

# Cintia Roodveldt

## List of Publications by Year in descending order

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31  
papers

3,117  
citations

394421

19  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

4529  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 'evolvability' of promiscuous protein functions. <i>Nature Genetics</i> , 2005, 37, 73-76.	21.4	742
2	Enzyme promiscuity: evolutionary and mechanistic aspects. <i>Current Opinion in Chemical Biology</i> , 2006, 10, 498-508.	6.1	550
3	Structural characterization of toxic oligomers that are kinetically trapped during $\alpha$ -synuclein fibril formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1994-2003.	7.1	384
4	The Latent Promiscuity of Newly Identified Microbial Lactonases Is Linked to a Recently Diverged Phosphotriesterase. <i>Biochemistry</i> , 2006, 45, 13677-13686.	2.5	258
5	Molecular mechanisms used by chaperones to reduce the toxicity of aberrant protein oligomers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12479-12484.	7.1	137
6	Directed evolution of proteins for heterologous expression and stability. <i>Current Opinion in Structural Biology</i> , 2005, 15, 50-56.	5.7	122
7	Shared Promiscuous Activities and Evolutionary Features in Various Members of the Amidohydrolase Superfamily. <i>Biochemistry</i> , 2005, 44, 12728-12736.	2.5	119
8	Chaperone proteostasis in Parkinson's disease: stabilization of the Hsp70/ $\alpha$ -synuclein complex by Hip. <i>EMBO Journal</i> , 2009, 28, 3758-3770.	7.8	110
9	Directed evolution of phosphotriesterase from <i>Pseudomonas diminuta</i> for heterologous expression in <i>Escherichia coli</i> results in stabilization of the metal-free state. <i>Protein Engineering, Design and Selection</i> , 2005, 18, 51-58.	2.1	96
10	Preconditioning of Microglia by $\alpha$ -Synuclein Strongly Affects the Response Induced by Toll-like Receptor (TLR) Stimulation. <i>PLoS ONE</i> , 2013, 8, e79160.	2.5	92
11	Glial Innate Immunity Generated by Non-Aggregated Alpha-Synuclein in Mouse: Differences between Wild-type and Parkinson's Disease-Linked Mutants. <i>PLoS ONE</i> , 2010, 5, e13481.	2.5	89
12	Immunological features of $\alpha$ -synuclein in Parkinson's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1820-1829.	3.6	84
13	Hsp70 Oligomerization Is Mediated by an Interaction between the Interdomain Linker and the Substrate-Binding Domain. <i>PLoS ONE</i> , 2013, 8, e67961.	2.5	66
14	The chaperonin CCT inhibits assembly of $\alpha$ -synuclein amyloid fibrils by a specific, conformation-dependent interaction. <i>Scientific Reports</i> , 2017, 7, 40859.	3.3	48
15	Extracellular TDP $\alpha$ 43 aggregates target MAPK/MAK/MRK overlapping kinase (MOK) and trigger caspase $\beta$ /IL $\alpha$ 18 signaling in microglia. <i>FASEB Journal</i> , 2017, 31, 2797-2816.	0.5	39
16	The $\alpha$ -Omics $\alpha$ ™ of Amyotrophic Lateral Sclerosis. <i>Trends in Molecular Medicine</i> , 2016, 22, 53-67.	6.7	33
17	Immunization with $\alpha$ -synuclein/Grp94 reshapes peripheral immunity and suppresses microgliosis in a chronic Parkinsonism model. <i>Glia</i> , 2018, 66, 191-205.	4.9	24
18	A Rationally Designed Six-Residue Swap Generates Comparability in the Aggregation Behavior of $\alpha$ -Synuclein and I $\alpha$ -Synuclein. <i>Biochemistry</i> , 2012, 51, 8771-8778.	2.5	22

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19	Trypanosoma cruzi: identification of a galactose-binding protein that binds to cell surface of human erythrocytes and is involved in cell invasion by the parasite. <i>Experimental Parasitology</i> , 2002, 100, 217-225.	1.2	21
20	Use of Full-Length Recombinant Calflagin and Its C Fragment for Improvement of Diagnosis of Trypanosoma cruzi Infection. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5498-5503.	3.9	14
21	Chaperome screening leads to identification of Grp94/Gp96 and FKBP4/52 as modulators of the $\alpha$ -synuclein-elicited immune response. <i>FASEB Journal</i> , 2016, 30, 564-577.	0.5	13
22	Chaperoned amyloid proteins for immune manipulation: $\alpha$ -Synuclein/Hsp70 shifts immunity toward a modulatory phenotype. <i>Immunity, Inflammation and Disease</i> , 2014, 2, 226-238.	2.7	10
23	Immune Signaling Kinases in Amyotrophic Lateral Sclerosis (ALS) and Frontotemporal Dementia (FTD). <i>International Journal of Molecular Sciences</i> , 2021, 22, 13280.	4.1	10
24	Purification of the 67-kDa lectin-like glycoprotein of Trypanosoma cruzi, LLGP-67, and its evaluation as a relevant antigen for the diagnosis of human infection. <i>FEMS Microbiology Letters</i> , 2003, 220, 149-154.	1.8	9
25	Differential Interactome and Innate Immune Response Activation of Two Structurally Distinct Misfolded Protein Oligomers. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3464-3478.	3.5	7
26	Distinct responses of human peripheral blood cells to different misfolded protein oligomers. <i>Immunology</i> , 2021, 164, 358-371.	4.4	7
27	Editorial: Molecular Chaperones and Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2017, 11, 565.	2.8	6
28	The Hsp70 Chaperone System in Parkinson's Disease. , 2011, , .		3
29	Alpha-Synuclein and the Immune Response in Parkinson's Disease. , 0, , .		1
30	Commentary: Immunochemical Markers of the Amyloid Cascade in the Hippocampus in Motor Neuron Diseases. <i>Frontiers in Neurology</i> , 2017, 8, 105.	2.4	1
31	High-throughput Screens and Selections of Enzyme-encoding Genes. , 2006, , 163-181.		0