

Grazia Maria Liuzzi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

1,278
citations

20
h-index

35
g-index

41
ext. papers

1,392
ext. citations

4.5
avg, IF

3.69
L-index

#	Paper	IF	Citations
41	Serum MMP-2 and MMP-9 are elevated in different multiple sclerosis subtypes. <i>Journal of Neuroimmunology</i> , 2003 , 136, 46-53	3.5	134
40	Inhibition of aquaporin-4 expression in astrocytes by RNAi determines alteration in cell morphology, growth, and water transport and induces changes in ischemia-related genes. <i>FASEB Journal</i> , 2003 , 17, 1508-10	0.9	107
39	Intrathecal synthesis of matrix metalloproteinase-9 in patients with multiple sclerosis: implication for pathogenesis. <i>Multiple Sclerosis Journal</i> , 2002 , 8, 222-8	5	88
38	May diet and dietary supplements improve the wellness of multiple sclerosis patients? A molecular approach. <i>Autoimmune Diseases</i> , 2011 , 2010, 249842	2.9	83
37	Extracting and purifying R-phycoerythrin from Mediterranean red algae <i>Corallina elongata</i> Ellis & Solander. <i>Journal of Biotechnology</i> , 2003 , 101, 289-93	3.7	82
36	Aquaporin-4-containing astrocytes sustain a temperature- and mercury-insensitive swelling in vitro. <i>Glia</i> , 2000 , 31, 29-38	9	68
35	A monoclonal antibody inhibits gelatinase B/MMP-9 by selective binding to part of the catalytic domain and not to the fibronectin or zinc binding domains. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007 , 1770, 178-86	4	66
34	FAD synthesis and degradation in the nucleus create a local flavin cofactor pool. <i>Journal of Biological Chemistry</i> , 2013 , 288, 29069-80	5.4	49
33	Anti-HIV drugs decrease the expression of matrix metalloproteinases in astrocytes and microglia. <i>Brain</i> , 2004 , 127, 398-407	11.2	48
32	Interferon-beta inhibits the expression of metalloproteinases in rat glial cell cultures: implications for multiple sclerosis pathogenesis and treatment. <i>Multiple Sclerosis Journal</i> , 2004 , 10, 290-7	5	43
31	Inhibitory effect of polyunsaturated fatty acids on MMP-9 release from microglial cells--implications for complementary multiple sclerosis treatment. <i>Neurochemical Research</i> , 2007 , 32, 2184-93	4.6	37
30	Structure-dependent inhibition of gelatinases by dietary antioxidants in rat astrocytes and sera of multiple sclerosis patients. <i>Neurochemical Research</i> , 2011 , 36, 518-27	4.6	32
29	Adhesion molecules and matrix metalloproteinases in Multiple Sclerosis: effects induced by Interferon-beta. <i>Brain Research Bulletin</i> , 2003 , 61, 357-64	3.9	30
28	Impact of manganese neurotoxicity on MMP-9 production and superoxide dismutase activity in rat primary astrocytes. Effect of resveratrol and therapeutic implications for the treatment of CNS diseases. <i>Toxicological Sciences</i> , 2013 , 135, 218-28	4.4	28
27	Antiretroviral therapy inhibits matrix metalloproteinase-9 from blood mononuclear cells of HIV-infected patients. <i>Aids</i> , 2007 , 21, 677-84	3.5	27
26	Heterogeneity of serum gelatinases MMP-2 and MMP-9 isoforms and charge variants. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 242-52	5.6	25
25	A thermodynamic and structural study of myelin basic protein in lipid membrane models. <i>Biophysical Journal</i> , 2007 , 93, 1999-2010	2.9	24

24	Cerebrospinal fluid myelin basic protein as predictive marker of demyelination in AIDS dementia complex. <i>Journal of Neuroimmunology</i> , 1992 , 36, 251-4	3.5	21
23	Liver Fibrosis in HCV Monoinfected and HIV/HCV Coinfected Patients: Dysregulation of Matrix Metalloproteinases (MMPs) and Their Tissue Inhibitors TIMPs and Effect of HCV Protease Inhibitors. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 455	6.3	21
22	In vitro effect of antiretroviral drugs on cultured primary astrocytes: analysis of neurotoxicity and matrix metalloproteinase inhibition. <i>Journal of Neurochemistry</i> , 2018 , 144, 271-284	6	21
21	Lipid-bound, native-like, myelin basic protein. Batch-wise preparation and perspectives for use in demyelinating diseases. <i>Molecular and Chemical Neuropathology</i> , 1990 , 13, 185-94		19
20	Lamellar order within Langmuir-Blodgett multilayers from phospholipid and myelin basic protein: a neutron reflectivity study. <i>Langmuir</i> , 2007 , 23, 8491-6	4	18
19	Antibodies specific for the lipid-bound form of myelin basic protein during experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 1993 , 44, 69-75	3.5	18
18	Cationic liposomes target sites of acute neuroinflammation in experimental autoimmune encephalomyelitis. <i>Molecular Pharmaceutics</i> , 2009 , 6, 1363-70	5.6	17
17	Cytotoxicity Study on Luminescent Nanocrystals Containing Phospholipid Micelles in Primary Cultures of Rat Astrocytes. <i>PLoS ONE</i> , 2016 , 11, e0153451	3.7	17
16	Regulation of gelatinases in microglia and astrocyte cell cultures by plant lectins. <i>Glia</i> , 1999 , 27, 53-61	9	16
15	Release of myelin basic protein-degrading proteolytic activity from microglia and macrophages after infection with Theiler's murine encephalomyelitis virus: comparison between susceptible and resistant mice. <i>Journal of Neuroimmunology</i> , 1995 , 62, 91-102	3.5	16
14	T-cell response to myelin basic protein and lipid-bound myelin basic protein in patients with multiple sclerosis and healthy donors. <i>Journal of Neuroimmunology</i> , 1998 , 82, 96-100	3.5	14
13	Detection of cerebrospinal fluid antibodies against myelin basic protein in patients with AIDS dementia complex. <i>Molecular and Chemical Neuropathology</i> , 1991 , 14, 227-36		14
12	Induction of experimental autoimmune encephalomyelitis in rats and immune response to myelin basic protein in lipid-bound form. <i>Journal of the Neurological Sciences</i> , 1993 , 119, 91-8	3.2	13
11	Crystals of P2 myelin protein in lipid-bound form. <i>Journal of Structural Biology</i> , 2003 , 142, 292-300	3.4	12
10	Inhibition of myelin-cleaving proteolytic activities by interferon-beta in rat astrocyte cultures. Comparative analysis between gelatinases and calpain-II. <i>PLoS ONE</i> , 2013 , 8, e49656	3.7	12
9	The different forms of PNS myelin P0 protein within and outside lipid rafts. <i>Journal of Neurochemistry</i> , 2008 , 107, 291-301	6	11
8	Inhibitory Effect of Aqueous Extracts from Marine Sponges on the Activity and Expression of Gelatinases A (MMP-2) and B (MMP-9) in Rat Astrocyte Cultures. <i>PLoS ONE</i> , 2015 , 10, e0129322	3.7	11
7	Recombinant Arabidopsis HSP70 Sustains Cell Survival and Metastatic Potential of Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 1063-73	6.1	9

6	Lipoprotein(a) in the cerebrospinal fluid of neurological patients with blood-cerebrospinal fluid barrier dysfunction. <i>Clinical Chemistry</i> , 2006 , 52, 2043-8	5.5	9
5	Neuroprotective potential of isothiocyanates in an in vitro model of neuroinflammation. <i>Inflammopharmacology</i> , 2021 , 29, 561-571	5.1	9
4	Dynamic changes of MMP-9 plasma levels correlate with JCV reactivation and immune activation in natalizumab-treated multiple sclerosis patients. <i>Scientific Reports</i> , 2019 , 9, 311	4.9	6
3	Comparative analysis of protein profiles of aqueous extracts from marine sponges and assessment of cytotoxicity on different mammalian cell types. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 38, 1007-15	5.8	2
2	Lead exposure of rats during and after pregnancy induces anti-myelin proteolytic activity: a potential mechanism for lead-induced neurotoxicity.. <i>Toxicology</i> , 2022 , 153179	4.4	1
1	New Diagnostic and Therapeutic Options for the Treatment of Multiple Sclerosis 2009 , 205-226		