Gianluigi Zanusso

List of Publications by Year in Descending Order

130 papers	4,872 citations	38 h-index	65 g-index
139 ext. papers	5,847 ext. citations	7.2 avg, IF	5.23 L-index

#	Paper	IF	Citations
130	Validation of Revised International Creutzfeldt-Jakob Disease Surveillance Network Diagnostic Criteria for Sporadic Creutzfeldt-Jakob Disease.. *JAMA Network Open*, **2022**, 5, e2146319	10.4	3
129	PMCA-Based Detection of Prions in the Olfactory Mucosa of Patients With Sporadic Creutzfeldt-Jakob Disease.. *Frontiers in Aging Neuroscience*, **2022**, 14, 848991	5.3	0
128	Evidence of SARS-CoV-2 in nasal brushings and olfactory mucosa biopsies of COVID-19 patients.. *PLoS ONE*, **2022**, 17, e0266740	3.7	0
127	Serpin Signatures in Prion and Alzheimer's Diseases.. *Molecular Neurobiology*, **2022**, 1	6.2	1
126	More Atypical than Atypical Alzheimer's Disease Phenotypes: A Treviso Dementia (TREDEM) Registry Case Report. *Journal of Alzheimer's Disease Reports*, **2021**, 5, 365-374	3.3	0
125	Encephalitis during first year of SARS-COV-2 pandemic: first results of the European ENCOVID registry. *Journal of the Neurological Sciences*, **2021**, 429, 117803	3.2	78
124	Persistent chemosensory dysfunction in a young patient with mild COVID-19 with partial recovery 15 months after the onset. *Neurological Sciences*, **2021**, 1	3.5	3
123	Alpha-synuclein seeds in olfactory mucosa and cerebrospinal fluid of patients with dementia with Lewy bodies. *Brain Communications*, **2021**, 3, fcab045	4.5	11
122	Human cerebral organoids as a therapeutic drug screening model for Creutzfeldt-Jakob disease. *Scientific Reports*, **2021**, 11, 5165	4.9	17
121	Biomarkers and diagnostic guidelines for sporadic Creutzfeldt-Jakob disease. *Lancet Neurology, The* , **2021**, 20, 235-246	24.1	47
120	Alpha-synuclein seeds in olfactory mucosa of patients with isolated REM sleep behaviour disorder. *Brain*, **2021**, 144, 1118-1126	11.2	26
119	Clinical Presentation and Outcomes of Severe Acute Respiratory Syndrome Coronavirus 2-Related Encephalitis: The ENCOVID Multicenter Study. *Journal of Infectious Diseases*, **2021**, 223, 28-37	7	49
118	COVID-19 impact on consecutive neurological patients admitted to the emergency department. *Journal of Neurology, Neurosurgery and Psychiatry*, **2021**, 92, 218-220	5.5	17
117	Hypothalamic-Bulbar MRI Hyperintensity in Anti-IgLON5 Disease with Serum-Restricted Antibodies: A Case Report and Systematic Review of Literature. *Journal of Alzheimer's Disease*, **2021**, 79, 683-691	4.3	2
116	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Encephalitis Is a Cytokine Release Syndrome: Evidences From Cerebrospinal Fluid Analyses. *Clinical Infectious Diseases*, **2021**, 73, e3019-e3026	11.6	50
115	Anti-Cholinergic Derangement of Cortical Metabolism on 18F-FDG PET in a Patient with Frontotemporal Lobar Degeneration Dementia: A Case of the TREDEM Registry. *Journal of Alzheimer's Disease*, **2020**, 74, 1107-1117	4.3	0
114	Transmission characteristics of heterozygous cases of Creutzfeldt-Jakob disease with variable abnormal prion protein allotypes. *Acta Neuropathologica Communications*, **2020**, 8, 83	7.3	2

113	Transmission of CJD from nasal brushings but not spinal fluid or RT-QuIC product. *Annals of Clinical and Translational Neurology*, **2020**, 7, 932-944	5.3	13
112	Neurodegeneration-Associated Proteins in Human Olfactory Neurons Collected by Nasal Brushing. *Frontiers in Neuroscience*, **2020**, 14, 145	5.1	16
111	A single ultrasensitive assay for detection and discrimination of tau aggregates of Alzheimer and Pick diseases. *Acta Neuropathologica Communications*, **2020**, 8, 22	7.3	24
110	High Diagnostic Accuracy of RT-QuIC Assay in a Prospective Study of Patients with Suspected sCJD. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	18
109	Myelin uncompaction and axo-glial detachment in chronic ataxic neuropathy with monospecific IgM antibody to ganglioside GD1b. *Journal of the Peripheral Nervous System*, **2020**, 25, 54-59	4.7	1
108	Ring trial of 2nd generation RT-QuIC diagnostic tests for sporadic CJD. *Annals of Clinical and Translational Neurology*, **2020**, 7, 2262-2271	5.3	12
107	4-Repeat tau seeds and templating subtypes as brain and CSF biomarkers of frontotemporal lobar degeneration. *Acta Neuropathologica*, **2020**, 139, 63-77	14.3	49
106	□Synuclein RT-QuIC assay in cerebrospinal fluid of patients with dementia with Lewy bodies. *Annals of Clinical and Translational Neurology*, **2019**, 6, 2120-2126	5.3	42
105	Million-fold sensitivity enhancement in proteopathic seed amplification assays for biospecimens by Hofmeister ion comparisons. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 23029-23039	11.5	33
104	Sporadic Creutzfeldt-Jakob disease prion infection of human cerebral organoids. *Acta Neuropathologica Communications*, **2019**, 7, 90	7.3	44
103	Serum and CSF neurofilament light chain levels in antibody-mediated encephalitis. *Journal of Neurology*, **2019**, 266, 1643-1648	5.5	28
102	HIV-1 detection in the olfactory mucosa of HIV-1-infected participants. *Aids*, **2019**, 33, 665-674	3.5	2
101	Seeding selectivity and ultrasensitive detection of tau aggregate conformers of Alzheimer disease. *Acta Neuropathologica*, **2019**, 137, 585-598	14.3	54
100	Levofloxacin-induced hemichorea-hemiballism in a patient with previous thalamic infarction. *Neurological Sciences*, **2018**, 39, 1483-1485	3.5	2
99	Rapid and ultra-sensitive quantitation of disease-associated □synuclein seeds in brain and cerebrospinal fluid by □Syn RT-QuIC. *Acta Neuropathologica Communications*, **2018**, 6, 7	7.3	140
98	Hemoglobin mRNA Changes in the Frontal Cortex of Patients with Neurodegenerative Diseases. *Frontiers in Neuroscience*, **2018**, 12, 8	5.1	17
97	Rac1 activation links tau hyperphosphorylation and A□dysmetabolism in Alzheimer□s disease. *Acta Neuropathologica Communications*, **2018**, 6, 61	7.3	27
96	Dominantly inherited prion protein cerebral amyloidoses - a modern view of Gerstmann-Str□ssler-Scheinker. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2018**, 153, 243-269	3	22

95	Prion protein amplification techniques. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2018**, 153, 357-370	3	18
94	Reappraisal of Aβ40 and Aβ42 Peptides Measurements in Cerebrospinal Fluid of Patients with Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2018**, 66, 219-227	4.3	5
93	Sporadic Creutzfeldt-Jakob disease presenting with isolated progressive non-fluent aphasia in a young woman. *Neurological Sciences*, **2017**, 38, 1535-1537	3.5	3
92	Microglial and Neuronal TDP-43 Pathology in Anti-IgLON5-Related Tauopathy. *Journal of Alzheimer's Disease*, **2017**, 59, 13-20	4.3	28
91	Detection of prion seeding activity in the olfactory mucosa of patients with Fatal Familial Insomnia. *Scientific Reports*, **2017**, 7, 46269	4.9	32
90	Ultrasensitive and selective detection of 3-repeat tau seeding activity in Pick disease brain and cerebrospinal fluid. *Acta Neuropathologica*, **2017**, 133, 751-765	14.3	74
89	Prion Strain Characterization of a Novel Subtype of Creutzfeldt-Jakob Disease. *Journal of Virology*, **2017**, 91,	6.6	12
88	Extended and direct evaluation of RT-QuIC assays for Creutzfeldt-Jakob disease diagnosis. *Annals of Clinical and Translational Neurology*, **2017**, 4, 139-144	5.3	57
87	Diagnosis of Human Prion Disease Using Real-Time Quaking-Induced Conversion Testing of Olfactory Mucosa and Cerebrospinal Fluid Samples. *JAMA Neurology*, **2017**, 74, 155-162	17.2	136
86	Biochemical Characterization of Prions. *Progress in Molecular Biology and Translational Science*, **2017**, 150, 389-407	4	6
85	Detection and Diagnosis of Prion Diseases Using RT-QuIC: An Update. *Neuromethods*, **2017**, 173-181	0.4	1
84	Pathogenesis and Transmission of Classical and Atypical BSE in Cattle. *Food Safety (Tokyo, Japan)*, **2016**, 4, 130-134	2.1	4
83	Characterization of Amyloid-β Deposits in Bovine Brains. *Journal of Alzheimer's Disease*, **2016**, 51, 875-87	4.3	6
82	Inactivation of Prions and Amyloid Seeds with Hypochlorous Acid. *PLoS Pathogens*, **2016**, 12, e1005914	7.6	38
81	The Distribution of Prion Protein Allotypes Differs Between Sporadic and Iatrogenic Creutzfeldt-Jakob Disease Patients. *PLoS Pathogens*, **2016**, 12, e1005416	7.6	11
80	Advanced tests for early and accurate diagnosis of Creutzfeldt-Jakob disease. *Nature Reviews Neurology*, **2016**, 12, 325-33	15	81
79	Relative Abundance of apoE and Aβ1-42 Associated with Abnormal Prion Protein Differs between Creutzfeldt-Jakob Disease Subtypes. *Journal of Proteome Research*, **2016**, 15, 4518-4531	5.6	2
78	Long-term preclinical magnetic resonance imaging alterations in sporadic Creutzfeldt-Jakob disease. *Annals of Neurology*, **2016**, 80, 629-32	9.4	14

77	Hepatitis C virus-associated neurocognitive and neuropsychiatric disorders: Advances in 2015. *World Journal of Gastroenterology*, **2015**, 21, 11974-83	5.6	66
76	Sporadic Creutzfeldt-Jakob Disease: Prion Pathology in Medulla Oblongata-Possible Routes of Infection and Host Susceptibility. *BioMed Research International*, **2015**, 2015, 396791	3	3
75	Rapid and sensitive RT-QuIC detection of human Creutzfeldt-Jakob disease using cerebrospinal fluid. *MBio*, **2015**, 6,	7.8	149
74	Detection and discrimination of classical and atypical L-type bovine spongiform encephalopathy by real-time quaking-induced conversion. *Journal of Clinical Microbiology*, **2015**, 53, 1115-20	9.7	47
73	A test for Creutzfeldt-Jakob disease using nasal brushings. *New England Journal of Medicine*, **2014**, 371, 519-29	59.2	227
72	Review of West Nile virus epidemiology in Italy and report of a case of West Nile virus encephalitis. *Journal of NeuroVirology*, **2014**, 20, 437-41	3.9	9
71	Gerstmann-Str□ssler-Scheinker disease and "anchorless prion protein" mice share prion conformational properties diverging from sporadic Creutzfeldt-Jakob disease. *Journal of Biological Chemistry*, **2014**, 289, 4870-81	5.4	14
70	A test for Creutzfeldt-Jakob disease using nasal brushings. *New England Journal of Medicine*, **2014**, 371, 1842-3	59.2	19
69	Neurosyphilis manifesting with rapidly progressive dementia: report of three cases. *Neurological Sciences*, **2013**, 34, 2027-30	3.5	20
68	Cauda equina syndrome caused by lumbosacral epidural lipomatosis. A case report. *Clinical Neurology and Neurosurgery*, **2013**, 115, 1549-51	2	6
67	A randomized controlled trial of IV immunoglobulin in patients with postpolio syndrome. *Journal of the Neurological Sciences*, **2013**, 330, 94-9	3.2	14
66	Clinical and biomarker assessment of demyelinating events suggesting multiple sclerosis. *Acta Neurologica Scandinavica*, **2013**, 128, 336-44	3.8	4
65	Accuracy of diagnostic criteria for sporadic creutzfeldt-jakob disease among rapidly progressive dementia. *Journal of Alzheimerʼs Disease*, **2013**, 34, 231-8	4.3	16
64	Increased glutaminyl cyclase expression in peripheral blood of Alzheimerʼs disease patients. *Journal of Alzheimerʼs Disease*, **2013**, 34, 263-71	4.3	16
63	Bovine Spongiform Encephalopathy **2013**, 1-13		
62	Infectivity in skeletal muscle of cattle with atypical bovine spongiform encephalopathy. *PLoS ONE*, **2012**, 7, e31449	3.7	17
61	HCV-related nervous system disorders. *Clinical and Developmental Immunology*, **2012**, 2012, 236148		65
60	Penetration of Infectious Prion Protein in the Intestine During the Lactation Period. *Mini-Reviews in Organic Chemistry*, **2012**, 9, 27-30	1.7	1

59	Allelic origin of protease-sensitive and protease-resistant prion protein isoforms in Gerstmann-Str□ssler-Scheinker disease with the P102L mutation. *PLoS ONE*, **2012**, 7, e32382	3.7	17
58	Are cerebrospinal fluid biomarkers useful in predicting the prognosis of multiple sclerosis patients?. *International Journal of Molecular Sciences*, **2011**, 12, 7960-70	6.3	14
57	Cerebrospinal fluid markers in sporadic Creutzfeldt-Jakob disease. *International Journal of Molecular Sciences*, **2011**, 12, 6281-92	6.3	31
56	Specific and Surrogate Cerebrospinal Fluid Markers in Creutzfeldt□Jakob Disease. *Advances in Neurobiology*, **2011**, 455-467	2.1	2
55	Assessment of outcome predictors in first-episode acute myelitis: a retrospective study of 53 cases. *Archives of Neurology*, **2010**, 67, 724-30		28
54	Progressive multifocal leukoencephalopathy in a patient with Good□s syndrome. *International Journal of Infectious Diseases*, **2010**, 14, e444-7	10.5	15
53	The oldest old Creutzfeldt-Jakob disease case. *Journal of Neurology, Neurosurgery and Psychiatry*, **2009**, 80, 1140-2	5.5	4
52	Neuroinvasion of the 263K scrapie strain after intranasal administration occurs through olfactory-unrelated pathways. *Acta Neuropathologica*, **2009**, 117, 175-84	14.3	22
51	Different prion conformers target the olfactory pathway in sporadic Creutzfeldt-Jakob disease. *Annals of the New York Academy of Sciences*, **2009**, 1170, 637-43	6.5	6
50	Distinct immunohistochemical localization in Kuru plaques using novel anti-prion protein antibodies. *Microbiology and Immunology*, **2008**, 52, 25-9	2.7	1
49	Detection of proteinase K resistant proteins in the urine of patients with Creutzfeldt-Jakob and other neurodegenerative diseases. *Prion*, **2008**, 2, 170-8	2.3	6
48	Evaluation of the human transmission risk of an atypical bovine spongiform encephalopathy prion strain. *Journal of Virology*, **2008**, 82, 3697-701	6.6	127
47	Intraspecies transmission of BASE induces clinical dullness and amyotrophic changes. *PLoS Pathogens*, **2008**, 4, e1000075	7.6	68
46	Atypical BSE (BASE) transmitted from asymptomatic aging cattle to a primate. *PLoS ONE*, **2008**, 3, e3017	3.7	109
45	Cerebrospinal fluid biomarkers in clinically isolated syndromes and multiple sclerosis. *Proteomics - Clinical Applications*, **2007**, 1, 963-71	3.1	15
44	Conversion of the BASE prion strain into the BSE strain: the origin of BSE?. *PLoS Pathogens*, **2007**, 3, e31	7.6	129
43	Association of a presenilin 1 S170F mutation with a novel Alzheimer disease molecular phenotype. *Archives of Neurology*, **2007**, 64, 738-45		39
42	Novel prion protein conformation and glycotype in Creutzfeldt-Jakob disease. *Archives of Neurology*, **2007**, 64, 595-9		24

41	Virology of the post-polio syndrome. *Future Virology*, **2007**, 2, 183-192	2.4	8
40	Post-polio syndrome: clinical manifestations and cerebrospinal fluid markers. *Future Neurology*, **2007**, 2, 451-463	1.5	4
39	Should MRI signs be included in the diagnostic criteria for sporadic Creutzfeldt-Jakob disease?. *Nature Clinical Practice Neurology*, **2006**, 2, 68-9		0
38	Cerebral amyloidoses: molecular pathways and therapeutic challenges. *Current Medicinal Chemistry*, **2006**, 13, 1903-13	4.3	16
37	Detection of CSF 14-3-3 protein in Guillain-Barr syndrome. *Neurology*, **2006**, 67, 2211-6	6.5	24
36	On the question of sporadic or atypical bovine spongiform encephalopathy and Creutzfeldt-Jakob disease. *Emerging Infectious Diseases*, **2006**, 12, 1816-21	10.2	48
35	Searching for markers of Creutzfeldt-Jakob disease in cerebrospinal fluid by two-dimensional mapping. *Proteomics*, **2006**, 6 Suppl 1, S256-61	4.8	35
34	A 49-year-old man with neuropsychiatric symptoms followed by progressive cognitive decline. *Brain Pathology*, **2006**, 16, 237-8	6	1
33	Molecular mechanisms of human prion diseases. *Drug Discovery Today Disease Mechanisms*, **2005**, 2, 511-518		6
32	Proteome analysis in the clinical chemistry laboratory: myth or reality?. *Clinica Chimica Acta*, **2005**, 357, 123-39	6.2	89
31	Analysis of mammalian scrapie protein by novel monoclonal antibodies recognizing distinct prion protein glycoforms: an immunoblot and immunohistochemical study at the light and electron microscopic levels. *Brain Research Bulletin*, **2005**, 65, 155-62	3.9	15
30	Immunoaffinity reactors for prion protein qualitative analysis. *Proteomics*, **2005**, 5, 639-47	4.8	17
29	Phosphorylated 14-3-3zeta protein in the CSF of neuroleptic-treated patients. *Neurology*, **2005**, 64, 1618-20	6.9	22
28	Identification of a second bovine amyloidotic spongiform encephalopathy: molecular similarities with sporadic Creutzfeldt-Jakob disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 3065-70	11.5	338
27	Identification of distinct N-terminal truncated forms of prion protein in different Creutzfeldt-Jakob disease subtypes. *Journal of Biological Chemistry*, **2004**, 279, 38936-42	5.4	65
26	Prion deposition in olfactory biopsy of sporadic Creutzfeldt-Jakob disease. *Annals of Neurology*, **2004**, 55, 294-6	9.4	49
25	Treatment of inflammatory and paraproteinemic neuropathies. *Current Drug Targets Immune, Endocrine and Metabolic Disorders*, **2004**, 4, 141-8		13
24	Molecular analysis of iatrogenic scrapie in Italy. *Journal of General Virology*, **2003**, 84, 1047-1052	4.9	14

23	Detection of pathologic prion protein in the olfactory epithelium in sporadic Creutzfeldt-Jakob disease. *New England Journal of Medicine*, **2003**, 348, 711-9	59.2	125
22	Clearance of 14-3-3 protein from cerebrospinal fluid heralds the resolution of bacterial meningitis. *Clinical Infectious Diseases*, **2003**, 36, 1492-5	11.6	17
21	The proteome: anno Domini 2002. *Clinical Chemistry and Laboratory Medicine*, **2003**, 41, 425-38	5.9	22
20	Comparative two-dimensional mapping of prion protein isoforms in human cerebrospinal fluid and central nervous system. *Electrophoresis*, **2002**, 23, 339-46	3.6	33
19	Two-dimensional mapping of three phenotype-associated isoforms of the prion protein in sporadic Creutzfeldt-Jakob disease. *Electrophoresis*, **2002**, 23, 347-55	3.6	38
18	Enhanced expression of NGF receptors in multiple sclerosis lesions. *Journal of Neuropathology and Experimental Neurology*, **2002**, 61, 91-8	3.1	31
17	Increased expression of the normal cellular isoform of prion protein in inclusion-body myositis, inflammatory myopathies and denervation atrophy. *Brain Pathology*, **2001**, 11, 182-9	6	32
16	Rapidly progressive dementia in hypereosinophilic syndrome. *European Journal of Neurology*, **2001**, 8, 279-80	6	9
15	The expression and potential function of cellular prion protein in human lymphocytes. *Cellular Immunology*, **2001**, 207, 49-58	4.4	83
14	pH-dependent prion protein conformation in classical Creutzfeldt-Jakob disease. *Journal of Biological Chemistry*, **2001**, 276, 40377-80	5.4	41
13	Corticobasal degeneration shares a common genetic background with progressive supranuclear palsy. *Annals of Neurology*, **2000**, 47, 374-377	9.4	206
12	The chaperone protein BiP binds to a mutant prion protein and mediates its degradation by the proteasome. *Journal of Biological Chemistry*, **2000**, 275, 38699-704	5.4	134
11	Tumor necrosis factor alpha and human Schwann cells: signalling and phenotype modulation without cell death. *Journal of Neuropathology and Experimental Neurology*, **2000**, 59, 74-84	3.1	30
10	Proteasomal degradation and N-terminal protease resistance of the codon 145 mutant prion protein. *Journal of Biological Chemistry*, **1999**, 274, 23396-404	5.4	133
9	Simultaneous occurrence of spongiform encephalopathy in a man and his cat in Italy. *Lancet, The*, **1998**, 352, 1116-7	40	26
8	HIV-associated PML presenting as epilepsia partialis continua. *Journal of the Neurological Sciences*, **1998**, 161, 180-4	3.2	13
7	Prion protein expression in different species: analysis with a panel of new mAbs. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 8812-6	11.5	168
6	Prion protein aggregation reverted by low temperature in transfected cells carrying a prion protein gene mutation. *Journal of Biological Chemistry*, **1997**, 272, 28461-70	5.4	76

5	T-cell-mediated epineurial vasculitis and humoral-mediated microangiopathy in cryoglobulinemic neuropathy. *Journal of Neuroimmunology*, **1997**, 73, 145-54	3.5	52
4	Experimental induction of myelin changes by anti-MAG antibodies and terminal complement complex. *Journal of Neuropathology and Experimental Neurology*, **1995**, 54, 96-104	3.1	39
3	Increased serum levels of ICAM-1, ELAM-1 and TNF-alpha in inflammatory disorders of the peripheral nervous system. *Italian Journal of Neurological Sciences*, **1994**, 15, 267-71		11
2	Human peripheral nerve macrophages in normal and pathological conditions. *Journal of the Neurological Sciences*, **1993**, 118, 158-68	3.2	38
1	Complement neoantigen and vitronectin are components of plaques in amyloid AL neuropathy. *Italian Journal of Neurological Sciences*, **1992**, 13, 493-9		6