

# Pietro Veglianesse

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,846  
citations

185998

28  
h-index

189595

50  
g-index

59  
all docs

59  
docs citations

59  
times ranked

4323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticonvulsant and Antiepileptogenic Effects Mediated by Adeno-Associated Virus Vector Neuropeptide Y Expression in the Rat Hippocampus. <i>Journal of Neuroscience</i> , 2004, 24, 3051-3059.	1.7	222
2	Persistent activation of p38 mitogen-activated protein kinase in a mouse model of familial amyotrophic lateral sclerosis correlates with disease progression. <i>Molecular and Cellular Neurosciences</i> , 2003, 23, 180-192.	1.0	155
3	Functional alterations of the ubiquitin-proteasome system in motor neurons of a mouse model of familial amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2009, 18, 82-96.	1.4	146
4	Hydrogels in Spinal Cord Injury Repair Strategies. <i>ACS Chemical Neuroscience</i> , 2011, 2, 336-345.	1.7	142
5	A new three dimensional biomimetic hydrogel to deliver factors secreted by human mesenchymal stem cells in spinal cord injury. <i>Biomaterials</i> , 2016, 75, 135-147.	5.7	141
6	Current Options for Cell Therapy in Spinal Cord Injury. <i>Trends in Molecular Medicine</i> , 2017, 23, 831-849.	3.5	141
7	Bone Marrow Mesenchymal Stromal Cells Drive Protective M2 Microglia Polarization After Brain Trauma. <i>Neurotherapeutics</i> , 2014, 11, 679-695.	2.1	140
8	Selective Nanovector Mediated Treatment of Activated Proinflammatory Microglia/Macrophages in Spinal Cord Injury. <i>ACS Nano</i> , 2013, 7, 9881-9895.	7.3	136
9	Early modulation of pro-inflammatory microglia by minocycline loaded nanoparticles confers long lasting protection after spinal cord injury. <i>Biomaterials</i> , 2016, 75, 13-24.	5.7	110
10	Polymeric nanoparticle system to target activated microglia/macrophages in spinal cord injury. <i>Journal of Controlled Release</i> , 2014, 174, 15-26.	4.8	100
11	Selective Modulation of A1 Astrocytes by Drug-Loaded Nano-Structured Gel in Spinal Cord Injury. <i>ACS Nano</i> , 2020, 14, 360-371.	7.3	94
12	Activation of the p38MAPK cascade is associated with upregulation of TNF alpha receptors in the spinal motor neurons of mouse models of familial ALS. <i>Molecular and Cellular Neurosciences</i> , 2006, 31, 218-231.	1.0	92
13	Multiple drug delivery hydrogel system for spinal cord injury repair strategies. <i>Journal of Controlled Release</i> , 2012, 159, 271-280.	4.8	84
14	Non-invasive in vitro and in vivo monitoring of degradation of fluorescently labeled hyaluronan hydrogels for tissue engineering applications. <i>Acta Biomaterialia</i> , 2016, 30, 188-198.	4.1	80
15	Mesenchymal stem cells encapsulated into biomimetic hydrogel scaffold gradually release CCL2 chemokine in situ preserving cytoarchitecture and promoting functional recovery in spinal cord injury. <i>Journal of Controlled Release</i> , 2018, 278, 49-56.	4.8	80
16	c-Jun N-terminal Kinase Regulates Soluble A $\beta$ 2 Oligomers and Cognitive Impairment in AD Mouse Model. <i>Journal of Biological Chemistry</i> , 2011, 286, 43871-43880.	1.6	74
17	Neuroprotective Effects of Toll-Like Receptor 4 Antagonism in Spinal Cord Cultures and in a Mouse Model of Motor Neuron Degeneration. <i>Molecular Medicine</i> , 2012, 18, 971-981.	1.9	66
18	Current options for drug delivery to the spinal cord. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 385-396.	2.4	61

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19	3D Mass Spectrometry Imaging Reveals a Very Heterogeneous Drug Distribution in Tumors. <i>Scientific Reports</i> , 2016, 6, 37027.	1.6	58
20	Stem cell paracrine effect and delivery strategies for spinal cord injury regeneration. <i>Journal of Controlled Release</i> , 2019, 300, 141-153.	4.8	56
21	Distribution and cellular localization of high mobility group box protein 1 (HMGB1) in the spinal cord of a transgenic mouse model of ALS. <i>Neuroscience Letters</i> , 2007, 412, 73-77.	1.0	50
22	Amyotrophic Lateral Sclerosis, a Multisystem Pathology: Insights into the Role of TNF Mediators of Inflammation, 2017, 2017, 1-16.	1.4	45
23	Intracerebroventricular Administration of Human Umbilical Cord Blood Cells Delays Disease Progression in Two Murine Models of Motor Neuron Degeneration. <i>Rejuvenation Research</i> , 2011, 14, 623-639.	0.9	44
24	Inter- and Intracellular Signaling in Amyotrophic Lateral Sclerosis: Role of p38 Mitogen-Activated Protein Kinase. <i>Neurodegenerative Diseases</i> , 2005, 2, 128-134.	0.8	42
25	Specific inhibition of the JNK pathway promotes locomotor recovery and neuroprotection after mouse spinal cord injury. <i>Neurobiology of Disease</i> , 2012, 46, 710-721.	2.1	39
26	Tunable hydrogel Nanoparticles release system for sustained combination therapies in the spinal cord. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 108, 169-177.	2.5	38
27	Mutant Prion Protein Expression Is Associated with an Alteration of the Rab GDP Dissociation Inhibitor (GDI)/Rab11 Pathway. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 611-622.	2.5	35
28	Characterization and Degradation Behavior of Agarose-Carbomer Based Hydrogels for Drug Delivery Applications: Solute Effect. <i>International Journal of Molecular Sciences</i> , 2011, 12, 3394-3408.	1.8	32
29	Soluble A $\beta$ oligomer-induced synaptopathy: c-Jun N-terminal kinase's role. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 277-279.	1.5	28
30	Functionalized nanogel for treating activated astrocytes in spinal cord injury. <i>Journal of Controlled Release</i> , 2021, 330, 218-228.	4.8	25
31	Nanovector-mediated drug delivery for spinal cord injury treatment. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014, 6, 506-515.	3.3	24
32	Modulators of microglia: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 427-437.	2.4	23
33	Novel functionalization strategies to improve drug delivery from polymers. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 1305-1313.	2.4	23
34	In situ agarose-carbomer hydrogel polycondensation: A chemical approach to regenerative medicine. <i>Materials Letters</i> , 2011, 65, 1688-1692.	1.3	21
35	A New Fluorogenic Peptide Determines Proteasome Activity in Single Cells. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7452-7460.	2.9	20
36	Nanovector-Mediated Drug Delivery in Spinal Cord Injury: A Multitarget Approach. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1173-1182.	1.7	20

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37	Regenerative medicine for spinal cord injury: focus on stem cells and biomaterials. Expert Opinion on Biological Therapy, 2020, 20, 1203-1213.	1.4	20
38	Chemoselective functionalization of nanogels for microglia treatment. European Polymer Journal, 2017, 94, 143-151.	2.6	17
39	Sustained Delivery of Chondroitinase ABC from Hydrogel System. Journal of Functional Biomaterials, 2012, 3, 199-208.	1.8	16
40	Double conjugated nanogels for selective intracellular drug delivery. RSC Advances, 2017, 7, 30345-30356.	1.7	15
41	Microwave-assisted synthesis of TEMPO-labeled hydrogels traceable with MRI. Soft Matter, 2018, 14, 558-565.	1.2	15
42	A refinement approach in a mouse model of rehabilitation research. Analgesia strategy, reduction approach and infrared thermography in spinal cord injury. PLoS ONE, 2019, 14, e0224337.	1.1	15
43	The Toxicity of a Mutant Prion Protein Is Cell-Autonomous, and Can Be Suppressed by Wild-Type Prion Protein on Adjacent Cells. PLoS ONE, 2012, 7, e33472.	1.1	13
44	Ranolazine ameliorates postresuscitation electrical instability and myocardial dysfunction and improves survival with good neurologic recovery in a rat model of cardiac arrest. Heart Rhythm, 2014, 11, 1641-1647.	0.3	9
45	Biomaterial-Mediated Factor Delivery for Spinal Cord Injury Treatment. Biomedicines, 2022, 10, 1673.	1.4	9
46	Effects of primary amine-based coatings on microglia internalization of nanogels. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110574.	2.5	7
47	Profiling of orthosteric and allosteric group-III metabotropic glutamate receptor ligands on various G protein-coupled receptors with Tag-liteA® assays. Neuropharmacology, 2018, 140, 233-245.	2.0	6
48	Multidrug encapsulation within self-assembled 3D structures formed by biodegradable nanoparticles. European Polymer Journal, 2015, 68, 216-225.	2.6	5
49	Biphasic Porous Structures formed by Monomer/Water Interface Stabilization with Colloidal Nanoparticles. Advanced Materials Interfaces, 2021, 8, 2100991.	1.9	4
50	How can nanovectors be used to treat spinal cord injury?. Nanomedicine, 2019, 14, 3123-3125.	1.7	3
51	Introduction to spinal cord injury as clinical pathology. , 2020, , 1-12.		3
52	Improving the pharmacodynamic and pharmacological profile of bioactive molecules using biopolymers. , 2017, , 285-302.		1
53	Paracrine effects for spinal cord injury regeneration. , 2020, , 203-221.		1
54	Chemical engineering approach to regenerative medicine. Chemical Papers, 2012, 66, .	1.0	0

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55	Biphasic Porous Structures formed by Monomer/Water Interface Stabilization with Colloidal Nanoparticles (Adv. Mater. Interfaces 21/2021). Advanced Materials Interfaces, 2021, 8, 2170119.	1.9	0
56	Title is missing!. , 2019, 14, e0224337.		0
57	Title is missing!. , 2019, 14, e0224337.		0
58	Title is missing!. , 2019, 14, e0224337.		0
59	Title is missing!. , 2019, 14, e0224337.		0