Marco Peviani

List of Publications by Year
in descending order

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	Delivery Platforms for CRISPR/Cas9 Genome Editing of Glial Cells in the Central Nervous System. Frontiers in Genome Editing, 2021, 3, 644319.	5.2	11
2	Synthesis and Characterization of a â€œClickableâ€•PBR28 TSPO-Selective Ligand Derivative Suitable for the Functionalization of Biodegradable Polymer Nanoparticles. Nanomaterials, 2021, 11, 1693.	4.1	2
3	Bitopic Sigma 1 Receptor Modulators to Shed Light on Molecular Mechanisms Underpinning Ligand Binding and Receptor Oligomerization. Journal of Medicinal Chemistry, 2021, 64, 14997-15016.	6.4	6
4	Heterogeneity of Neuroinflammatory Responses in Amyotrophic Lateral Sclerosis: A Challenge or an Opportunity?. International Journal of Molecular Sciences, 2020, 21, 7923.	4.1	15
5	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
6	Biodegradable polymeric nanoparticles administered in the cerebrospinal fluid: Brain biodistribution, preferential internalization in microglia and implications for cell-selective drug release. Biomaterials, 2019, 209, 25-40.	11.4	37
7	Simultaneous Flow Cytometric Characterization of Multiple Cell Types Retrieved from Mouse Brain/Spinal Cord Through Different Homogenization Methods. Journal of Visualized Experiments, 2019, , .	0.3	4
8	Metallothioneins are neuroprotective agents in lysosomal storage disorders. Annals of Neurology, 2018, 83, 418-432.	5.3	10
9	Hydrazone linked doxorubicin-PLA prodrug nanoparticles with high drug loading. Nanotechnology, 2018, 29, 305602.	2.6	17
10	Intracerebroventricular delivery of hematopoietic progenitors results in rapid and robust engraftment of microglia-like cells. Science Advances, 2017, 3, e1701211.	10.3	38
11	Development of easyâ€toâ€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. Biomedical Chromatography, 2016, 30, 645-651.	1.7	7
12	T1-Weighted Dynamic Contrast-Enhanced MRI Is a Noninvasive Marker of Epidermal Growth Factor Receptor vIII Status in Cancer Stem Cellâ€"Derived Experimental Glioblastomas. American Journal of Neuroradiology, 2016, 37, E49-E51.	2.4	6
13	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. Future Medicinal Chemistry, 2016, 8, 287-295.	2.3	30
14	A step forward in the sigma enigma: a role for chirality in the sigma1 receptorâ€"ligand interaction?. MedChemComm, 2015, 6, 138-146.	3.4	9
15	Specific Induction of Akt3 in Spinal Cord Motor Neurons is Neuroprotective in a Mouse Model of Familial Amyotrophic Lateral Sclerosis. Molecular Neurobiology, 2014, 49, 136-148.	4.0	32
16	Neuroprotective effects of the Sigma-1 receptor (S1R) agonist PRE-084, in a mouse model of motor neuron disease not linked to SOD1 mutation. Neurobiology of Disease, 2014, 62, 218-232.	4.4	110
17	Polymeric nanoparticle system to target activated microglia/macrophages in spinal cord injury. Journal of Controlled Release, 2014, 174, 15-26.	9.9	100
18	Selective Nanovector Mediated Treatment of Activated Proinflammatory Microglia/Macrophages in Spinal Cord Injury. ACS Nano, 2013, 7, 9881-9895.	14.6	136

#	Article	IF	Citations
19	Neuroprotective Effects of Toll-Like Receptor 4 Antagonism in Spinal Cord Cultures and in a Mouse Model of Motor Neuron Degeneration. Molecular Medicine, 2012, 18, 971-981.	4.4	66
20	Multiple drug delivery hydrogel system for spinal cord injury repair strategies. Journal of Controlled Release, 2012, 159, 271-280.	9.9	84