# Italia Di Liegro

## List of Publications by Year in Descending Order



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| 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 | Involvement of Thyroid Hormones in Brain Development and Cancer. *Cancers*, **2021**, 13, | 6.6 | 4 |
| 54 | 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. *Cells*, **2021**, 10, | 7.9 | 3 |
| 53 | Genomic and Non-Genomic Mechanisms of Action of Thyroid Hormones and Their Catabolite 3,5-Diiodo-L-Thyronine in Mammals. *International Journal of Molecular Sciences*, **2020**, 21, | 6.3 | 16 |
| 52 | Establishment and Preliminary Characterization of Three Astrocytic Cells Lines Obtained from Primary Rat Astrocytes by Sub-Cloning. *Genes*, **2020**, 11, | 4.2 | 1 |
| 51 | Physical Activity and Brain Health. *Genes*, **2019**, 10, | 4.2 | 76 |
| 50 | Cell-to-Cell Communication in Learning and Memory: From Neuro- and Glio-Transmission to Information Exchange Mediated by Extracellular Vesicles. *International Journal of Molecular Sciences*, **2019**, 21, | 6.3 | 17 |
| 49 | A 3D-scaffold of PLLA induces the morphological differentiation and migration of primary astrocytes and promotes the production of extracellular vesicles. *Molecular Medicine Reports*, **2019**, 20, 1288-1296 | 2.9 | 6 |
| 48 | H1.0 Linker Histone as an Epigenetic Regulator of Cell Proliferation and Differentiation. *Genes*, **2018**, 9, | 4.2 | 14 |
| 47 | Obstacles and opportunities in the functional analysis of extracellular vesicle RNA - an ISEV position paper. *Journal of Extracellular Vesicles*, **2017**, 6, 1286095 | 16.4 | 410 |
| 46 | Molecular Determinants of Malignant Brain Cancers: From Intracellular Alterations to Invasion Mediated by Extracellular Vesicles. *International Journal of Molecular Sciences*, **2017**, 18, | 6.3 | 14 |
| 45 | Extracellular Vesicle-Associated RNA as a Carrier of Epigenetic Information. *Genes*, **2017**, 8, | 4.2 | 28 |
| 44 | Aquaporins and Brain Tumors. *International Journal of Molecular Sciences*, **2016**, 17, | 6.3 | 47 |
| 43 | Lactate as a Metabolite and a Regulator in the Central Nervous System. *International Journal of Molecular Sciences*, **2016**, 17, | 6.3 | 100 |
| 42 | Extracellular vesicles shed by melanoma cells contain a modified form of H1.0 linker histone and H1.0 mRNA-binding proteins. *International Journal of Oncology*, **2016**, 49, 1807-1814 | 4.4 | 17 |
| 41 | Extracellular Membrane Vesicles as Vehicles for Brain Cell-to-Cell Interactions in Physiological as well as Pathological Conditions. *BioMed Research International*, **2015**, 2015, 152926 | 3 | 41 |
| 40 | Regulation of mRNA transport, localization and translation in the nervous system of mammals (Review). *International Journal of Molecular Medicine*, **2014**, 33, 747-62 | 4.4 | 63 |
| 39 | Aquaporin-4 distribution in control and stressed astrocytes in culture and in the cerebrospinal fluid of patients with traumatic brain injuries. *Neurological Sciences*, **2013**, 34, 1309-14 | 3.5 | 22 |

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|---|---|---|---|
| 38 | Oligodendroglioma cells synthesize the differentiation-specific linker histone H1 and release it into the extracellular environment through shed vesicles. *International Journal of Oncology*, **2013**, 43, 1771-6 | 4.4 | 26 |
| 37 | Microvesicles shed by oligodendroglioma cells and rheumatoid synovial fibroblasts contain aggrecanase activity. *Matrix Biology*, **2012**, 31, 229-33 | 11.4 | 50 |
| 36 | Dietary fatty acids in metabolic syndrome, diabetes and cardiovascular diseases. *Current Diabetes Reviews*, **2012**, 8, 2-17 | 2.7 | 90 |
| 35 | RNA-binding activity of the rat calmodulin-binding PEP-19 protein and of the long PEP-19 isoform. *International Journal of Molecular Medicine*, **2012**, 29, 141-5 | 4.4 | 5 |
| 34 | Oligodendroglioma cells shed microvesicles which contain TRAIL as well as molecular chaperones and induce cell death in astrocytes. *International Journal of Oncology*, **2011**, 39, 1353-7 | 4.4 | 32 |
| 33 | Biological effects of inorganic arsenic on primary cultures of rat astrocytes. *International Journal of Molecular Medicine*, **2010**, 26, 457-62 | 4.4 | 21 |
| 32 | Neuronal and BBB damage induced by sera from patients with secondary progressive multiple sclerosis. *International Journal of Molecular Medicine*, **2009**, 24, 743-7 | 4.4 | 7 |
| 31 | The effect of cadmium on brain cells in culture. *International Journal of Molecular Medicine*, **2009**, 24, 311-8 | 4.4 | 16 |
| 30 | Thyroid hormones and the central nervous system of mammals (Review). *Molecular Medicine Reports*, **2008**, | 2.9 | 11 |
| 29 | Astrocytes shed extracellular vesicles that contain fibroblast growth factor-2 and vascular endothelial growth factor. *International Journal of Molecular Medicine*, **2008**, | 4.4 | 23 |
| 28 | Astrocytes shed extracellular vesicles that contain fibroblast growth factor-2 and vascular endothelial growth factor. *International Journal of Molecular Medicine*, **2008**, 21, 63-7 | 4.4 | 80 |
| 27 | Thyroid hormones and the central nervous system of mammals (Review). *Molecular Medicine Reports*, **2008**, 1, 279-95 | 2.9 | 30 |
| 26 | Neurons produce FGF2 and VEGF and secrete them at least in part by shedding extracellular vesicles. *Journal of Cellular and Molecular Medicine*, **2007**, 11, 1384-94 | 5.6 | 71 |
| 25 | Thyroid hormones induce sumoylation of the cold shock domain-containing protein PIPPin in developing rat brain and in cultured neurons. *Endocrinology*, **2007**, 148, 252-7 | 4.8 | 10 |
| 24 | Membrane vesicles shed by oligodendroglioma cells induce neuronal apoptosis **2006**, 29, 1075 | | 4 |
| 23 | Membrane vesicles shed by oligodendroglioma cells induce neuronal apoptosis. *International Journal of Oncology*, **2006**, 29, 1075-85 | 1 | 17 |
| 22 | Permeability properties of a three-cell type in vitro model of blood-brain barrier. *Journal of Cellular and Molecular Medicine*, **2005**, 9, 373-9 | 5.6 | 53 |
| 21 | RNA-binding ability of PIPPin requires the entire protein. *Journal of Cellular and Molecular Medicine*, **2003**, 7, 35-42 | 5.6 | 6 |

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| 20 | Synergistic effects of neurons and astrocytes on the differentiation of brain capillary endothelial cells in culture. *Journal of Cellular and Molecular Medicine*, **2003**, 7, 165-70 | 5.6 | 73 |
| 19 | Functional feature of a novel model of blood brain barrier: studies on permeation of test compounds. *Journal of Controlled Release*, **2001**, 76, 139-47 | 11.7 | 51 |
| 18 | Specific neurons of brain cortex and cerebellum are PIPPin positive. *NeuroReport*, **2000**, 11, 2233-6 | 1.7 | 9 |
| 17 | Neurons and ECM regulate occludin localization in brain endothelial cells. *NeuroReport*, **2000**, 11, 1081-4 | 1.7 | 96 |
| 16 | PIPPin is a brain-specific protein that contains a cold-shock domain and binds specifically to H1 degrees and H3.3 mRNAs. *Journal of Biological Chemistry*, **1999**, 274, 24087-93 | 5.4 | 28 |
| 15 | Synergistic effects of laminin and thyroid hormones on neuron polarity in culture. *NeuroReport*, **1999**, 10, 1269-72 | 1.7 | 9 |
| 14 | Modulation of synapsin I gene expression in rat cortical neurons by extracellular matrix. *Cellular and Molecular Neurobiology*, **1998**, 18, 369-78 | 4.6 | 8 |
| 13 | H1(0) RNA-binding proteins specifically expressed in the rat brain. *Journal of Biological Chemistry*, **1998**, 273, 22788-91 | 5.4 | 13 |
| 12 | PIPPin, a putative RNA-binding protein specifically expressed in the rat brain. *Biochemical and Biophysical Research Communications*, **1996**, 218, 390-4 | 3.4 | 31 |
| 11 | Expression of synapsin I gene in primary cultures of differentiating rat cortical neurons. *Neurochemical Research*, **1995**, 20, 239-43 | 4.6 | 16 |
| 10 | Posttranscriptional regulation of H1 zero and H3.3B histone genes in differentiating rat cortical neurons. *Neurochemical Research*, **1995**, 20, 969-76 | 4.6 | 23 |
| 9 | H1(0) and H3.3B mRNA levels in developing rat brain. *Neurochemical Research*, **1994**, 19, 1531-7 | 4.6 | 26 |
| 8 | Cloning and analysis of cDNA for rat histone H1(0). *Nucleic Acids Research*, **1993**, 21, 1674 | 20.1 | 16 |
| 7 | Qualitative differences in nuclear proteins correlate with neuronal terminal differentiation. *Cellular and Molecular Neurobiology*, **1992**, 12, 33-43 | 4.6 | 13 |
| 6 | Accumulation of different c-erbA transcripts during rat brain development and in cortical neurons cultured in a synthetic medium. *Cellular and Molecular Neurobiology*, **1992**, 12, 259-72 | 4.6 | 9 |
| 5 | The dynamic properties of neuronal chromatin are modulated by triiodothyronine. *Neurochemical Research*, **1992**, 17, 1049-55 | 4.6 | 9 |
| 4 | Neuronal cell cultures: a tool for investigations in developmental neurobiology. *Neurochemical Research*, **1992**, 17, 1163-80 | 4.6 | 21 |
| 3 | The relative proportion of H1(0) and A24 is reversed in oligodendrocytes during rat brain development. *Cellular and Molecular Neurobiology*, **1990**, 10, 267-74 | 4.6 | 9 |

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| 2 | Triiodothyronine-induced shortening of chromatin repeat length in neurons cultured in a chemically defined medium. *Journal of Neurochemistry*, **1987**, 48, 1053-9 | 6 | 19 |
| 1 | Cellular mechanism of action of thyroid hormones. *Differentiation*, **1987**, 35, 165-75 | 3.5 | 27 |