

Italia Di Liegro

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.

55
papers

1,942
citations

23
h-index

43
g-index

57
ext. papers

2,281
ext. citations

5.1
avg. IF

4.74
L-index

#	Paper	IF	Citations
55	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA - an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017 , 6, 1286095	16.4	410
54	Lactate as a Metabolite and a Regulator in the Central Nervous System. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	100
53	Neurons and ECM regulate occludin localization in brain endothelial cells. <i>NeuroReport</i> , 2000 , 11, 1081-41.7	4.7	96
52	Dietary fatty acids in metabolic syndrome, diabetes and cardiovascular diseases. <i>Current Diabetes Reviews</i> , 2012 , 8, 2-17	2.7	90
51	Astrocytes shed extracellular vesicles that contain fibroblast growth factor-2 and vascular endothelial growth factor. <i>International Journal of Molecular Medicine</i> , 2008 , 21, 63-7	4.4	80
50	Physical Activity and Brain Health. <i>Genes</i> , 2019 , 10,	4.2	76
49	Synergistic effects of neurons and astrocytes on the differentiation of brain capillary endothelial cells in culture. <i>Journal of Cellular and Molecular Medicine</i> , 2003 , 7, 165-70	5.6	73
48	Neurons produce FGF2 and VEGF and secrete them at least in part by shedding extracellular vesicles. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 1384-94	5.6	71
47	Regulation of mRNA transport, localization and translation in the nervous system of mammals (Review). <i>International Journal of Molecular Medicine</i> , 2014 , 33, 747-62	4.4	63
46	Permeability properties of a three-cell type in vitro model of blood-brain barrier. <i>Journal of Cellular and Molecular Medicine</i> , 2005 , 9, 373-9	5.6	53
45	Functional feature of a novel model of blood brain barrier: studies on permeation of test compounds. <i>Journal of Controlled Release</i> , 2001 , 76, 139-47	11.7	51
44	Microvesicles shed by oligodendrogloma cells and rheumatoid synovial fibroblasts contain aggrecanase activity. <i>Matrix Biology</i> , 2012 , 31, 229-33	11.4	50
43	Aquaporins and Brain Tumors. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	47
42	Extracellular Membrane Vesicles as Vehicles for Brain Cell-to-Cell Interactions in Physiological as well as Pathological Conditions. <i>BioMed Research International</i> , 2015 , 2015, 152926	3	41
41	Oligodendrogloma cells shed microvesicles which contain TRAIL as well as molecular chaperones and induce cell death in astrocytes. <i>International Journal of Oncology</i> , 2011 , 39, 1353-7	4.4	32
40	PIPPin, a putative RNA-binding protein specifically expressed in the rat brain. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 218, 390-4	3.4	31
39	Thyroid hormones and the central nervous system of mammals (Review). <i>Molecular Medicine Reports</i> , 2008 , 1, 279-95	2.9	30

38	Extracellular Vesicle-Associated RNA as a Carrier of Epigenetic Information. <i>Genes</i> , 2017 , 8,	4.2	28
37	PIPPin is a brain-specific protein that contains a cold-shock domain and binds specifically to H1 degrees and H3.3 mRNAs. <i>Journal of Biological Chemistry</i> , 1999 , 274, 24087-93	5.4	28
36	Cellular mechanism of action of thyroid hormones. <i>Differentiation</i> , 1987 , 35, 165-75	3.5	27
35	Oligodendrogloma cells synthesize the differentiation-specific linker histone H1 and release it into the extracellular environment through shed vesicles. <i>International Journal of Oncology</i> , 2013 , 43, 1771-6	4.4	26
34	H1(0) and H3.3B mRNA levels in developing rat brain. <i>Neurochemical Research</i> , 1994 , 19, 1531-7	4.6	26
33	Astrocytes shed extracellular vesicles that contain fibroblast growth factor-2 and vascular endothelial growth factor. <i>International Journal of Molecular Medicine</i> , 2008 ,	4.4	23
32	Posttranscriptional regulation of H1 zero and H3.3B histone genes in differentiating rat cortical neurons. <i>Neurochemical Research</i> , 1995 , 20, 969-76	4.6	23
31	Aquaporin-4 distribution in control and stressed astrocytes in culture and in the cerebrospinal fluid of patients with traumatic brain injuries. <i>Neurological Sciences</i> , 2013 , 34, 1309-14	3.5	22
30	Biological effects of inorganic arsenic on primary cultures of rat astrocytes. <i>International Journal of Molecular Medicine</i> , 2010 , 26, 457-62	4.4	21
29	Neuronal cell cultures: a tool for investigations in developmental neurobiology. <i>Neurochemical Research</i> , 1992 , 17, 1163-80	4.6	21
28	Triiodothyronine-induced shortening of chromatin repeat length in neurons cultured in a chemically defined medium. <i>Journal of Neurochemistry</i> , 1987 , 48, 1053-9	6	19
27	Cell-to-Cell Communication in Learning and Memory: From Neuro- and Glio-Transmission to Information Exchange Mediated by Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	17
26	Extracellular vesicles shed by melanoma cells contain a modified form of H1.0 linker histone and H1.0 mRNA-binding proteins. <i>International Journal of Oncology</i> , 2016 , 49, 1807-1814	4.4	17
25	Membrane vesicles shed by oligodendrogloma cells induce neuronal apoptosis. <i>International Journal of Oncology</i> , 2006 , 29, 1075-85	1	17
24	Genomic and Non-Genomic Mechanisms of Action of Thyroid Hormones and Their Catabolite 3,5-Diiodo-L-Thyronine in Mammals. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
23	The effect of cadmium on brain cells in culture. <i>International Journal of Molecular Medicine</i> , 2009 , 24, 311-8	4.4	16
22	Expression of synapsin I gene in primary cultures of differentiating rat cortical neurons. <i>Neurochemical Research</i> , 1995 , 20, 239-43	4.6	16
21	Cloning and analysis of cDNA for rat histone H1(0). <i>Nucleic Acids Research</i> , 1993 , 21, 1674	20.1	16

20	Molecular Determinants of Malignant Brain Cancers: From Intracellular Alterations to Invasion Mediated by Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	14
19	H1.0 Linker Histone as an Epigenetic Regulator of Cell Proliferation and Differentiation. <i>Genes</i> , 2018 , 9,	4.2	14
18	H1(0) RNA-binding proteins specifically expressed in the rat brain. <i>Journal of Biological Chemistry</i> , 1998 , 273, 22788-91	5.4	13
17	Qualitative differences in nuclear proteins correlate with neuronal terminal differentiation. <i>Cellular and Molecular Neurobiology</i> , 1992 , 12, 33-43	4.6	13
16	Thyroid hormones and the central nervous system of mammals (Review). <i>Molecular Medicine Reports</i> , 2008 ,	2.9	11
15	Thyroid hormones induce sumoylation of the cold shock domain-containing protein PIPPin in developing rat brain and in cultured neurons. <i>Endocrinology</i> , 2007 , 148, 252-7	4.8	10
14	Specific neurons of brain cortex and cerebellum are PIPPin positive. <i>NeuroReport</i> , 2000 , 11, 2233-6	1.7	9
13	Synergistic effects of laminin and thyroid hormones on neuron polarity in culture. <i>NeuroReport</i> , 1999 , 10, 1269-72	1.7	9
12	Accumulation of different c-erbA transcripts during rat brain development and in cortical neurons cultured in a synthetic medium. <i>Cellular and Molecular Neurobiology</i> , 1992 , 12, 259-72	4.6	9
11	The dynamic properties of neuronal chromatin are modulated by triiodothyronine. <i>Neurochemical Research</i> , 1992 , 17, 1049-55	4.6	9
10	The relative proportion of H1(0) and A24 is reversed in oligodendrocytes during rat brain development. <i>Cellular and Molecular Neurobiology</i> , 1990 , 10, 267-74	4.6	9
9	Modulation of synapsin I gene expression in rat cortical neurons by extracellular matrix. <i>Cellular and Molecular Neurobiology</i> , 1998 , 18, 369-78	4.6	8
8	Neuronal and BBB damage induced by sera from patients with secondary progressive multiple sclerosis. <i>International Journal of Molecular Medicine</i> , 2009 , 24, 743-7	4.4	7
7	A 3D-scaffold of PLLA induces the morphological differentiation and migration of primary astrocytes and promotes the production of extracellular vesicles. <i>Molecular Medicine Reports</i> , 2019 , 20, 1288-1296	2.9	6
6	RNA-binding ability of PIPPin requires the entire protein. <i>Journal of Cellular and Molecular Medicine</i> , 2003 , 7, 35-42	5.6	6
5	RNA-binding activity of the rat calmodulin-binding PEP-19 protein and of the long PEP-19 isoform. <i>International Journal of Molecular Medicine</i> , 2012 , 29, 141-5	4.4	5
4	Membrane vesicles shed by oligodendrogloma cells induce neuronal apoptosis 2006 , 29, 1075		4
3	Involvement of Thyroid Hormones in Brain Development and Cancer. <i>Cancers</i> , 2021 , 13,	6.6	4

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| 2 | Enzymatic Spermine Metabolites Induce Apoptosis Associated with Increase of p53, caspase-3 and miR-34a in Both Neuroblastoma Cells, SJNKP and the N-Myc-Amplified Form IMR5. <i>Cells</i> , 2021 , 10, | 7.9 | 3 |
| 1 | Establishment and Preliminary Characterization of Three Astrocytic Cells Lines Obtained from Primary Rat Astrocytes by Sub-Cloning. <i>Genes</i> , 2020 , 11, | 4.2 | 1 |