

# Gabriella Schiera

## List of Publications by Year in descending order

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35  
papers

1,634  
citations

331259

21  
h-index

360668

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactate as a Metabolite and a Regulator in the Central Nervous System. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1450.	1.8	174
2	Physical Activity and Brain Health. <i>Genes</i> , 2019, 10, 720.	1.0	170
3	Neurons and ECM regulate occludin localization in brain endothelial cells. <i>NeuroReport</i> , 2000, 11, 1081-1084.	0.6	111
4	Dietary Fatty Acids in Metabolic Syndrome, Diabetes and Cardiovascular Diseases. <i>Current Diabetes Reviews</i> , 2012, 8, 2-17.	0.6	110
5	Regulation of mRNA transport, localization and translation in the nervous system of mammals (Review). <i>International Journal of Molecular Medicine</i> , 2014, 33, 747-762.	1.8	95
6	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, 1384-1394.	1.6	87
7	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.	1.8	85
8	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, 165-170.	1.6	82
9	Aquaporins and Brain Tumors. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1029.	1.8	70
10	Astrocytes shed extracellular vesicles that contain fibroblast growth factor-2 and vascular endothelial growth factor. <i>International Journal of Molecular Medicine</i> , 2008, , .	1.8	64
11	Permeability properties of a three-cell type in vitro model of blood-brain barrier. <i>Journal of Cellular and Molecular Medicine</i> , 2005, 9, 373-379.	1.6	61
12	Functional feature of a novel model of blood brain barrier: studies on permeation of test compounds. <i>Journal of Controlled Release</i> , 2001, 76, 139-147.	4.8	59
13	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, 1-12.	0.9	58
14	Extracellular Vesicle-associated RNA as a Carrier of Epigenetic Information. <i>Genes</i> , 2017, 8, 240.	1.0	45
15	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, 4140.	1.8	43
16	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> , 2020, 21, 266.	1.8	41
17	Oligodendroglioma 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.	1.4	36
18	Oligodendroglioma cells synthesize the differentiation-specific linker histone H1A <sup>o</sup> and release it into the extracellular environment through shed vesicles. <i>International Journal of Oncology</i> , 2013, 43, 1771-1776.	1.4	31

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19	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, 1309-1314.	0.9	26
20	Biological effects of inorganic arsenic on primary cultures of rat astrocytes. <i>International Journal of Molecular Medicine</i> , 2010, 26, 457-62.	1.8	24
21	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.	1.4	23
22	H1.0 Linker Histone as an Epigenetic Regulator of Cell Proliferation and Differentiation. <i>Genes</i> , 2018, 9, 310.	1.0	22
23	The effect of cadmium on brain cells in culture. <i>International Journal of Molecular Medicine</i> , 2009, 24, 311-8.	1.8	18
24	Molecular Determinants of Malignant Brain Cancers: From Intracellular Alterations to Invasion Mediated by Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2774.	1.8	17
25	Involvement of Thyroid Hormones in Brain Development and Cancer. <i>Cancers</i> , 2021, 13, 2693.	1.7	15
26	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, 252-257.	1.4	12
27	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.	1.1	10
28	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, 1950.	1.8	9
29	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> , 2011, 29, 141-5.	1.8	8
30	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.	1.8	7
31	Lactate Threshold Training Program on Patients with Multiple Sclerosis: A Multidisciplinary Approach. <i>Nutrients</i> , 2021, 13, 4284.	1.7	7
32	Cloning of a rat-specific long PCP4/PEP19 isoform. <i>International Journal of Molecular Medicine</i> , 2007, 19, 501-9.	1.8	7
33	Establishment and Preliminary Characterization of Three Astrocytic Cells Lines Obtained from Primary Rat Astrocytes by Sub-Cloning. <i>Genes</i> , 2020, 11, 1502.	1.0	4
34	From epigenetics to anti-doping application: a new tool of detection. <i>Human Movement</i> , 2017, 18, 3-10.	0.5	2
35	Biochemical adaptations in middle-distance runners: an assessment of blood and anthropometric parameters. <i>Journal of Biological Research (Italy)</i> , 2014, 87, .	0.0	1