Adriano Aguzzi

List of Publications by Year
in descending order

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441 papers	42,024 citations	1799 103 h-index	3034 188 g-index
509 all docs	509 docs citations	509 times ranked	34510 citing authors

#	Article	IF	Citations
1	Molecular foundations of prion strain diversity. Current Opinion in Neurobiology, 2022, 72, 22-31.	4.2	10
2	Microfluidic characterisation reveals broad range of SARS-CoV-2 antibody affinity in human plasma. Life Science Alliance, 2022, 5, e202101270.	2.8	24
3	Lack of association between pandemic chilblains and SARS-CoV-2 infection. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	18
4	Glial activation in prion diseases is selectively triggered by neuronal PrP^{Sc}. Brain Pathology, 2022, 32, e13056.	4.1	13
5	Microfluidic Antibody Affinity Profiling Reveals the Role of Memory Reactivation and Cross-Reactivity in the Defense Against SARS-CoV-2. ACS Infectious Diseases, 2022, 8, 790-799.	3.8	8
6	Concordance of <scp>CSF RTâ€QuIC</scp> across the European <scp>Creutzfeldtâ€Jakob</scp> Disease surveillance network. European Journal of Neurology, 2022, , .	3.3	7
7	Brain aging is faithfully modelled in organotypic brain slices and accelerated by prions. Communications Biology, 2022, 5, .	4.4	1
8	Multiscale optical and optoacoustic imaging of amyloid-Î² deposits in mice. Nature Biomedical Engineering, 2022, 6, 1031-1044.	22.5	39
9	Both COVID-19 infection and vaccination induce high-affinity cross-clade responses to SARS-CoV-2 variants. IScience, 2022, 25, 104766.	4.1	13
10	Intracerebral endotheliitis and microbleeds are neuropathological features of COVIDâ€19. Neuropathology and Applied Neurobiology, 2021, 47, 454-459.	3.2	92
11	Systemic and mucosal antibody responses specific to SARS-CoV-2 during mild versus severe COVID-19. Journal of Allergy and Clinical Immunology, 2021, 147, 545-557.e9.	2.9	316
12	The role of macrophage scavenger receptor 1 (Msr1) in prion pathogenesis. Journal of Molecular Medicine, 2021, 99, 877-887.	3.9	4
13	Scaling analysis reveals the mechanism and rates of prion replication in vivo. Nature Structural and Molecular Biology, 2021, 28, 365-372.	8.2	22
14	Mechanism of misfolding of the human prion protein revealed by a pathological mutation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	19
15	Pericytes regulate vascular immune homeostasis in the CNS. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	86
16	Antibody Affinity Governs the Inhibition of SARS-CoV-2 Spike/ACE2 Binding in Patient Serum. ACS Infectious Diseases, 2021, 7, 2362-2369.	3.8	32
17	Observation of Collagen-Containing Lesions After Hematoma Resolution in Intracerebral Hemorrhage. Stroke, 2021, 52, 1856-1860.	2.0	1
18	Tau Exon 10 Inclusion by PrPC through Downregulating GSK3Î² Activity. International Journal of Molecular Sciences, 2021, 22, 5370.	4.1	2

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19	An integrated genomic approach to dissect the genetic landscape regulating the cell-to-cell transfer of Î±-synuclein. Cell Reports, 2021, 35, 109189.	6.4	8
20	The ultrastructure of infectious L-type bovine spongiform encephalopathy prions constrains molecular models. PLoS Pathogens, 2021, 17, e1009628.	4.7	11
21	Loss of PIKfyve drives the spongiform degeneration in prion diseases. EMBO Molecular Medicine, 2021, 13, e14714.	6.9	18
22	Patient-blood management for COVID19 convalescent plasma therapy: relevance of affinity and donorâ€“recipient differences in concentration of neutralizing antibodies. Clinical Microbiology and Infection, 2021, 27, 987-992.	6.0	6
23	LAG3 is not expressed in human and murine neurons and does not modulate Î±â€synucleinopathies. EMBO Molecular Medicine, 2021, 13, e14745.	6.9	44
24	Equal contribution means that the contribution is equal. , 2021, 151, .		1
25	Prion protein and prion disease at a glance. Journal of Cell Science, 2021, 134, .	2.0	8
26	The prion protein is not required for peripheral nerve de- and remyelination after crush injury. PLoS ONE, 2021, 16, e0245944.	2.5	5
27	Novel regulators of PrPC biosynthesis revealed by genome-wide RNA interference. PLoS Pathogens, 2021, 17, e1010013.	4.7	4
28	Ligands binding to the prion protein induce its proteolytic release with therapeutic potential in neurodegenerative proteinopathies. Science Advances, 2021, 7, eabj1826.	10.3	18
29	Anti-prothrombin autoantibodies enriched after infection with SARS-CoV-2 and influenced by strength of antibody response against SARS-CoV-2 proteins. PLoS Pathogens, 2021, 17, e1010118.	4.7	30
30	Prion protein deficiency impairs hematopoietic stem cell determination and sensitizes myeloid progenitors to irradiation. Haematologica, 2020, 105, 1216-1222.	3.5	6
31	NG2 glia are required for maintaining microglia homeostatic state. Glia, 2020, 68, 345-355.	4.9	52
32	Magnetic fields modulate metabolism and gut microbiome in correlation with Pgcâ€1Î± expression: Followâ€up to an in vitro magnetic mitohormetic study. FASEB Journal, 2020, 34, 11143-11167.	0.5	20
33	Developmental divergence of sensory stimulus representation in cortical interneurons. Nature Communications, 2020, 11, 5729.	12.8	17
34	Inflammatory olfactory neuropathy in two patients with COVID-19. Lancet, The, 2020, 396, 166.	13.7	86
35	Identification of novel risk loci and causal insights for sporadic Creutzfeldt-Jakob disease: a genome-wide association study. Lancet Neurology, The, 2020, 19, 840-848.	10.2	42
36	The uptake of tau amyloid fibrils is facilitated by the cellular prion protein and hampers prion propagation in cultured cells. Journal of Neurochemistry, 2020, 155, 577-591.	3.9	32

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37	New paradigms of clinical trial design for genetic prion diseases. Lancet Neurology, The, 2020, 19, 284-285.	10.2	2
38	Genome-wide transcriptomics identifies an early preclinical signature of prion infection. PLoS Pathogens, 2020, 16, e1008653.	4.7	40
39	Autoantibodies against the prion protein in individuals with PRNP mutations. Neurology, 2020, 95, e2028-e2037.	1.1	7
40	Isolation of infectious, non-fibrillar and oligomeric prions from a genetic prion disease. Brain, 2020, 143, 1512-1524.	7.6	21
41	Recent developments in antibody therapeutics against prion disease. Emerging Topics in Life Sciences, 2020, 4, 169-173.	2.6	10
42	Shifts and drifts in prion science. Science, 2020, 370, 32-34.	12.6	21
43	Soluble dimeric prion protein ligand activates Adgrg6 receptor but does not rescue early signs of demyelination in PrP-deficient mice. PLoS ONE, 2020, 15, e0242137.	2.5	9
44	Protective antiâ€prion antibodies in human immunoglobulin repertoires. EMBO Molecular Medicine, 2020, 12, e12739.	6.9	17
45	EBV renders B cells susceptible to HIV-1 in humanized mice. Life Science Alliance, 2020, 3, e202000640.	2.8	22
46	Prion infection, transmission, and cytopathology modeled in a low-biohazard human cell line. Life Science Alliance, 2020, 3, e202000814.	2.8	7
47	Ribosomal profiling during prion disease uncovers progressive translational derangement in glia but not in neurons. ELife, 2020, 9, .	6.0	29
48	Genome-wide transcriptomics identifies an early preclinical signature of prion infection. , 2020, 16, e1008653.		0
49	Genome-wide transcriptomics identifies an early preclinical signature of prion infection. , 2020, 16, e1008653.		0
50	Transition of the prion protein from a structured cellular form (PrP^C) to the infectious scrapie agent (PrP^{Sc}). Protein Science, 2019, 28, 2055-2063.	7.6	30
51	â€˜Broken accessâ€™ publishing corrodes quality. Nature, 2019, 570, 139-139.	27.8	9
52	Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. Cancer Cell, 2019, 36, 250-267.e9.	16.8	25
53	Enhanced detection of prion infectivity from blood by preanalytical enrichment with peptoid-conjugated beads. PLoS ONE, 2019, 14, e0216013.	2.5	2
54	A cullin-RING ubiquitin ligase targets exogenous Î±-synuclein and inhibits Lewy bodyâ€“like pathology. Science Translational Medicine, 2019, 11, .	12.4	30

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55	SARM1 deficiency up-regulates XAF1, promotes neuronal apoptosis, and accelerates prion disease. Journal of Experimental Medicine, 2019, 216, 743-756.	8.5	24
56	Unaltered prion disease in mice lacking developmental endothelial locusâ€“1. Neurobiology of Aging, 2019, 76, 208-213.	3.1	5
57	Ossified blood vessels in primary familial brain calcification elicit a neurotoxic astrocyte response. Brain, 2019, 142, 885-902.	7.6	50
58	Latest advances in aging research and drug discovery. Aging, 2019, 11, 9971-9981.	3.1	13
59	The mesoSPIM initiative: open-source light-sheet microscopes for imaging cleared tissue. Nature Methods, 2019, 16, 1105-1108.	19.0	174
60	Genomeâ€wide identification of microRNAs regulating the human prion protein. Brain Pathology, 2019, 29, 232-244.	4.1	22
61	â€˜Forward geneticsâ€™ and the causes of ALS. Nature Reviews Molecular Cell Biology, 2019, 20, 67-67.	37.0	2
62	Immunotherapy for neurodegeneration?. Science, 2019, 364, 130-131.	12.6	19
63	Intrinsic Toxicity of Antibodies to the Globular Domain of the Prion Protein. Biological Psychiatry, 2018, 84, e51-e52.	1.3	5
64	Infectious prions do not induce Aî² deposition in an in vivo seeding model. Acta Neuropathologica, 2018, 135, 965-967.	7.7	8
65	Structural characterization of POM 6 Fab and mouse prion protein complex identifies key regions for prions conformational conversion. FEBS Journal, 2018, 285, 1701-1714.	4.7	6
66	GPR56/ADGRG1 regulates development and maintenance of peripheral myelin. Journal of Experimental Medicine, 2018, 215, 941-961.	8.5	51
67	Prions, prionoids and protein misfolding disorders. Nature Reviews Genetics, 2018, 19, 405-418.	16.3	218
68	Toward Therapy of Human Prion Diseases. Annual Review of Pharmacology and Toxicology, 2018, 58, 331-351.	9.4	63
69	Binding of Polythiophenes to Amyloids: Structural Mapping of the Pharmacophore. ACS Chemical Neuroscience, 2018, 9, 475-481.	3.5	31
70	Toxic Protein Spread in Neurodegeneration: Reality versus Fantasy. Trends in Molecular Medicine, 2018, 24, 1007-1020.	6.7	26
71	Prion pathogenesis is unaltered in a mouse strain with a permeable blood-brain barrier. PLoS Pathogens, 2018, 14, e1007424.	4.7	9
72	A bispecific immunotweezer prevents soluble PrP oligomers and abolishes prion toxicity. PLoS Pathogens, 2018, 14, e1007335.	4.7	21

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73	Lymphocyte activation gene 3 (Lag3) expression is increased in prion infections but does not modify disease progression. Scientific Reports, 2018, 8, 14600.	3.3	45
74	Itch suppression in mice and dogs by modulation of spinal Î±2 and Î±3GABAA receptors. Nature Communications, 2018, 9, 3230.	12.8	34
75	Regulated expression of amyloidogenic immunoglobulin light chains in mice. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2017, 24, 52-53.	3.0	4
76	Modifiers of prion protein biogenesis and recycling identified by a highly parallel endocytosis kinetics assay. Journal of Biological Chemistry, 2017, 292, 8356-8368.	3.4	19
77	Absolute Quantification of Amyloid Propagons by Digital Microfluidics. Analytical Chemistry, 2017, 89, 12306-12313.	6.5	21
78	Scaling behaviour and rate-determining steps in filamentous self-assembly. Chemical Science, 2017, 8, 7087-7097.	7.4	65
79	NADPH oxidases as drug targets and biomarkers in neurodegenerative diseases: What is the evidence?. Free Radical Biology and Medicine, 2017, 112, 387-396.	2.9	88
80	A role for astroglia in prion diseases. Journal of Experimental Medicine, 2017, 214, 3477-3479.	8.5	25
81	The biological function of the cellular prion protein: an update. BMC Biology, 2017, 15, 34.	3.8	190
82	Extended characterization of the novel co-isogenic C57BL/6J Prnpâˆ’/âˆ’ mouse line. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2017, 24, 36-37.	3.0	5
83	Relative Impact of Complement Receptors CD21/35 (Cr2/1) on Scrapie Pathogenesis in Mice. MSphere, 2017, 2, .	2.9	11
84	An R-CaMP1.07 reporter mouse for cell-type-specific expression of a sensitive red fluorescent calcium indicator. PLoS ONE, 2017, 12, e0179460.	2.5	47
85	Inhibition of group-I metabotropic glutamate receptors protects against prion toxicity. PLoS Pathogens, 2017, 13, e1006733.	4.7	42
86	Microglia in prion diseases. Journal of Clinical Investigation, 2017, 127, 3230-3239.	8.2	89
87	Protease resistance of infectious prions is suppressed by removal of a single atom in the cellular prion protein. PLoS ONE, 2017, 12, e0170503.	2.5	7
88	Cystatin F is a biomarker of prion pathogenesis in mice. PLoS ONE, 2017, 12, e0171923.	2.5	20
89	Prion pathogenesis is unaltered in the absence of SIRPÎ±-mediated "don't-eat-me" signaling. PLoS ONE, 2017, 12, e0177876.	2.5	7
90	Efficient Generation of Multi-gene Knockout Cell Lines and Patient-derived Xenografts Using Multi-colored Lenti-CRISPR-Cas9. Bio-protocol, 2017, 7, e2222.	0.4	2

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91	Strong, generous support for medical research emerges from a large cohort of Swiss patients. Swiss Medical Weekly, 2017, 147, w14537.	1.6	2
92	Evaluation of NADPH oxidases as drug targets in a mouse model of familial amyotrophic lateral sclerosis. Free Radical Biology and Medicine, 2016, 97, 95-108.	2.9	47
93	The Priority position paper: Protecting Europe's food chain from prions. Prion, 2016, 10, 165-181.	1.8	13
94	A neuroprotective role for microglia in prion diseases. Journal of Experimental Medicine, 2016, 213, 1047-1059.	8.5	127
95	Strictly co-isogenic C57BL/6J-Prnpâ^'/â^' mice: A rigorous resource for prion science. Journal of Experimental Medicine, 2016, 213, 313-327.	8.5	98
96	Phase Separation: Linking Cellular Compartmentalization to Disease. Trends in Cell Biology, 2016, 26, 547-558.	7.9	291
97	Homozygous calreticulin mutations in patients with myelofibrosis lead to acquired myeloperoxidase deficiency. Blood, 2016, 127, 3253-3259.	1.4	37
98	The prion protein is an agonistic ligand of the G protein-coupled receptor Adgrg6. Nature, 2016, 536, 464-468.	27.8	169
99	Soluble Conformers of AÎ² and Tau Alter Selective Proteins Governing Axonal Transport. Journal of Neuroscience, 2016, 36, 9647-9658.	3.6	47
100	Cell Biology of Prions and Prionoids: A Status Report. Trends in Cell Biology, 2016, 26, 40-51.	7.9	113
101	A neuroprotective role for microglia in prion diseases. Journal of Cell Biology, 2016, 213, 2134OIA109.	5.2	1
102	Targeting the mTOR Complex by Everolimus in NRAS Mutant Neuroblastoma. PLoS ONE, 2016, 11, e0147682.	2.5	32
103	Neurotoxic Antibodies against the Prion Protein Do Not Trigger Prion Replication. PLoS ONE, 2016, 11, e0163601.	2.5	25
104	Differential Toxicity of Antibodies to the Prion Protein. PLoS Pathogens, 2016, 12, e1005401.	4.7	54
105	Amyloid-Î² pathology and cerebral amyloid angiopathy are frequent in iatrogenic Creutzfeldt-Jakob disease after dural grafting. Swiss Medical Weekly, 2016, 146, w14287.	1.6	89
106	Strictly co-isogenic C57BL/6J-Prnpâ^'/â^'mice: A rigorous resource for prion science. Journal of Cell Biology, 2016, 212, 2126OIA42.	5.2	0
107	PrP charge structure encodes interdomain interactions. Scientific Reports, 2015, 5, 13623.	3.3	20
108	Neurodegeneration and Unfolded-Protein Response in Mice Expressing a Membrane-Tethered Flexible Tail of PrP. PLoS ONE, 2015, 10, e0117412.	2.5	17

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109	Unaltered Prion Pathogenesis in a Mouse Model of High-Fat Diet-Induced Insulin Resistance. PLoS ONE, 2015, 10, e0144983.	2.5	14
110	Iatrogenic and sporadic Creutzfeldt-Jakob disease in 2 sisters without mutation in the prion protein gene. Prion, 2015, 9, 444-448.	1.8	4
111	Structure-based drug design identifies polythiophenes as antiprion compounds. Science Translational Medicine, 2015, 7, 299ra123.	12.4	130
112	Prion Infections and Anti-PrP Antibodies Trigger Converging Neurotoxic Pathways. PLoS Pathogens, 2015, 11, e1004662.	4.7	76
113	Triggering receptor expressed on myeloid cells-2 is involved in prion-induced microglial activation but does not contribute to prion pathogenesis in mouse brains. Neurobiology of Aging, 2015, 36, 1994-2003.	3.1	36
114	Altered Monoaminergic Systems and Depressive-like Behavior in Congenic Prion Protein Knock-out Mice. Journal of Biological Chemistry, 2015, 290, 26350.	3.4	5
115	In Vivo Longitudinal 1H MRS Study of Transgenic Mouse Models of Prion Disease in the Hippocampus and Cerebellum at 14.1ÂT. Neurochemical Research, 2015, 40, 2639-2646.	3.3	6
116	X-ray structural and molecular dynamical studies of the globular domains of cow, deer, elk and Syrian hamster prion proteins. Journal of Structural Biology, 2015, 192, 37-47.	2.8	19
117	Astrocyte Depletion Impairs Redox Homeostasis and Triggers Neuronal Loss in the Adult CNS. Cell Reports, 2015, 12, 1377-1384.	6.4	92
118	Prion Pathogenesis in the Absence of NLRP3/ASC Inflammasomes. PLoS ONE, 2015, 10, e0117208.	2.5	37
119	Scientific publishing in the times of open access. Swiss Medical Weekly, 2015, 145, w14118.	1.6	4
120	New and emerging roles of small RNAs in neurodegeneration, muscle, cardiovascular and inflammatory diseases. Swiss Medical Weekly, 2015, 145, w14192.	1.6	9
121	Authoring scientific papers: a perspective from the trenches. Swiss Medical Weekly, 2015, 145, w14107.	1.6	1
122	Prion Transmission Prevented by Modifying the Î²2-Î±2 Loop Structure of Host PrP^C. Journal of Neuroscience, 2014, 34, 1022-1027.	3.6	67
123	The Role of the NADPH Oxidase NOX2 in Prion Pathogenesis. PLoS Pathogens, 2014, 10, e1004531.	4.7	57
124	Structural Basis of Prion Inhibition by Phenothiazine Compounds. Structure, 2014, 22, 291-303.	3.3	63
125	Follicular dendritic cells: origin, phenotype, and function in health and disease. Trends in Immunology, 2014, 35, 105-113.	6.8	133
126	Singleâ€Molecule Imaging Reveals that Small Amyloidâ€Î²_{1â€“42} Oligomers Interact with the Cellular Prion Protein (PrP^C). ChemBioChem, 2014, 15, 2515-2521.	2.6	40

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127	Alzheimer's disease under strain. Nature, 2014, 512, 32-34.	27.8	32
128	The adaptor ASC has extracellular and 'prionoid' activities that propagate inflammation. Nature Immunology, 2014, 15, 727-737.	14.5	651
129	Mutations in the gene encoding PDGF-B cause brain calcifications in humans and mice. Nature Genetics, 2013, 45, 1077-1082.	21.4	273
130	The toxicity of antiprion antibodies is mediated by the flexible tail of the prion protein. Nature, 2013, 501, 102-106.	27.8	191
131	The immunobiology of prion diseases. Nature Reviews Immunology, 2013, 13, 888-902.	22.7	127
132	A Template for New Drugs against Alzheimerâ€™s Disease. Cell, 2013, 154, 1182-1184.	28.9	14
133	The crystal structure of an octapeptide repeat of the Prion protein in complex with a Fab fragment of the POM2 antibody. Protein Science, 2013, 22, 893-903.	7.6	8
134	Microglia: Scapegoat, Saboteur, or Something Else?. Science, 2013, 339, 156-161.	12.6	726
135	SIRPÎ± polymorphisms, but not the prion protein, control phagocytosis of apoptotic cells. Journal of Experimental Medicine, 2013, 210, 2539-2552.	8.5	67
136	Efficient Amyloid A Clearance in the Absence of Immunoglobulins and Complement Factors. American Journal of Pathology, 2013, 182, 1297-1307.	3.8	10
137	BSE-associated Prion-Amyloid Cardiomyopathy in Primates. Emerging Infectious Diseases, 2013, 19, 985-988.	4.3	10
138	Prions, prionoids and pathogenic proteins in Alzheimer disease. Prion, 2013, 7, 55-59.	1.8	81
139	Prions and lymphoid organs: Solved and remaining mysteries. Prion, 2013, 7, 157-163.	1.8	8
140	Lymphotoxin, but Not TNF, Is Required for Prion Invasion of Lymph Nodes. PLoS Pathogens, 2012, 8, e1002867.	4.7	13
141	Five Questions on Prion Diseases. PLoS Pathogens, 2012, 8, e1002651.	4.7	31
142	Prion Pathogenesis Is Faithfully Reproduced in Cerebellar Organotypic Slice Cultures. PLoS Pathogens, 2012, 8, e1002985.	4.7	71
143	Polythiophenes Inhibit Prion Propagation by Stabilizing Prion Protein (PrP) Aggregates. Journal of Biological Chemistry, 2012, 287, 18872-18887.	3.4	58
144	Genetic Depletion of Complement Receptors CD21/35 Prevents Terminal Prion Disease in a Mouse Model of Chronic Wasting Disease. Journal of Immunology, 2012, 189, 4520-4527.	0.8	30

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145	Cerebrospinal fluid biomarker supported diagnosis of Creutzfeldtâ€“Jakob disease and rapid dementias: a longitudinal multicentre study over 10 years. Brain, 2012, 135, 3051-3061.	7.6	135
146	Phenotypic Variation of Autosomal-Dominant Corticobasal Degeneration. European Neurology, 2012, 67, 142-150.	1.4	11
147	Microglial repopulation model reveals a robust homeostatic process for replacing CNS myeloid cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18150-18155.	7.1	210
148	The Complex PrP^c-Fyn Couples Human Oligomeric AÎ² with Pathological Tau Changes in Alzheimer's Disease. Journal of Neuroscience, 2012, 32, 16857-16871.	3.6	254
149	Multiple Substitutions of Methionine 129 in Human Prion Protein Reveal Its Importance in the Amyloid Fibrillation Pathway. Journal of Biological Chemistry, 2012, 287, 25975-25984.	3.4	19
150	Follicular Dendritic Cells Emerge from Ubiquitous Perivascular Precursors. Cell, 2012, 150, 194-206.	28.9	329
151	Lymphotoxin Î² Receptor Signaling Promotes Development of Autoimmune Pancreatitis. Gastroenterology, 2012, 143, 1361-1374.	1.3	45
152	Structural studies on the folded domain of the human prion protein bound to the Fab fragment of the antibody POM1. Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 1501-1512.	2.5	26
153	ZyFISH: A Simple, Rapid and Reliable Zygosity Assay for Transgenic Mice. PLoS ONE, 2012, 7, e37881.	2.5	6
154	Prion propagation, toxicity and degradation. Nature Neuroscience, 2012, 15, 936-939.	14.8	105
155	Endothelial CCR2 Signaling Induced by Colon Carcinoma Cells Enables Extravasation via the JAK2-Stat5 and p38MAPK Pathway. Cancer Cell, 2012, 22, 91-105.	16.8	256
156	Evaluation of OPEN Zinc Finger Nucleases for Direct Gene Targeting of the ROSA26 Locus in Mouse Embryos. PLoS ONE, 2012, 7, e41796.	2.5	34
157	Sheep with Scrapie and Mastitis Transmit Infectious Prions through the Milk. Journal of Virology, 2011, 85, 1136-1139.	3.4	54
158	The Strain-Encoded Relationship between PrPSc Replication, Stability and Processing in Neurons is Predictive of the Incubation Period of Disease. PLoS Pathogens, 2011, 7, e1001317.	4.7	102
159	Atypical Prion Protein Conformation in Familial Prion Disease with PRNP P105T Mutation. Brain Pathology, 2011, 21, 209-214.	4.1	20
160	Crystallization and preliminary X-ray diffraction analysis of prion protein bound to the Fab fragment of the POM1 antibody. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 1211-1213.	0.7	9
161	The Amyloidâ€“Congo Red Interface at Atomic Resolution. Angewandte Chemie - International Edition, 2011, 50, 5956-5960.	13.8	132
162	Aerosols. Prion, 2011, 5, 138-141.	1.8	8

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163	Spongiform Encephalopathy in Transgenic Mice Expressing a Point Mutation in the Î²2â€“Î±2 Loop of the Prion Protein. Journal of Neuroscience, 2011, 31, 13840-13847.	3.6	56
164	Globular Domain of the Prion Protein Needs to Be Unlocked by Domain Swapping to Support Prion Protein Conversion. Journal of Biological Chemistry, 2011, 286, 12149-12156.	3.4	89
165	Quantitative and Integrative Proteome Analysis of Peripheral Nerve Myelin Identifies Novel Myelin Proteins and Candidate Neuropathy Loci. Journal of Neuroscience, 2011, 31, 16369-16386.	3.6	164
166	Aerosols Transmit Prions to Immunocompetent and Immunodeficient Mice. PLoS Pathogens, 2011, 7, e1001257.	4.7	62
167	Microglial ablation and lipopolysaccharide preconditioning affects pilocarpine-induced seizures in mice. Neurobiology of Disease, 2010, 39, 85-97.	4.4	79
168	Prion protein and AÎ²â€•related synaptic toxicity impairment. EMBO Molecular Medicine, 2010, 2, 306-314.	6.9	234
169	Characterizing follicular dendritic cells: A progress report. European Journal of Immunology, 2010, 40, 2134-2138.	2.9	37
170	Axonal prion protein is required for peripheral myelin maintenance. Nature Neuroscience, 2010, 13, 310-318.	14.8	357
171	Protein aggregation diseases: pathogenicity and therapeutic perspectives. Nature Reviews Drug Discovery, 2010, 9, 237-248.	46.4	639
172	Unexpected Tolerance of Î±-Cleavage of the Prion Protein to Sequence Variations. PLoS ONE, 2010, 5, e9107.	2.5	45
173	Preclinical Deposition of Pathological Prion Protein in Muscle of Experimentally Infected Primates. PLoS ONE, 2010, 5, e13906.	2.5	19
174	Experimental Verification of a Traceback Phenomenon in Prion Infection. Journal of Virology, 2010, 84, 3230-3238.	3.4	61
175	Engulfment of cerebral apoptotic bodies controls the course of prion disease in a mouse strainâ€“dependent manner. Journal of Experimental Medicine, 2010, 207, 2271-2281.	8.5	115
176	Structural Typing of Systemic Amyloidoses by Luminescent-Conjugated Polymer Spectroscopy. American Journal of Pathology, 2010, 176, 563-574.	3.8	84
177	A molecular switch controls interspecies prion disease transmission in mice. Journal of Clinical Investigation, 2010, 120, 2590-2599.	8.2	124
178	Ablation of Dicer from Murine Schwann Cells Increases Their Proliferation while Blocking Myelination. PLoS ONE, 2010, 5, e12450.	2.5	69
179	Efficient Generation of Multipotent Mesenchymal Stem Cells from Umbilical Cord Blood in Stroma-Free Liquid Culture. PLoS ONE, 2010, 5, e15689.	2.5	23
180	Engulfment of cerebral apoptotic bodies controls the course of prion disease in a mouse strainâ€“dependent manner. Journal of Cell Biology, 2010, 190, i15-i15.	5.2	0

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181	The Comprehensive Native Interactome of a Fully Functional Tagged Prion Protein. PLoS ONE, 2009, 4, e4446.	2.5	69
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