Diego Guidolin

List of Publications by Year
in descending order

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224	7,835	50170	74018
papers	citations	46 h-index	75 g-index

225	225	225	8806
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential mechanism of action of intra-articular hyaluronan therapy in osteoarthritis: Are the effects molecular weight dependent?. Seminars in Arthritis and Rheumatism, 2002, 32, 10-37.	1.6	313
2	Î±â€Synuclein and Parkinson's disease. FASEB Journal, 2004, 18, 617-626.	0.2	262
3	Understanding wiring and volume transmission. Brain Research Reviews, 2010, 64, 137-159.	9.1	242
4	C2C12 myoblasts release micro-vesicles containing mtDNA and proteins involved in signal transduction. Experimental Cell Research, 2010, 316, 1977-1984.	1.2	241
5	From the Golgiâ€“Cajal mapping to the transmitter-based characterization of the neuronal networks leading to two modes of brain communication: Wiring and volume transmission. Brain Research Reviews, 2007, 55, 17-54.	9.1	205
6	Endothelial cells in the bone marrow of patients with multiple myeloma. Blood, 2003, 102, 3340-3348.	0.6	173
7	Time course, localization and pharmacological modulation of immediate early inducible genes, brain-derived neurotrophic factor and trkB messenger RNAs in the rat brain following photochemical stroke. Neuroscience, 1993, 55, 473-490.	1.1	166
8	miR-17 family of microRNAs controls FGF10-mediated embryonic lung epithelial branching morphogenesis through MAPK14 and STAT3 regulation of E-Cadherin distribution. Developmental Biology, 2009, 333, 238-250.	0.9	162
9	Chondrocyte aggregation and reorganization into three-dimensional scaffolds. , 1999, 46, 337-346.		136
10	A new image analysis method based on topological and fractal parameters to evaluate the angiostatic activity of docetaxel by using the Matrigel assay in vitro. Microvascular Research, 2004, 67, 117-124.	1.1	125
11	The G Protein-Coupled Receptor Heterodimer Network (GPCR-HetNet) and Its Hub Components. International Journal of Molecular Sciences, 2014, 15, 8570-8590.	1.8	124
12	Morphological analysis of articular cartilage biopsies from a randomized, clinical study comparing the effects of 500â€“730kDa sodium hyaluronate (HyalganÂ®) and methylprednisolone acetate on primary osteoarthritis of the knee. Osteoarthritis and Cartilage, 2001, 9, 371-381.	0.6	121
13	Intramembrane receptorâ€“receptor interactions: a novel principle in molecular medicine. Journal of Neural Transmission, 2007, 114, 49-75.	1.4	113
14	Anti-Fas-induced apoptosis in chondrocytes reduced by hyaluronan: Evidence for CD44 and CD54 (intercellular adhesion molecule 1) involvement. Arthritis and Rheumatism, 2001, 44, 1800-1807.	6.7	111
15	Endocrine Disruption of Androgenic Activity by Perfluoroalkyl Substances: Clinical and Experimental Evidence. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1259-1271.	1.8	102
16	Aspects of neural plasticity in the central nervous systemâ€”I. Computer-assisted image analysis methods. Neurochemistry International, 1990, 16, 383-418.	1.9	94
17	3D reconstruction of the crural and thoracolumbar fasciae. Surgical and Radiologic Anatomy, 2011, 33, 855-862.	0.6	92
18	Intratracheal administration of clinical-grade mesenchymal stem cell-derived extracellular vesicles reduces lung injury in a rat model of bronchopulmonary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L6-L19.	1.3	91

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19	Dopamine D2 and D4 receptor heteromerization and its allosteric receptorâ€“receptor interactions. Biochemical and Biophysical Research Communications, 2011, 404, 928-934.	1.0	88
20	Exosomes From Astrocyte Processes: Signaling to Neurons. Frontiers in Pharmacology, 2019, 10, 1452.	1.6	84
21	GPCR Heteromers and their Allosteric Receptor-Receptor Interactions. Current Medicinal Chemistry, 2012, 19, 356-363.	1.2	83
22	Loss of inhibitory semaphorin 3A (SEMA3A) autocrine loops in bone marrow endothelial cells of patients with multiple myeloma. Blood, 2006, 108, 1661-1667.	0.6	79
23	Mast cells and angiogenesis in gastric carcinoma. International Journal of Experimental Pathology, 2010, 91, 350-356.	0.6	79
24	Adenosine A2A agonist CGS 21680 decreases the affinity of dopamine D2 receptors for dopamine in human striatum. NeuroReport, 2001, 12, 1831-1834.	0.6	78
25	Cell composition of the human pulmonary valve: a comparative study with the aortic valveâ€“the VESALIOâˆ— projectâˆ—â€”Vitalitate Exornatum Succedaneum Aorticum Labore Ingegnoso Obtinebitur. Annals of Thoracic Surgery, 2000, 70, 1594-1600.	0.7	77
26	The role of botulinum toxin injection and upper esophageal sphincter myotomy in treating oropharyngeal dysphagia. Journal of Gastrointestinal Surgery, 2004, 8, 997-1006.	0.9	77
27	Dopamine heteroreceptor complexes as therapeutic targets in Parkinsonâ€™s disease. Expert Opinion on Therapeutic Targets, 2015, 19, 377-398.	1.5	75
28	The changing world of G protein-coupled receptors: from monomers to dimers and receptor mosaics with allosteric receptorâ€“receptor interactions. Journal of Receptor and Signal Transduction Research, 2010, 30, 272-283.	1.3	74
29	Receptorâ€“Receptor Interactions, Receptor Mosaics, and Basic Principles of Molecular Network Organization: Possible Implications for Drug Development. Journal of Molecular Neuroscience, 2005, 26, 193-208.	1.1	72
30	Microvesicle and tunneling nanotube mediated intercellular transfer of g-protein coupled receptors in cell cultures. Experimental Cell Research, 2012, 318, 603-613.	1.2	70
31	Ghrelin inhibits FGF-2-mediated angiogenesis in vitro and in vivo. Peptides, 2004, 25, 2179-2185.	1.2	69
32	miR-142-3pbalances proliferation and differentiation of mesenchymal cells during lung development. Development (Cambridge), 2014, 141, 1272-1281.	1.2	68
33	Adenosine receptor containing oligomers: Their role in the control of dopamine and glutamate neurotransmission in the brain. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1245-1255.	1.4	67
34	Evaluation of gold nanoparticles toxicity towards human endothelial cells under static and flow conditions. Microvascular Research, 2015, 97, 147-155.	1.1	64
35	A VEGF-dependent autocrine loop mediates proliferation and capillarogenesis in bone marrow endothelial cells of patients with multiple myeloma. Thrombosis and Haemostasis, 2004, 92, 1438-1445.	1.8	61
36	A2Aâ€Ð2 receptorâ€“receptor interaction modulates gliotransmitter release from striatal astrocyte processes. Journal of Neurochemistry, 2017, 140, 268-279.	2.1	60

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37	Receptorâ€“receptor interactions: A novel concept in brain integration. Progress in Neurobiology, 2010, 90, 157-175.	2.8	57
38	Vinblastine inhibits the angiogenic response induced by adrenomedullin in vitro and in vivo. Oncogene, 2003, 22, 6458-6461.	2.6	56
39	Adrenomedullin stimulates angiogenic response in cultured human vascular endothelial cells: Involvement of the vascular endothelial growth factor receptor 2. Peptides, 2008, 29, 2013-2023.	1.2	55
40	Intussusceptive microvascular growth in human glioma. Clinical and Experimental Medicine, 2010, 10, 93-98.	1.9	55
41	Moonlighting characteristics of G proteinâ€coupled receptors: Focus on receptor heteromers and relevance for neurodegeneration. IUBMB Life, 2011, 63, 463-472.	1.5	55
42	Angiogenesis and mast cells in human breast cancer sentinel lymph nodes with and without micrometastases. Histopathology, 2007, 51, 837-842.	1.6	54
43	Effects of Hyperbaric Oxygen on Proliferative and Apoptotic Activities and Reactive Oxygen Species Generation in Mouse Fibroblast 3T3/J2 Cell Line. Journal of Investigative Medicine, 2003, 51, 227-232.	0.7	53
44	Allosteric Modulation of Dopamine D2Receptors by Homocysteine. Journal of Proteome Research, 2006, 5, 3077-3083.	1.8	53
45	Solitary Tract Nuclei in Acute Heart Failure. Stroke, 2000, 31, 1187-1193.	1.0	49
46	Long-term global retinal microvascular changes in a transgenic vascular endothelial growth factor mouse model. Diabetologia, 2006, 49, 1690-1701.	2.9	49
47	Transcriptional regulation of hypoxia-inducible factor 1Î± by HIPK2 suggests a novel mechanism to restrain tumor growth. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 368-377.	1.9	48
48	A boolean network modelling of receptor mosaics relevance of topology and cooperativity. Journal of Neural Transmission, 2007, 114, 77-92.	1.4	45
49	Endothelial Differentiation of Hematopoietic Stem and Progenitor Cells from Patients with Multiple Myeloma. Clinical Cancer Research, 2008, 14, 1678-1685.	3.2	44
50	New Methods to Evaluate Colocalization of Fluorophores in Immunocytochemical Preparations as Exemplified by a Study on A2A and D2 Receptors in Chinese Hamster Ovary Cells. Journal of Histochemistry and Cytochemistry, 2005, 53, 941-953.	1.3	43
51	Heterodimers and Receptor Mosaics of Different Types of G-Protein-Coupled Receptors. Physiology, 2008, 23, 322-332.	1.6	43
52	Osteocalcin and Sex Hormone Binding Globulin Compete on a Specific Binding Site of GPRC6A. Endocrinology, 2016, 157, 4473-4486.	1.4	43
53	Structural plasticity in G-protein coupled receptors as demonstrated by the allosteric actions of homocysteine and computer-assisted analysis of disordered domains. Brain Research Reviews, 2008, 58, 459-474.	9.1	42
54	The Infrapatellar Adipose Body: A Histotopographic Study. Cells Tissues Organs, 2016, 201, 220-231.	1.3	41

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55	On the role of receptorâ€“receptor interactions and volume transmission in learning and memory. Brain Research Reviews, 2007, 55, 119-133.	9.1	40
56	Mosaic, self-similarity logic and biological attraction principles. Communicative and Integrative Biology, 2009, 2, 552-563.	0.6	40
57	Interaction of ganglioside GM1 with the B subunit of cholera toxin modulates intracellular free calcium in sensory neurons. Journal of Neuroscience Research, 1992, 33, 466-475.	1.3	39
58	Studies on homocysteine and dehydroepiandrosterone sulphate plasma levels in alzheimerâ€™s disease patients and in Parkinsonâ€™s disease patients. Neurotoxicity Research, 2004, 6, 327-332.	1.3	39
59	Role of angiotensin II, endothelin-1 and L-type calcium channel in the development of glomerular, tubulointerstitial and perivascular fibrosis. Journal of Hypertension, 2008, 26, 2022-2029.	0.3	39
60	G-protein-coupled receptor type A heteromers as an emerging therapeutic target. Expert Opinion on Therapeutic Targets, 2015, 19, 265-283.	1.5	39
61	Increased Cardiovascular Risk Associated with Chemical Sensitivity to Perfluoroâ€“Octanoic Acid: Role of Impaired Platelet Aggregation. International Journal of Molecular Sciences, 2020, 21, 399.	1.8	39
62	Fluoxetine-induced proliferation and differentiation of neural progenitor cells isolated from rat postnatal cerebellum. Biochemical Pharmacology, 2008, 76, 391-403.	2.0	37
63	A simple mathematical model of cooperativity in receptor mosaics based on the â€œsymmetry ruleâ€. BioSystems, 2005, 80, 165-173.	0.9	36
64	Understanding neuronal molecular networks builds on neuronal cellular network architecture. Brain Research Reviews, 2008, 58, 379-399.	9.1	36
65	Receptor-Receptor Interactions as a Widespread Phenomenon: Novel Targets for Drug Development?. Frontiers in Endocrinology, 2019, 10, 53.	1.5	36
66	Order and disorder in the vascular network. Leukemia, 2004, 18, 1745-1750.	3.3	35
67	Computer-Assisted Image Analysis of Caveolin-1 Involvement in the Internalization Process of Adenosine A_{2A}â€“Dopamine D₂ Receptor Heterodimers. Journal of Molecular Neuroscience, 2005, 26, 177-184.	1.1	35
68	Urotensin-II as an angiogenic factor. Peptides, 2010, 31, 1219-1224.	1.2	35
69	Epo is involved in angiogenesis in human glioma. Journal of Neuro-Oncology, 2011, 102, 51-58.	1.4	35
70	Generation of a Î±-synuclein-based rat model of Parkinson's disease. Neurobiology of Disease, 2008, 30, 8-18.	2.1	34
71	The Neurobiology of Imagination: Possible Role of Interaction-Dominant Dynamics and Default Mode Network. Frontiers in Psychology, 2013, 4, 296.	1.1	34
72	On the role of the extracellular space on the holistic behavior of the brain. Reviews in the Neurosciences, 2015, 26, 489-506.	1.4	34

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73	Endothelinâ€1 Drives Epithelialâ€Mesenchymal Transition in Hypertensive Nephroangiosclerosis. Journal of the American Heart Association, 2016, 5, .	1.6	34
74	Histopathology of carotid body in heroin addiction. Possible chemosensitive impairment. Histopathology, 2005, 46, 296-306.	1.6	33
75	G protein-coupled receptor-receptor interactions give integrative dynamics to intercellular communication. Reviews in the Neurosciences, 2018, 29, 703-726.	1.4	33
76	The brain as a system of nested but partially overlapping networks. Heuristic relevance of the model for brain physiology and pathology. Journal of Neural Transmission, 2007, 114, 3-19.	1.4	32
77	A New Hypothesis of Pathogenesis Based on the Divorce between Mitochondria and their Host Cells: Possible Relevance for Alzheimers Disease. Current Alzheimer Research, 2010, 7, 307-322.	0.7	32
78	Endocrine disruption of vitamin D activity by perfluoro-octanoic acid (PFOA). Scientific Reports, 2020, 10, 16789.	1.6	31
79	Receptor-receptor interactions in heteroreceptor complexes: a new principle in biology. Focus on their role in learning and memory. Neuroscience Discovery, 2014, 2, 6.	0.6	31
80	Urotensin-II and its receptor (UT-R) are expressed in rat brain endothelial cells, and urotensin-II via UT-R stimulates angiogenesis in vivo and in vitro. International Journal of Molecular Medicine, 2006, 18, 1107-12.	1.8	31
81	One century of progress in neuroscience founded on Golgi and Cajal's outstanding experimental and theoretical contributions. Brain Research Reviews, 2007, 55, 167-189.	9.1	30
82	On the expanding terminology in the GPCR field: The meaning of receptor mosaics and receptor heteromers. Journal of Receptor and Signal Transduction Research, 2010, 30, 287-303.	1.3	30
83	An integrated view on the role of receptor mosaics at perisynaptic level: focus on adenosine A_{2A}, dopamine D₂, cannabinoid CB₁, and metabotropic glutamate mGlu₅receptors. Journal of Receptor and Signal Transduction Research, 2010, 30, 355-369.	1.3	30
84	Neuroglobin as a regulator of mitochondrial-dependent apoptosis: A bioinformatics analysis. International Journal of Molecular Medicine, 2014, 33, 111-116.	1.8	30
85	Warfarin, but not rivaroxaban, promotes the calcification of the aortic valve in ApoEâ^'/â^' mice. Cardiovascular Therapeutics, 2018, 36, e12438.	1.1	30
86	Ghrelin inhibits in vitro angiogenic activity of rat brain microvascular endothelial cells. International Journal of Molecular Medicine, 2004, 14, 849-54.	1.8	30
87	In complete SCI patients, long-term functional electrical stimulation of permanent denervated muscles increases epidermis thickness. Neurological Research, 2018, 40, 277-282.	0.6	29
88	A Closer Look at the Cellular and Molecular Components of the Deep/Muscular Fasciae. International Journal of Molecular Sciences, 2021, 22, 1411.	1.8	29
89	Intratracheal administration of mesenchymal stem cell-derived extracellular vesicles reduces lung injuries in a chronic rat model of bronchopulmonary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L688-L704.	1.3	29
90	How Proteins Come Together in the Plasma Membrane and Function in Macromolecular Assemblies: Focus on Receptor Mosaics. Journal of Molecular Neuroscience, 2005, 26, 133-154.	1.1	28

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91	Homocysteine and A2A-D2 Receptor-Receptor Interaction at Striatal Astrocyte Processes. Journal of Molecular Neuroscience, 2018, 65, 456-466.	1.1	27
92	An anatomical comparison of the fasciae of the thigh: A macroscopic, microscopic and ultrasound imaging study. Journal of Anatomy, 2021, 238, 999-1009.	0.9	27
93	Effects of Hyperbaric Oxygen on Proliferative and Apoptotic Activities and Reactive Oxygen Species Generation in Mouse Fibroblast 3T3/J2 Cell Line. Journal of Investigative Medicine, 2003, 51, 227.	0.7	27
94	Effects on in vitro and in vivo angiogenesis induced by small peptides carrying adhesion sequences. Journal of Peptide Science, 2010, 16, 349-357.	0.8	26
95	Evidence of a new hidden neural network into deep fasciae. Scientific Reports, 2021, 11, 12623.	1.6	26
96	The renal antifibrotic effects of angiotensin-converting enzyme inhibition involve bradykinin B2 receptor activation in angiotensin II-dependent hypertension. Journal of Hypertension, 2006, 24, 1419-1427.	0.3	25
97	Central Nervous System and Computation. Quarterly Review of Biology, 2011, 86, 265-285.	0.0	25
98	Role of iso-receptors in receptor-receptor interactions with a focus on dopamine iso-receptor complexes. Reviews in the Neurosciences, 2016, 27, 1-25.	1.4	25
99	A2A-D2 Heteromers on Striatal Astrocytes: Biochemical and Biophysical Evidence. International Journal of Molecular Sciences, 2019, 20, 2457.	1.8	25
100	Differential Sensitivity of A2A and Especially D2 Receptor Trafficking to Cocaine Compared with Lipid Rafts in Cotransfected CHO Cell Lines. Novel Actions of Cocaine Independent of the DA Transporter. Journal of Molecular Neuroscience, 2010, 41, 347-357.	1.1	23
101	Neuronal correlates to consciousness. The â€œHall of Mirrorsâ€•metaphor describing consciousness as an epiphenomenon of multiple dynamic mosaics of cortical functional modules. Brain Research, 2012, 1476, 3-21.	1.1	23
102	Neuroglobin, a Factor Playing for Nerve Cell Survival. International Journal of Molecular Sciences, 2016, 17, 1817.	1.8	23
103	Differentiation, proliferation and apoptosis levels in human leiomyoma and leiomyosarcoma. Journal of Cancer Research and Clinical Oncology, 1998, 124, 93-105.	1.2	22
104	Effects of nitric oxide inhibition on the spread of biotinylated dextran and on extracellular space parameters in the neostriatum of the male rat. Neuroscience, 1999, 91, 69-80.	1.1	22
105	Urotensin-II-stimulated expression of pro-angiogenic factors in human vascular endothelial cells. Regulatory Peptides, 2011, 172, 16-22.	1.9	22
106	Information handling by the brain: proposal of a new â€œparadigmâ€•involving the roamer type of volume transmission and the tunneling nanotube type of wiring transmission. Journal of Neural Transmission, 2014, 121, 1431-1449.	1.4	22
107	Spatial distribution of mast cells and macrophages around tumor glands in human breast ductal carcinoma. Experimental Cell Research, 2017, 359, 179-184.	1.2	22
108	Corneal Toxicity of Xylazine and Clonidine, in Combination with Ketamine, in the Rat. Ophthalmic Research, 2001, 33, 345-352.	1.0	21

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109	Involvement of vascular endothelial growth factor signaling in CLR/RAMP1 and CLR/RAMP2-mediated pro-angiogenic effect of intermedin on human vascular endothelial cells. International Journal of Molecular Medicine, 2010, 26, 289-94.	1.8	21
110	Possible genetic and epigenetic links between human inner speech, schizophrenia and altruism. Brain Research, 2012, 1476, 38-57.	1.1	21
111	Effects of Cesarean Section and Vaginal Delivery on Abdominal Muscles and Fasciae. Medicina (Lithuania), 2020, 56, 260.	0.8	21
112	Possible new targets for GPCR modulation: allosteric interactions, plasma membrane domains, intercellular transfer and epigenetic mechanisms. Journal of Receptor and Signal Transduction Research, 2011, 31, 315-331.	1.3	20
113	Morphometric evaluation of populations of neuronal profiles (cell bodies, dendrites, and nerve) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	19
114	Ghrelin inhibits in vitro angiogenic activity of rat brain microvascular endothelial cells. International Journal of Molecular Medicine, 2004, 14, 849.	1.8	19
115	Brain Receptor Mosaics and Their Intramembrane Receptor-Receptor Interactions: Molecular Integration in Transmission and Novel Targets for Drug Development. JAMS Journal of Acupuncture and Meridian Studies, 2009, 2, 1-25.	0.3	19
116	New dimensions of connectomics and network plasticity in the central nervous system. Reviews in the Neurosciences, 2017, 28, 113-132.	1.4	19
117	Correlation between Zinc Level in Hippocampal Mossy Fibers and Spatial Memory in Aged Rats. Annals of the New York Academy of Sciences, 1992, 673, 187-193.	1.8	18
118	THE RECEPTOR MOSAIC HYPOTHESIS OF THE ENGRAM: POSSIBLE RELEVANCE OF BOOLEAN NETWORK MODELING. International Journal of Neural Systems, 1996, 07, 363-368.	3.2	18
119	Implications of the â€˜Energideâ€™ concept for communication and information handling in the central nervous system. Journal of Neural Transmission, 2009, 116, 1037-1052.	1.4	18
120	Tumoral mast cells exhibit a common spatial distribution. Cancer Letters, 2009, 273, 80-85.	3.2	18
121	Spatial distribution of mast cells around vessels and glands in human gastric carcinoma. Clinical and Experimental Medicine, 2017, 17, 531-539.	1.9	18
122	Brain Aging and Neuronal Plasticity. Annals of the New York Academy of Sciences, 1992, 673, 180-186.	1.8	17
123	Role of Cooperativity in Protein Folding and Protein Mosaic Assemblage Relevance for Protein Conformational Diseases. Current Protein and Peptide Science, 2007, 8, 460-470.	0.7	17
124	Mathematical modeling of the capillaryâ€like pattern generated by adrenomedullinâ€treated human vascular endothelial cells in vitro. Developmental Dynamics, 2009, 238, 1951-1963.	0.8	17
125	Pro-angiogenic activity of Urotensin-II on different human vascular endothelial cell populations. Regulatory Peptides, 2009, 157, 64-71.	1.9	17
126	Theoretical Considerations on the Topological Organization of Receptor Mosaics. Current Protein and Peptide Science, 2009, 10, 559-569.	0.7	17

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127	The pro-angiogenic activity of urotensin-II on human vascular endothelial cells involves ERK1/2 and PI3K signaling pathways. Regulatory Peptides, 2010, 162, 26-32.	1.9	17
128	Bioinformatics and mathematical modelling in the study of receptorâ€“receptor interactions and receptor oligomerization. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1267-1283.	1.4	17
129	Understanding the balance and integration of volume and synaptic transmission. Relevance for psychiatry. Neurology Psychiatry and Brain Research, 2013, 19, 141-158.	2.0	17
130	Homeostasis and the concept of 'interstitial fluids hierarchy': Relevance of cerebrospinal fluid sodium concentrations and brain temperature control (Review). International Journal of Molecular Medicine, 2017, 39, 487-497.	1.8	17
131	Sensitivity of the Fasciae to the Endocannabinoid System: Production of Hyaluronan-Rich Vesicles and Potential Peripheral Effects of Cannabinoids in Fascial Tissue. International Journal of Molecular Sciences, 2020, 21, 2936.	1.8	17
132	Nerve Growth Factor Receptor-immunoreactive Fibres Innervate the Reticular Thalamic Nucleus: Modulation by Nerve Growth Factor Treatment in Neonate, Adult and Aged Rats. European Journal of Neuroscience, 1991, 3, 1008-1015.	1.2	16
133	Proliferation of Submesothelial Mesenchymal Cells during Early Phase of Serosal Thickening in the Rabbit Bladder Is Accompanied by Transient Keratin 18 Expression. Experimental Cell Research, 1996, 223, 327-339.	1.2	16
134	Opposite patterns of age-associated changes in neurons and glial cells of the thalamus of human brain. Neurobiology of Aging, 2008, 29, 926-936.	1.5	15
135	Randomized placebo-controlled trial on local applications of opioids after hemorrhoidectomy. Techniques in Coloproctology, 2009, 13, 219-224.	0.8	14
136	Non-random spatial relationships between mast cells and microvessels in human endometrial carcinoma. Clinical and Experimental Medicine, 2017, 17, 71-77.	1.9	14
137	The brain as a â€œhyper-networkâ€: the key role of neural networks as main producers of the integrated brain actions especially via the â€œbroadcastedâ€•neuroconnectomics. Journal of Neural Transmission, 2018, 125, 883-897.	1.4	14
138	Dermal papillae flattening of thigh skin in Conus Cauda Syndrome. European Journal of Translational Myology, 2018, 28, 7914.	0.8	14
139	Two years of Functional Electrical Stimulation by large surface electrodes for denervated muscles improve skin epidermis in SCI. European Journal of Translational Myology, 2018, 28, 7373.	0.8	14
140	Ultrasound Imaging of Crural Fascia and Epimysial Fascia Thicknesses in Basketball Players with Previous Ankle Sprains Versus Healthy Subjects. Diagnostics, 2021, 11, 177.	1.3	14
141	Elastic Fibres in the subcutaneous tissue: Is there a difference between superficial and muscular fascia? A cadaver study. Skin Research and Technology, 2022, 28, 21-27.	0.8	14
142	An image analysis of the spatial distribution of perivascular mast cells in human melanoma. International Journal of Molecular Medicine, 2006, 17, 981-7.	1.8	14
143	A comparative study of the spatial distribution of mast cells and microvessels in the foetal, adult human thymus and thymoma. International Journal of Experimental Pathology, 2010, 91, 17-23.	0.6	13
144	The â€œself-similarity logicâ€•applied to the development of the vascular system. Developmental Biology, 2011, 351, 156-162.	0.9	13

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145	Fractal analysis of alveolarization in hyperoxia-induced rat models of bronchopulmonary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L680-L688.	1.3	13
146	Two-years of home based functional electrical stimulation recovers epidermis from atrophy and flattening after years of complete Conus-Cauda Syndrome. Medicine (United States), 2019, 98, e18509.	0.4	13
147	Adenosine A2A-dopamine D2 receptor-receptor interaction in neurons and astrocytes: Evidence and perspectives. Progress in Molecular Biology and Translational Science, 2020, 169, 247-277.	0.9	13
148	Viscosupplementation with high molecular weight native hyaluronan. Focus on a 1500-2000 KDa fraction (HyalubrixÂ®). European Review for Medical and Pharmacological Sciences, 2014, 18, 3326-38.	0.5	13
149	Carboxylation-dependent conformational changes of human osteocalcin. Frontiers in Bioscience - Landmark, 2014, 19, 1105.	3.0	12
150	Fractal analysis of the structural complexity of the connective tissue in human carotid bodies. Frontiers in Physiology, 2014, 5, 432.	1.3	12
151	An easy-to-handle microfluidic device suitable for immunohistochemical procedures in mammalian cells grown under flow conditions. European Journal of Histochemistry, 2014, 58, 2360.	0.6	11
152	Heterodimer of A2A and Oxytocin Receptors Regulating Glutamate Release in Adult Striatal Astrocytes. International Journal of Molecular Sciences, 2022, 23, 2326.	1.8	11
153	Anatomic distribution of apoptosis in medulla oblongata of infants and adults. Journal of Anatomy, 2008, 212, 106-113.	0.9	10
154	Synthesis, in vitro and in vivo preliminary evaluation of anti-angiogenic properties of some pyrroloazaflavones. Bioorganic and Medicinal Chemistry, 2011, 19, 448-457.	1.4	10
155	Quantitative study of neuronal degeneration induced by Ricinus toxin and crush of postganglionic nerves in the ciliary ganglion of quail. Neuroscience, 1991, 42, 893-900.	1.1	9
156	Acute isoproterenol induces anxiety-like behavior in rats and increases plasma content of extracellular vesicles. Physiology and Behavior, 2015, 142, 79-84.	1.0	9
157	Effect of Lamininâ€A4 inhibition on cluster formation of human osteoarthritic chondrocytes. Journal of Orthopaedic Research, 2016, 34, 419-426.	1.2	9
158	Receptorâ€“Receptor Interactions of G Protein-Coupled Receptors in the Carotid Body: A Working Hypothesis. Frontiers in Physiology, 2018, 9, 697.	1.3	9
159	Age-Dependent Remodeling in Infrapatellar Fat Pad Adipocytes and Extracellular Matrix: A Comparative Study. Frontiers in Medicine, 2021, 8, 661403.	1.2	9
160	Gene silencing of human RAMP2 mediated by short-interfering RNA. International Journal of Molecular Medicine, 2006, 18, 531-5.	1.8	9
161	Fine ultrastructure of chromaffin granules in rat adrenal medulla indicative of a vesicle-mediated secretory process. Anatomy and Embryology, 2005, 211, 79-86.	1.5	8
162	Morphometry and mathematical modelling of the capillary-like patterns formed in vitro by bone marrow macrophages of patients with multiple myeloma. Leukemia, 2007, 21, 2201-2203.	3.3	8

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163	Prolonged zidovudine administration induces a moderate increase in the growth and steroidogenic capacity of the rat adrenal cortex. International Journal of Molecular Medicine, 2009, 23, 799-804.	1.8	8
164	Common key-signals in learning and neurodegeneration: focus on excito-amino acids, Î²-amyloid peptides and Î±-synuclein. Journal of Neural Transmission, 2009, 116, 953-974.	1.4	8
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