

# Marco Peviani

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

723  
citations

933447

10  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Nanovector Mediated Treatment of Activated Proinflammatory Microglia/Macrophages in Spinal Cord Injury. <i>ACS Nano</i> , 2013, 7, 9881-9895.	14.6	136
2	Neuroprotective effects of the Sigma-1 receptor (S1R) agonist PRE-084, in a mouse model of motor neuron disease not linked to SOD1 mutation. <i>Neurobiology of Disease</i> , 2014, 62, 218-232.	4.4	110
3	Polymeric nanoparticle system to target activated microglia/macrophages in spinal cord injury. <i>Journal of Controlled Release</i> , 2014, 174, 15-26.	9.9	100
4	Multiple drug delivery hydrogel system for spinal cord injury repair strategies. <i>Journal of Controlled Release</i> , 2012, 159, 271-280.	9.9	84
5	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.	4.4	66
6	Intracerebroventricular delivery of hematopoietic progenitors results in rapid and robust engraftment of microglia-like cells. <i>Science Advances</i> , 2017, 3, e1701211.	10.3	38
7	Biodegradable polymeric nanoparticles administered in the cerebrospinal fluid: Brain biodistribution, preferential internalization in microglia and implications for cell-selective drug release. <i>Biomaterials</i> , 2019, 209, 25-40.	11.4	37
8	Specific Induction of Akt3 in Spinal Cord Motor Neurons is Neuroprotective in a Mouse Model of Familial Amyotrophic Lateral Sclerosis. <i>Molecular Neurobiology</i> , 2014, 49, 136-148.	4.0	32
9	Toward the identification of neuroprotective agents: g-scale synthesis, pharmacokinetic evaluation and CNS distribution of (<i>R</i>)-RC-33, a promising Sigma1 receptor agonist. <i>Future Medicinal Chemistry</i> , 2016, 8, 287-295.	2.3	30
10	Hydrazone linked doxorubicin-PLA prodrug nanoparticles with high drug loading. <i>Nanotechnology</i> , 2018, 29, 305602.	2.6	17
11	Heterogeneity of Neuroinflammatory Responses in Amyotrophic Lateral Sclerosis: A Challenge or an Opportunity?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7923.	4.1	15
12	Delivery Platforms for CRISPR/Cas9 Genome Editing of Glial Cells in the Central Nervous System. <i>Frontiers in Genome Editing</i> , 2021, 3, 644319.	5.2	11
13	Metallothioneins are neuroprotective agents in lysosomal storage disorders. <i>Annals of Neurology</i> , 2018, 83, 418-432.	5.3	10
14	A step forward in the sigma enigma: a role for chirality in the sigma1 receptorâ€™ligand interaction?. <i>MedChemComm</i> , 2015, 6, 138-146.	3.4	9
15	Development of easyâ€™use reverseâ€™phase liquid chromatographic methods for determining PREâ€™084, RCâ€™33 and RCâ€™34 in biological matrices. The first step for <i>in vivo</i> analysis of sigma1 receptor agonists. <i>Biomedical Chromatography</i> , 2016, 30, 645-651.	1.7	7
16	T1-Weighted Dynamic Contrast-Enhanced MRI Is a Noninvasive Marker of Epidermal Growth Factor Receptor vIII Status in Cancer Stem Cellâ€™Derived Experimental Glioblastomas. <i>American Journal of Neuroradiology</i> , 2016, 37, E49-E51.	2.4	6
17	Bitopic Sigma 1 Receptor Modulators to Shed Light on Molecular Mechanisms Underpinning Ligand Binding and Receptor Oligomerization. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14997-15016.	6.4	6
18	Simultaneous Flow Cytometric Characterization of Multiple Cell Types Retrieved from Mouse Brain/Spinal Cord Through Different Homogenization Methods. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	4

#	ARTICLE	IF	CITATIONS
19	Lipophilic dye-compatible brain clearing technique allowing correlative magnetic resonance/high-resolution fluorescence imaging in rat models of glioblastoma. Scientific Reports, 2020, 10, 17974.	3.3	3
20	Synthesis and Characterization of a "Clickable" PBR28 TSPO-Selective Ligand Derivative Suitable for the Functionalization of Biodegradable Polymer Nanoparticles. Nanomaterials, 2021, 11, 1693.	4.1	2