

# Massimo Pieri

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

2,118  
citations

185998

28  
h-index

264894

42  
g-index

83  
all docs

83  
docs citations

83  
times ranked

3129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased persistent sodium current determines cortical hyperexcitability in a genetic model of amyotrophic lateral sclerosis. <i>Experimental Neurology</i> , 2009, 215, 368-379.	2.0	127
2	Altered excitability of motor neurons in a transgenic mouse model of familial amyotrophic lateral sclerosis. <i>Neuroscience Letters</i> , 2003, 351, 153-156.	1.0	121
3	Enhancement of learning and memory after activation of cerebral Rho GTPases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 636-641.	3.3	118
4	The WHO International Standard for COVID-19 serological tests: towards harmonization of anti-spike assays. <i>International Immunopharmacology</i> , 2021, 100, 108095.	1.7	90
5	Altered Functionality, Morphology, and Vesicular Glutamate Transporter Expression of Cortical Motor Neurons from a Presymptomatic Mouse Model of Amyotrophic Lateral Sclerosis. <i>Cerebral Cortex</i> , 2016, 26, 1512-1528.	1.6	82
6	Modulation of AMPA Receptors in Cultured Cortical Neurons Induced by the Antiepileptic Drug Levetiracetam. <i>Epilepsia</i> , 2007, 48, 654-662.	2.6	76
7	Anti-Inflammatory and Active Biological Properties of the Plant-Derived Bioactive Compounds Luteolin and Luteolin 7-Glucoside. <i>Nutrients</i> , 2022, 14, 1155.	1.7	71
8	Determination of kFLC and K Index in cerebrospinal fluid: A valid alternative to assess intrathecal immunoglobulin synthesis. <i>Journal of Neuroimmunology</i> , 2013, 263, 116-120.	1.1	66
9	SARS-CoV-2 infection serology: a useful tool to overcome lockdown?. <i>Cell Death Discovery</i> , 2020, 6, 38.	2.0	65
10	Brivaracetam (ucb 34714) inhibits Na <sup>+</sup> current in rat cortical neurons in culture. <i>Epilepsy Research</i> , 2010, 88, 46-54.	0.8	64
11	The COVID-19 pandemic: viral variants and vaccine efficacy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2022, 59, 66-75.	2.7	61
12	Modulation of AMPA receptors in spinal motor neurons by the neuroprotective agent riluzole. <i>Journal of Neuroscience Research</i> , 2004, 78, 200-207.	1.3	54
13	Voltage-Dependent Sodium Channels in Spinal Cord Motor Neurons Display Rapid Recovery From Fast Inactivation in a Mouse Model of Amyotrophic Lateral Sclerosis. <i>Journal of Neurophysiology</i> , 2006, 96, 3314-3322.	0.9	51
14	Performance of a rapid antigen test in the diagnosis of SARS-CoV-2 infection. <i>Journal of Medical Virology</i> , 2021, 93, 2988-2991.	2.5	51
15	Altered calcium homeostasis in motor neurons following AMPA receptor but not voltage-dependent calcium channels activation in a genetic model of amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2007, 28, 90-100.	2.1	47
16	Over-expression of N-type calcium channels in cortical neurons from a mouse model of Amyotrophic Lateral Sclerosis. <i>Experimental Neurology</i> , 2013, 247, 349-358.	2.0	45
17	Anti-Inflammatory and Proliferative Properties of Luteolin-7-O-Glucoside. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1321.	1.8	44
18	MicroRNA-92 modulates K(+) Cl(âˆ’âˆ’) co-transporter KCC2 expression in cerebellar granule neurons. <i>Journal of Neurochemistry</i> , 2010, 113, 591-600.	2.1	42

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19	Substance P provides neuroprotection in cerebellar granule cells through Akt and MAPK/Erk activation: Evidence for the involvement of the delayed rectifier potassium current. <i>Neuropharmacology</i> , 2007, 52, 1366-1377.	2.0	41
20	SP protects cerebellar granule cells against $\beta^2$ -amyloid-induced apoptosis by down-regulation and reduced activity of Kv4 potassium channels. <i>Neuropharmacology</i> , 2010, 58, 268-276.	2.0	41
21	miR-34a regulates cell proliferation, morphology and function of newborn neurons resulting in improved behavioural outcomes. <i>Cell Death and Disease</i> , 2015, 6, e1622-e1622.	2.7	41
22	Low Vitamin D Status at Admission as a Risk Factor for Poor Survival in Hospitalized Patients With COVID-19: An Italian Retrospective Study. <i>Journal of the American College of Nutrition</i> , 2022, 41, 250-265.	1.1	41
23	GABA <sub>A</sub> receptors present higher affinity and modified subunit composition in spinal motor neurons from a genetic model of amyotrophic lateral sclerosis. <i>European Journal of Neuroscience</i> , 2008, 28, 1275-1285.	1.2	37
24	Increased levels of p70S6 phosphorylation in the G93A mouse model of Amyotrophic Lateral Sclerosis and in valine-exposed cortical neurons in culture. <i>Experimental Neurology</i> , 2010, 226, 218-230.	2.0	37
25	Exposure to 50 Hz electromagnetic radiation promote early maturation and differentiation in newborn rat cerebellar granule neurons. <i>Journal of Cellular Physiology</i> , 2005, 204, 532-538.	2.0	34
26	$\beta$ -amino-3-hydroxy-5-methyl-isoxazole-4-propionate receptors in spinal cord motor neurons are altered in transgenic mice overexpressing human Cu,Zn superoxide dismutase (Gly93 $\rightarrow$ Ala) mutation. <i>Neuroscience</i> , 2003, 122, 47-58.	1.1	33
27	KFLC Index utility in multiple sclerosis diagnosis: Further confirmation. <i>Journal of Neuroimmunology</i> , 2017, 309, 31-33.	1.1	31
28	Downregulation of thymosin $\beta^4$ in neural progenitor grafts promotes spinal cord regeneration. <i>Journal of Cell Science</i> , 2009, 122, 4195-4207.	1.2	29
29	Substance P receptor activation induces downregulation of the AMPA receptor functionality in cortical neurons from a genetic model of Amyotrophic Lateral Sclerosis. <i>Neurobiology of Disease</i> , 2011, 44, 92-101.	2.1	27
30	Therapeutic effects of the Rho GTPase modulator CNF1 in a model of Parkinson's disease. <i>Neuropharmacology</i> , 2016, 109, 357-365.	2.0	25
31	Serum Amyloid A Protein as a useful biomarker to predict COVID-19 patients severity and prognosis. <i>International Immunopharmacology</i> , 2021, 95, 107512.	1.7	23
32	Combined anti-SARS-CoV-2 IgA, IgG, and IgM Detection as a Better Strategy to Prevent Second Infection Spreading Waves. <i>Immunological Investigations</i> , 2022, 51, 233-245.	1.0	21
33	Serological anti-SARS-CoV-2 neutralizing antibodies association to live virus neutralizing test titers in COVID-19 paucisymptomatic/symptomatic patients and vaccinated subjects. <i>International Immunopharmacology</i> , 2021, 101, 108215.	1.7	20
34	The Effects of Reduced Physical Activity on the Lipid Profile in Patients with High Cardiovascular Risk during COVID-19 Lockdown. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8858.	1.2	18
35	SARS-CoV-2 infection serology validation of different methods: Usefulness of IgA in the early phase of infection. <i>Clinica Chimica Acta</i> , 2020, 511, 28-32.	0.5	18
36	Effects of the synthetic cannabinoid nabilone on spatial learning and hippocampal neurotransmission. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 75, 585-591.	1.3	17

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37	Involvement of the Chemokine Prokineticin-2 (PROK2) in Alzheimer's Disease: From Animal Models to the Human Pathology. <i>Cells</i> , 2019, 8, 1430.	1.8	17
38	Bromelain Degrades A $\beta$ 1-42 Monomers and Soluble Aggregates: An In Vitro Study in Cerebrospinal Fluid of Alzheimer's Disease Patients. <i>Current Alzheimer Research</i> , 2018, 15, 628-636.	0.7	17
39	Performances of Capillary Electrophoresis and HPLC Methods in HbA <sub>1c</sub> Determination: Diagnostic Accuracy in HbS and HbD $\epsilon$ Variants' Presence. <i>Journal of Clinical Laboratory Analysis</i> , 2015, 29, 57-60.	0.9	16
40	Levamisole in Illicit Trafficking Cocaine Seized: A One-Year Study. <i>Journal of Psychoactive Drugs</i> , 2017, 49, 408-412.	1.0	15
41	Increase of Prokineticin-2 in Serum of Patients with Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 1031-1033.	2.2	15
42	Evaluation of serological anti-SARS-CoV-2 chemiluminescent immunoassays correlated to live virus neutralization test, for the detection of anti-RBD antibodies as a relevant alternative in COVID-19 large-scale neutralizing activity monitoring. <i>Clinical Immunology</i> , 2022, 234, 108918.	1.4	15
43	Dynamic NAD(P)H post-synaptic autofluorescence signals for the assessment of mitochondrial function in a neurodegenerative disease: Monitoring the primary motor cortex of G93A mice, an amyotrophic lateral sclerosis model. <i>Mitochondrion</i> , 2010, 10, 108-114.	1.6	14
44	Reference intervals for HbA <sub>1c</sub> partitioned for gender and age: a multicenter study. <i>Acta Diabetologica</i> , 2016, 53, 1053-1056.	1.2	14
45	Clinical validation of a second generation anti-SARS-CoV-2 IgG and IgM automated chemiluminescent immunoassay. <i>Journal of Medical Virology</i> , 2021, 93, 2523-2528.	2.5	12
46	Artificial Neural Network for Total Laboratory Automation to Improve the Management of Sample Dilution: Smart Automation for Clinical Laboratory Timeliness. <i>SLAS Technology</i> , 2017, 22, 44-49.	1.0	11
47	Monocyte Chemoattractant Protein-1 upregulates GABA-induced current: Evidence of modified GABA <sub>A</sub> subunit composition in cortical neurons from the G93A mouse model of Amyotrophic Lateral Sclerosis. <i>Neuropharmacology</i> , 2013, 73, 247-260.	2.0	10
48	The Influence of Vitamin D on Neurodegeneration and Neurological Disorders: A Rationale for its Physio-pathological Actions. <i>Current Pharmaceutical Design</i> , 2020, 26, 2475-2491.	0.9	10
49	EFFECTS OF SIMULATED MICROGRAVITY ON THE DEVELOPMENT AND MATURATION OF DISSOCIATED CORTICAL NEURONS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2004, 40, 159.	0.7	9
50	AMPA Receptors Are Modulated by Tachykinins in Rat Cerebellum Neurons. <i>Journal of Neurophysiology</i> , 2005, 94, 2484-2490.	0.9	9
51	The miR-133a, TPM4 and TAp63 $\beta$ Role in Myocyte Differentiation Microfilament Remodelling and Colon Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9818.	1.8	8
52	Tau and Amyloid- $\beta$ Peptides in Serum of Patients With Parkinson's Disease: Correlations With CSF Levels and Clinical Parameters. <i>Frontiers in Neurology</i> , 2022, 13, 748599.	1.1	8
53	Complex behavioral and synaptic effects of dietary branched chain amino acids in a mouse model of amyotrophic lateral sclerosis. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 541-552.	1.5	7
54	Influence of dialysis techniques and alternate vitamin supplementation on homocysteine levels in patients with known MTHFR genotypes. <i>Clinical and Experimental Nephrology</i> , 2015, 19, 140-145.	0.7	7

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55	Serum free light chains in patients with ST elevation myocardial infarction (STEMI): A possible correlation with left ventricle dysfunction. <i>International Journal of Cardiology</i> , 2019, 292, 32-34.	0.8	7
56	Evaluation of a new simultaneous anti-SARS-CoV-2 IgA, IgM and IgG screening automated assay based on native inactivated virus. <i>International Immunopharmacology</i> , 2021, 92, 107330.	1.7	7
57	Evaluation of S-RBD and high specificity ACE-2-binding antibodies on SARS-CoV-2 patients after six months from infection. <i>International Immunopharmacology</i> , 2021, 99, 108013.	1.7	7
58	Antibody response to COVID-19 vaccine: A point of view that can help to optimize dose distribution. <i>International Immunopharmacology</i> , 2022, 102, 108406.	1.7	7
59	Gene Expression Profiles of APP and BACE1 in Tg SOD1G93A Cortical Cells. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 635-641.	1.7	6
60	Smart management of sample dilution using an artificial neural network to achieve streamlined processes and saving resources: the automated nephelometric testing of serum free light chain as case study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 231-236.	1.4	6
61	Minimal tumour burden in haematological diseases: a step forward with quantitative assessment of Bence-Jones in nephelometry?. <i>British Journal of Haematology</i> , 2016, 175, 733-735.	1.2	5
62	Evaluation of the Diesse Cube 30 touch erythrocyte sedimentation method in comparison with Alifax test 1 and the manual Westergren gold standard method. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2021, 81, 181-186.	0.6	5
63	Bacterial Infection Diagnosis and Antibiotic Prescription in 3 h as an Answer to Antibiotic Resistance: The Case of Urinary Tract Infections. <i>Antibiotics</i> , 2021, 10, 1168.	1.5	5
64	Evaluation of ECLIA antigen detection tests as screening methods for COVID-19 in comparison with molecular analysis. <i>Irish Journal of Medical Science</i> , 2022, 191, 2213-2217.	0.8	5
65	Serum iPTH range in a reference population: From an integrated approach to vitamin D prevalence impact evaluation. <i>Clinica Chimica Acta</i> , 2021, 521, 1-8.	0.5	4
66	Validation of a quantitative lateral flow immunoassay (LFIA)-based point-of-care (POC) rapid test for SARS-CoV-2 neutralizing antibodies. <i>Archives of Virology</i> , 2022, 167, 1285-1291.	0.9	4
67	Evaluation of Natural and Vaccine-Induced Anti-SARS-CoV-2 Immunity: A Comparative Study between Different Groups of Volunteers. <i>Diseases (Basel, Switzerland)</i> , 2022, 10, 25.	1.0	4
68	Effects of Win 55,212-2 on hippocampal CA1 long-term potentiation in experiments controlled for basal glutamatergic synaptic transmission. <i>European Journal of Pharmacology</i> , 2002, 453, 251-254.	1.7	3
69	MicroRNA expression is dysregulated in narcolepsy: a new evidence?. <i>Sleep Medicine</i> , 2015, 16, 1027-1028.	0.8	3
70	Association Between Heart Rate Variability and Decompression-Induced Physiological Stress. <i>Frontiers in Physiology</i> , 2020, 11, 743.	1.3	3
71	Free light chains nephelometric assay: human urine stability in different storage conditions. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e273-4.	1.4	2
72	Nephelometric assay of urine free light chains: an alternative and early clinical test for Bence-Jones protein quantification. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, e313-e315.	1.4	2

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73	New HPLC instrument performance evaluation in HbA1c determination and comparison with capillary electrophoresis. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 393-397.	0.6	2
74	Biomarkers of Glyco-Metabolic Control in Hemodialysis Patients: Glycated Hemoglobin vs. Glycated Albumin. <i>Medicina (Lithuania)</i> , 2021, 57, 712.	0.8	2
75	Performance evaluation of the new Chemiluminescence Immunoassay CL-1200i Thyroid Panel. <i>Journal of Immunoassay and Immunochemistry</i> , 2022, 43, 333-345.	0.5	2
76	K Index in cerebrospinal fluid: a valid tool in multiple sclerosis diagnosis. <i>Rivista Italiana Della Medicina Di Laboratorio</i> , 2014, 10, 167-171.	0.2	1
77	Multiple Sclerosis: kFLC index values related to gender. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 26, 58-60.	0.9	1
78	Influence of Laboratory Index on match performance. A comparison study to evaluate physical performance in professional soccer players of an Italian Elite Team. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 3444-3452.	0.5	1
79	Evaluation and analytical performance of the new Roche T411 and T511 coagulation analysers. <i>Thrombosis Research</i> , 2020, 187, 166-169.	0.8	0
80	Assessment of the Stability of Midregional Proadrenomedullin in Different Biological Matrices. <i>Laboratory Medicine</i> , 0, , .	0.8	0