

# Amin Derouiche

## List of Publications by Year in descending order

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39  
papers

2,789  
citations

257450

24  
h-index

361022

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all docs

39  
docs citations

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times ranked

3217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rab6A as a Pan-Astrocytic Marker in Mouse and Human Brain, and Comparison with Other Glial Markers (GFAP, GS, Aldh1L1, SOX9). <i>Cells</i> , 2021, 10, 72.	4.1	4
2	Perspectives for Ezrin and Radixin in Astrocytes: Kinases, Functions and Pathology. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3776.	4.1	37
3	Quantifying Compartment-Specific Protein Translocation in Astrocytes by Object-Oriented Image Analysis: Mitochondrial Translocation of PKC $\delta$ . <i>Methods in Molecular Biology</i> , 2019, 1938, 169-186.	0.9	0
4	Unsupervised quantification of tissue immunofluorescence in animal models of multiple sclerosis "Instructions for use". <i>Journal of Neuroscience Methods</i> , 2019, 320, 87-97.	2.5	1
5	Quantifying Filopodia in Cultured Astrocytes by an Algorithm. <i>Neurochemical Research</i> , 2017, 42, 1795-1809.	3.3	10
6	Rapid sodium signaling couples glutamate uptake to breakdown of ATP in perivascular astrocyte endfeet. <i>Glia</i> , 2017, 65, 293-308.	4.9	53
7	Morphological study of a connexin 43-GFP reporter mouse highlights glial heterogeneity, amacrine cells, and olfactory ensheathing cells. <i>Journal of Neuroscience Research</i> , 2017, 95, 2182-2194.	2.9	17
8	Anticoagulation with warfarin and rivaroxaban ameliorates experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2017, 14, 152.	7.2	18
9	Reelin induces process growth in cultured astrocytes: Implication for glia-synaptic plasticity. <i>Archives Italiennes De Biologie</i> , 2016, 153, 249-54.	0.4	3
10	Impact of Melatonin on Zeitgeber Time-Dependent Changes in Cell Proliferation and Apoptosis in the Adult Murine Hypothalamic-Hypophyseal System. <i>Neuroendocrinology</i> , 2015, 102, 311-326.	2.5	7
11	Fine Astrocyte Processes Contain Very Small Mitochondria: Glial Oxidative Capability May Fuel Transmitter Metabolism. <i>Neurochemical Research</i> , 2015, 40, 2402-2413.	3.3	49
12	Glutamine Synthetase as an Astrocytic Marker: Its Cell Type and Vesicle Localization. <i>Frontiers in Endocrinology</i> , 2013, 4, 144.	3.5	111
13	FTY720 Treatment in the Convalescence Period Improves Functional Recovery and Reduces Reactive Astrogliosis in Photothrombotic Stroke. <i>PLoS ONE</i> , 2013, 8, e70124.	2.5	49
14	Studying subcellular detail in fixed astrocytes: dissociation of morphologically intact glial cells (DIMIGs). <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 54.	3.7	38
15	Beyond Polarity: Functional Membrane Domains in Astrocytes and Müller Cells. <i>Neurochemical Research</i> , 2012, 37, 2513-2523.	3.3	32
16	Human embryonic stem cell-derived neurons establish region-specific, long-range projections in the adult brain. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 461-470.	5.4	55
17	Temporal-spatial changes in Sonic Hedgehog expression and signaling reveal different potentials of ventral mesencephalic progenitors to populate distinct ventral midbrain nuclei. <i>Neural Development</i> , 2011, 6, 29.	2.4	106
18	Structural plasticity of perisynaptic astrocyte processes involves ezrin and metabotropic glutamate receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12915-12919.	7.1	210

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19	Gray Matter NG2 Cells Display Multiple Ca <sup>2+</sup> -Signaling Pathways and Highly Motile Processes. PLoS ONE, 2011, 6, e17575.	2.5	99
20	Morphology and dynamics of perisynaptic glia. Brain Research Reviews, 2010, 63, 11-25.	9.0	213
21	Origin, maturation, and astroglial transformation of secondary radial glial cells in the developing dentate gyrus. Glia, 2010, 58, 1553-1569.	4.9	74
22	A practical calibration procedure for fluorescence colocalization at the single organelle level. Journal of Microscopy, 2009, 233, 225-233.	1.8	11
23	Ezrin Immunoreactivity Reveals Specific Astrocyte Activation in Cerebral HIV. Journal of Neuropathology and Experimental Neurology, 2006, 65, 87-96.	1.7	11
24	Astrocytic exocytosis vesicles and glutamate: A high-resolution immunofluorescence study. Glia, 2005, 49, 96-106.	4.9	52
25	Structural association of glia with the various compartments of neurons. , 2004, , 53-97.		6
26	Peripheral astrocyte processes: Monitoring by selective immunostaining for the actin-binding ERM proteins. Glia, 2001, 36, 330-341.	4.9	171
27	Topical correlation of increased hippocampal glutamine synthetase immunoreactivity and glutamatergic terminal fields after entorhinal cortex lesion. , 2000, 29, 386-391.		5
28	Ezrin Immunoreactivity Is Associated with Increasing Malignancy of Astrocytic Tumors but Is Absent in Oligodendrogliomas. American Journal of Pathology, 2000, 157, 1785-1793.	3.8	92
29	The dopamine D2receptor subfamily in rat retina: ultrastructural immunogold and in situ hybridization studies. European Journal of Neuroscience, 1999, 11, 1391-1402.	2.6	51
30	Cortical neurons immunoreactive for the potassium channel Kv3.1b subunit are predominantly surrounded by perineuronal nets presumed as a buffering system for cations. Brain Research, 1999, 842, 15-29.	2.2	294
31	Coupling of Glutamate Uptake and Degradation in Transmitter Clearance: Anatomical Evidence. , 1997, , 263-282.		8
32	Possible role of the Müller cell in uptake and metabolism of glutamate in the mammalian outer retina. Vision Research, 1996, 36, 3875-3878.	1.4	30
33	Identified glial cells in the early postnatal mouse hippocampus display different types of Ca <sup>2+</sup> currents. Glia, 1996, 17, 181-194.	4.9	78
34	Coincidence of L-glutamate/L-aspartate transporter (GLAST) and glutamine synthetase (GS) immunoreactions in retinal glia: Evidence for coupling of GLAST and GS in transmitter clearance. Journal of Neuroscience Research, 1995, 42, 131-143.	2.9	248
35	Regeneration of axons into the trochlear rootlet after anterior medullary lesions in the rat is specific for ipsilateral IVth nerve motoneurons. Journal of Comparative Neurology, 1994, 341, 340-350.	1.6	10
36	Glutamine synthetase immunoreactivity in the human hippocampus is lamina-specific. Neuroscience Letters, 1994, 165, 179-182.	2.1	18

#	ARTICLE	IF	CITATIONS
37	Perineuronal nets provide a polyanionic, glia-associated form of microenvironment around certain neurons in many parts of the rat brain. <i>Glia</i> , 1993, 8, 183-200.	4.9	324
38	Loss of Layer-specific Astrocytic Glutamine Synthetase Immunoreactivity in Slice Cultures of Hippocampus. <i>European Journal of Neuroscience</i> , 1993, 5, 122-127.	2.6	27
39	Astroglial processes around identified glutamatergic synapses contain glutamine synthetase: evidence for transmitter degradation. <i>Brain Research</i> , 1991, 552, 346-350.	2.2	167