

# Dan Frenkel

## List of Publications by Year in descending order

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32  
papers

1,743  
citations

331642

21  
h-index

477281

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scara1 deficiency impairs clearance of soluble amyloid- $\beta^2$ by mononuclear phagocytes and accelerates Alzheimer's-like disease progression. <i>Nature Communications</i> , 2013, 4, 2030.	12.8	162
2	Filamentous phage as vector-mediated antibody delivery to the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5675-5679.	7.1	157
3	Nasal vaccination with a proteosome-based adjuvant and glatiramer acetate clears $\beta^2$ -amyloid in a mouse model of Alzheimer disease. <i>Journal of Clinical Investigation</i> , 2005, 115, 2423-2433.	8.2	149
4	Nasal Vaccination with Myelin Oligodendrocyte Glycoprotein Reduces Stroke Size by Inducing IL-10-Producing CD4+ T Cells. <i>Journal of Immunology</i> , 2003, 171, 6549-6555.	0.8	142
5	Neuroprotection by IL-10-producing MOG CD4+ T cells following ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2005, 233, 125-132.	0.6	132
6	Megf10 Is a Receptor for C1Q That Mediates Clearance of Apoptotic Cells by Astrocytes. <i>Journal of Neuroscience</i> , 2016, 36, 5185-5192.	3.6	121
7	Astrocytes from old Alzheimer's disease mice are impaired in $\beta^2$ uptake and in neuroprotection. <i>Neurobiology of Disease</i> , 2016, 96, 84-94.	4.4	85
8	CD11 deficiency impairs autophagy and reduces alpha-synuclein phagocytosis by microglia. <i>Journal of Neurochemistry</i> , 2017, 143, 584-594.	3.9	85
9	CD11 deficiency triggers microglia sensitivity to dopamine toward a pro-inflammatory phenotype that is attenuated by rasagiline. <i>Journal of Neurochemistry</i> , 2014, 129, 434-447.	3.9	84
10	Behavioral and neural effects of intra-striatal infusion of anti-streptococcal antibodies in rats. <i>Brain, Behavior, and Immunity</i> , 2014, 38, 249-262.	4.1	84
11	Reduction of $\beta^2$ -amyloid plaques in brain of transgenic mouse model of Alzheimer's disease by EFRH-phage immunization. <i>Vaccine</i> , 2003, 21, 1060-1065.	3.8	82
12	Hyperbaric oxygen therapy ameliorates pathophysiology of 3xTg-AD mouse model by attenuating neuroinflammation. <i>Neurobiology of Aging</i> , 2018, 62, 105-119.	3.1	61
13	A nasal proteosome adjuvant activates microglia and prevents amyloid deposition. <i>Annals of Neurology</i> , 2008, 63, 591-601.	5.3	47
14	Insulin-coated gold nanoparticles as a new concept for personalized and adjustable glucose regulation. <i>Nanoscale</i> , 2015, 7, 20489-20496.	5.6	47
15	$\beta^3$ -Secretase component presenilin is important for microglia $\beta^2$ -amyloid clearance. <i>Annals of Neurology</i> , 2011, 69, 170-180.	5.3	45
16	Neuropsychiatric symptoms in dementia: A role for neuroinflammation?. <i>Brain Research Bulletin</i> , 2014, 108, 88-93.	3.0	44
17	Microglia and Parkinson's disease: footprints to pathology. <i>Journal of Neural Transmission</i> , 2020, 127, 149-158.	2.8	37
18	Nasal vaccination with troponin reduces troponin specific T-cell responses and improves heart function in myocardial ischemia-reperfusion injury. <i>International Immunology</i> , 2009, 21, 817-829.	4.0	33

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19	Homocysteine fibrillar assemblies display cross-talk with Alzheimer's disease $\beta$ -amyloid polypeptide. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
20	Anti-inflammatory and protective effects of MT-031, a novel multitarget MAO-A and AChE/BuChE inhibitor in scopolamine mouse model and inflammatory cells. Neuropharmacology, 2017, 113, 445-456.	4.1	26
21	New insights on Parkinson's disease genes: the link between mitochondria impairment and neuroinflammation. Journal of Neural Transmission, 2015, 122, 1409-1419.	2.8	24
22	The dialog between neurons and microglia in Alzheimer's disease: The neurotransmitters view. Journal of Neurochemistry, 2021, 158, 1412-1424.	3.9	17
23	Generation of anti- $\beta$ -amyloid antibodies via phage display technology. Vaccine, 2004, 22, 2505-2508.	3.8	12
24	A new TRAIL in Alzheimer's disease therapy. Brain, 2015, 138, 8-10.	7.6	10
25	From virus to diabetes therapy: Characterization of a specific insulin-degrading enzyme inhibitor for diabetes treatment. FASEB Journal, 2021, 35, e21374.	0.5	7
26	Alpha synuclein deficiency increases CD4 + T cells pro-inflammatory profile in a Nurr1-dependent manner. Journal of Neurochemistry, 2020, 152, 61-71.	3.9	6
27	Peptide Interference with APP and Tau Association: Relevance to Alzheimer's Disease Amelioration. International Journal of Molecular Sciences, 2020, 21, 3270.	4.1	6
28	Alzheimer's disease: A need for personalized therapeutic approaches. Drug Development Research, 2020, 81, 141-143.	2.9	5
29	Imbalance in Sirt1 Alternative Splicing in Response to Chronic Stress during the Adolescence Period in Female Mice. International Journal of Molecular Sciences, 2022, 23, 4945.	4.1	3
30	Investigating animal models of optic neuropathy: An accurate method for optic nerve and chiasm dissection in mice. Journal of Neuroscience Methods, 2020, 331, 108527.	2.5	1
31	Generation of Auto-antibodies toward Alzheimer's Disease Vaccination. , 0, , 769-775.		0
32	Antibody-Mediated Inhibition of Insulin-Degrading Enzyme Improves Insulin Activity in a Diabetic Mouse Model. Frontiers in Immunology, 2022, 13, 835774.	4.8	0