Ruth Gabizon

List of Publications by Year
in descending order

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50 papers	2,757 citations	257450 24 h-index	182427 51 g-index
52 all docs	52 docs citations	52 times ranked	1926 citing authors

#	Article	IF	Citations
1	Prion propagation in mice expressing human and chimeric PrP transgenes implicates the interaction of cellular PrP with another protein. Cell, 1995, 83, 79-90.	28.9	800
2	Mutation of the Prion Protein in Libyan Jews with Creutzfeldtâ€“Jakob Disease. New England Journal of Medicine, 1991, 324, 1091-1097.	27.0	281
3	Heparin-like molecules bind differentially to prion-proteins and change their intracellular metabolic fate. Journal of Cellular Physiology, 1993, 157, 319-325.	4.1	136
4	The Anti-prion Activity of Congo Red. Journal of Biological Chemistry, 1998, 273, 3484-3489.	3.4	113
5	Copper binding to PrPC may inhibit prion disease propagation. Brain Research, 2003, 993, 192-200.	2.2	98
6	The Cellular Prion Protein Colocalizes with the Dystroglycan Complex in the Brain. Journal of Neurochemistry, 2002, 75, 1889-1897.	3.9	82
7	Complete Penetrance of Creutzfeldt-Jakob Disease in Libyan Jews Carrying the E200K Mutation in the Prion Protein Gene. Molecular Medicine, 1995, 1, 607-613.	4.4	81
8	Novel heparan mimetics potently inhibit the scrapie prion protein and its endocytosis. Biochemical and Biophysical Research Communications, 2003, 312, 473-479.	2.1	78
9	PrPSc Incorporation to Cells Requires Endogenous Glycosaminoglycan Expression. Journal of Biological Chemistry, 2005, 280, 17057-17061.	3.4	78
10	Pomegranate seed oil nanoemulsions for the prevention and treatment of neurodegenerative diseases: the case of genetic CJD. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1353-1363.	3.3	75
11	Fatal Prion Disease in a Mouse Model of Genetic E200K Creutzfeldt-Jakob Disease. PLoS Pathogens, 2011, 7, e1002350.	4.7	68
12	A C-terminal-truncated PrP Isoform Is Present in Mature Sperm. Journal of Biological Chemistry, 1999, 274, 32153-32158.	3.4	63
13	Protease-resistant and Detergent-insoluble Prion Protein Is Not Necessarily Associated with Prion Infectivity. Journal of Biological Chemistry, 1999, 274, 17981-17986.	3.4	62
14	Familial Creutzfeldt-Jakob Disease: Codon 200 Prion Disease in Libyan Jews. Medicine (United States), 1997, 76, 227-237.	1.0	60
15	Reconstitution of Prion Infectivity from Solubilized Protease-resistant PrP and Nonprotein Components of Prion Rods. Journal of Biological Chemistry, 2001, 276, 14324-14328.	3.4	53
16	Methionine Sulfoxides on PrP^{Sc}: A Prion-Specific Covalent Signature. Biochemistry, 2008, 47, 8866-8873.	2.5	52
17	Oxidation of Helix-3 Methionines Precedes the Formation of PK Resistant PrPSc. PLoS Pathogens, 2010, 6, e1000977.	4.7	51
18	Aggregation of MBP in chronic demyelination. Annals of Clinical and Translational Neurology, 2015, 2, 711-721.	3.7	40

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19	Copper Binding to the PrP Isoforms: a Putative Marker of Their Conformation and Function. Journal of Virology, 2001, 75, 7872-7874.	3.4	32
20	Tau and 14-3-3 of genetic and sporadic Creutzfeldtâ€“Jakob disease patients in Israel. Journal of Neurology, 2011, 258, 255-262.	3.6	32
21	Treatment of a multiple sclerosis animal model by a novel nanodrop formulation of a natural antioxidant. International Journal of Nanomedicine, 2015, 10, 7165.	6.7	32
22	Dimethyl sulfoxide delays PrPsc accumulation and disease symptoms in prion-infected hamsters. Brain Research, 2003, 983, 137-143.	2.2	27
23	Induced Neuroprotection Independently From PrPSc Accumulation in a Mouse Model for Prion Disease Treated With Simvastatin. Archives of Neurology, 2008, 65, 762-75.	4.5	26
24	Copper is toxic to PrP-ablated mice and exacerbates disease in a mouse model of E200K genetic prion disease. Neurobiology of Disease, 2012, 45, 1010-1017.	4.4	25
25	Brain targeting of 9c,11t-Conjugated Linoleic Acid, a natural calpain inhibitor, preserves memory and reduces Aî² and P25 accumulation in 5XFAD mice. Scientific Reports, 2019, 9, 18437.	3.3	22
26	Doppel and PrPCdo not share the same membrane microenvironment. FEBS Letters, 2002, 530, 85-88.	2.8	21
27	The metabolism of glycosaminoglycans is impaired in prion diseases. Neurobiology of Disease, 2005, 20, 738-743.	4.4	21
28	Mitochondrial dysfunction in preclinical genetic prion disease: A target for preventive treatment?. Neurobiology of Disease, 2019, 124, 57-66.	4.4	21
29	PrPST, a Soluble, Protease Resistant and Truncated PrP Form Features in the Pathogenesis of a Genetic Prion Disease. PLoS ONE, 2013, 8, e69583.	2.5	19
30	Subcellular trafficking abnormalities of a prion protein with a disrupted disulfide loop. FEBS Letters, 1999, 460, 11-16.	2.8	18
31	Age-related alterations affect the susceptibility of mice to prion infection. Neurobiology of Aging, 2011, 32, 2006-2015.	3.1	18
32	Valproic acid treatment results in increased accumulation of prion proteins. Annals of Neurology, 2002, 52, 416-420.	5.3	15
33	Fatal Neurological Disease in Scrapie-Infected Mice Induced for Experimental Autoimmune Encephalomyelitis. Journal of Virology, 2007, 81, 9942-9949.	3.4	15
34	Continues administration of Nano-PSO significantly increased survival of genetic CJD mice. Neurobiology of Disease, 2017, 108, 140-147.	4.4	15
35	Snord 3A: A Molecular Marker and Modulator of Prion Disease Progression. PLoS ONE, 2013, 8, e54433.	2.5	14
36	Inhibition of P53-related apoptosis had no effect on PrPSc accumulation and prion disease incubation time. Neurobiology of Disease, 2005, 18, 282-285.	4.4	13

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37	Chemically Induced Accumulation of GAGs Delays PrPSc Clearance but Prolongs Prion Disease Incubation Time. Cellular and Molecular Neurobiology, 2008, 28, 1005-1015.	3.3	13
38	Of mice and (mad) cows â€" transgenic mice help to understand prions. Trends in Genetics, 1997, 13, 264-269.	6.7	11
39	Chronic Progressive Neurodegeneration in a Transgenic Mouse Model of Prion Disease. Frontiers in Neuroscience, 2016, 10, 510.	2.8	11
40	Autologous neural progenitor cell transplantation into newborn mice modeling for E200K genetic prion disease delays disease progression. Neurobiology of Aging, 2018, 65, 192-200.	3.1	11
41	Characterization of light chain immunoglobulin in urine from animals and humans infected with prion diseases. Journal of Neuroimmunology, 2005, 162, 12-18.	2.3	10
42	Prion urine comprises a glycosaminoglycan-light chain IgG complex that can be stained by Congo red. Journal of Virological Methods, 2006, 133, 205-210.	2.1	9
43	Virusâ€induced alterations of membrane lipids affect the incorporation of PrP^{Sc} into cells. Journal of Neuroscience Research, 2008, 86, 2753-2762.	2.9	8
44	Delay of gCJD aggravation in sick TgMHu2ME199K mice by combining NPC transplantation and Nano-PSO administration. Neurobiology of Aging, 2020, 95, 231-239.	3.1	6
45	Nano-PSO Administration Attenuates Cognitive and Neuronal Deficits Resulting from Traumatic Brain Injury. Molecules, 2022, 27, 2725.	3.8	5
46	Targeting of prion-infected lymphoid cells to the central nervous system accelerates prion infection. Journal of Neuroinflammation, 2012, 9, 58.	7.2	3
47	Identifying therapeutic targets and treatments in model systems. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 153, 409-418.	1.8	3
48	Properties of Scrapie Prion Proteins in Liposomes and Amyloid Rods. Novartis Foundation Symposium, 1988, 135, 182-196.	1.1	3
49	Comparing antiâ€"aging hallmark activities of Metformin and Nano-PSO in a mouse model of genetic Creutzfeldt-Jakob Disease. Neurobiology of Aging, 2022, 110, 77-87.	3.1	3
50	Genetic prion disease: no role for the immune system in disease pathogenesis?. Human Molecular Genetics, 2014, 23, 4134-4141.	2.9	2