	Blood-brain barrier integrity in a mouse model of Alzheimer's disease with or without acute 3D6 immunotherapy. <i>Neuropharmacology</i> , 2018 , 143, 1-9	5.5	21
15	A bispecific Tribody PET radioligand for visualization of amyloid-beta protofibrils - a new concept for neuroimaging. <i>NeuroImage</i> , 2017 , 148, 55-63	7.9	28
14	Evolution of the p53-MDM2 pathway. <i>BMC Evolutionary Biology</i> , 2017 , 17, 177	3	14
13	Emergence and evolution of an interaction between intrinsically disordered proteins. <i>ELife</i> , 2017 , 6,	8.9	28
12	Efficient and inexpensive transient expression of multispecific multivalent antibodies in Expi293 cells. <i>Biological Procedures Online</i> , 2017 , 19, 11	8.3	31
11	Bivalent Brain Shuttle Increases Antibody Uptake by Monovalent Binding to the Transferrin Receptor. <i>Theranostics</i> , 2017 , 7, 308-318	12.1	79
10	Probing backbone hydrogen bonding in PDZ/ligand interactions by protein amide-to-ester mutations. <i>Nature Communications</i> , 2014 , 5, 3215	17.4	26

9	The role of backbone hydrogen bonds in the transition state for protein folding of a PDZ domain. <i>PLoS ONE</i> , 2014 , 9, e95619	3.7	10
8	Energetic pathway sampling in a protein interaction domain. <i>Structure</i> , 2013 , 21, 1193-1202	5.2	35
7	Probing the role of backbone hydrogen bonds in protein-peptide interactions by amide-to-ester mutations. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12998-3007	16.4	43
6	Side-chain interactions form late and cooperatively in the binding reaction between disordered peptides and PDZ domains. <i>Journal of the American Chemical Society</i> , 2012 , 134, 599-605	16.4	35
5	An expanded view of the protein folding landscape of PDZ domains. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 421, 550-3	3.4	9
4	Evolution of the vertebrate paralemmin gene family: ancient origin of gene duplicates suggests distinct functions. <i>PLoS ONE</i> , 2012 , 7, e41850	3.7	16
3	Tolerance of protein folding to a circular permutation in a PDZ domain. <i>PLoS ONE</i> , 2012 , 7, e50055	3.7	10
2	Molecular in situ topology of Aczonin/Piccolo and associated proteins at the mammalian neurotransmitter release site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E392-401	11.5	52
1	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. <i>Journal of Neuroscience</i> , 2009 , 29, 12584-96	6.6	71