

# Diego Guidolin

## List of Publications by Year in descending order

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224  
papers

7,835  
citations

50170

46  
h-index

74018

75  
g-index

225  
all docs

225  
docs citations

225  
times ranked

8806  
citing authors

#	ARTICLE	IF	CITATIONS
1	Man is a "Rope" Stretched Between Virosphere and Humanoid Robots: On the Urgent Need of an Ethical Code for Ecosystem Survival. <i>Foundations of Science</i> , 2022, 27, 311-325.	0.4	3
2	Elastic Fibres in the subcutaneous tissue: Is there a difference between superficial and muscular fascia? A cadaver study. <i>Skin Research and Technology</i> , 2022, 28, 21-27.	0.8	14
3	From Gilgamesh's quest for immortality to everlasting cloud hyper-collective mind: ethical implications for artificial intelligence. <i>Global Knowledge, Memory and Communication</i> , 2022, ahead-of-print, .	0.9	0
4	Trauma of Peripheral Innervation Impairs Content of Epidermal Langerhans Cells. <i>Diagnostics</i> , 2022, 12, 567.	1.3	2
5	Heterodimer of A2A and Oxytocin Receptors Regulating Glutamate Release in Adult Striatal Astrocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2326.	1.8	11
6	Age-Related Alterations of Hyaluronan and Collagen in Extracellular Matrix of the Muscle Spindles. <i>Journal of Clinical Medicine</i> , 2022, 11, 86.	1.0	8
7	Intercellular Communication in the Central Nervous System as Deduced by Chemical Neuroanatomy and Quantitative Analysis of Images: Impact on Neuropharmacology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5805.	1.8	7
8	Morphogenesis of vascular and neuronal networks and the relationships between their remodeling processes. <i>Brain Research Bulletin</i> , 2022, 186, 62-69.	1.4	6
9	An anatomical comparison of the fasciae of the thigh: A macroscopic, microscopic and ultrasound imaging study. <i>Journal of Anatomy</i> , 2021, 238, 999-1009.	0.9	27
10	Ultrasound Imaging of Crural Fascia and Epimysial Fascia Thicknesses in Basketball Players with Previous Ankle Sprains Versus Healthy Subjects. <i>Diagnostics</i> , 2021, 11, 177.	1.3	14
11	A Closer Look at the Cellular and Molecular Components of the Deep/Muscular Fasciae. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1411.	1.8	29
12	To contrast and reverse skeletal muscle weakness by Full-Body In-Bed Gym in chronic COVID-19 pandemic syndrome. <i>European Journal of Translational Myology</i> , 2021, 31, .	0.8	7
13	Sperm Cholesterol Content Modifies Sperm Function and TRPV1-Mediated Sperm Migration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3126.	1.8	4
14	Experimental Evidence of A2A "D2 Receptor" Receptor Interactions in the Rat and Human Carotid Body. <i>Frontiers in Physiology</i> , 2021, 12, 645723.	1.3	3
15	Intratracheal administration of mesenchymal stem cell-derived extracellular vesicles reduces lung injuries in a chronic rat model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L688-L704.	1.3	29
16	Age-Dependent Remodeling in Infrapatellar Fat Pad Adipocytes and Extracellular Matrix: A Comparative Study. <i>Frontiers in Medicine</i> , 2021, 8, 661403.	1.2	9
17	Different spatial distribution of inflammatory cells in the tumor microenvironment of ABC and GBC subgroups of diffuse large B cell lymphoma. <i>Clinical and Experimental Medicine</i> , 2021, 21, 573-578.	1.9	4
18	Evidence of a new hidden neural network into deep fasciae. <i>Scientific Reports</i> , 2021, 11, 12623.	1.6	26

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19	Pilot Study of Sacroiliac Joint Dysfunction Treated with a Single Session of Fascial Manipulation® Method: Clinical Implications for Effective Pain Reduction. <i>Medicina (Lithuania)</i> , 2021, 57, 691.	0.8	8
20	Receptor Receptor Interactions and Glial Cell Functions with a Special Focus on G Protein-Coupled Receptors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8656.	1.8	7
21	Exposure to Perfluoro-Octanoic Acid Associated With Upstream Uncoupling of the Insulin Signaling in Human Hepatocyte Cell Line. <i>Frontiers in Endocrinology</i> , 2021, 12, 632927.	1.5	6
22	Heteromerization as a Mechanism Modulating the Affinity of the ACE2 Receptor to the Receptor Binding Domain of SARS-CoV-2 Spike Protein. <i>Current Proteomics</i> , 2021, 18, 695-704.	0.1	2
23	Spatial Statistics-Based Image Analysis Methods for the Study of Vascular Morphogenesis. <i>Methods in Molecular Biology</i> , 2021, 2206, 67-88.	0.4	5
24	“Venice marathon” participation of female Master Athletes shows a constant increase from 2003 to 2019. <i>European Journal of Translational Myology</i> , 2021, 31, .	0.8	4
25	Ultrasound Imaging of Brachial and Antebrachial Fasciae. <i>Diagnostics</i> , 2021, 11, 2261.	1.3	7
26	Spatial distribution of blood vessels in the chick embryo chorioallantoic membrane. <i>International Journal of Developmental Biology</i> , 2021, . .	0.3	2
27	Ultrasound Imaging of Head/Neck Muscles and Their Fasciae: An Observational Study. <i>Frontiers in Rehabilitation Sciences</i> , 2021, 2, .	0.5	4
28	Morphometric analysis of the branching of the vascular tree in the chick embryo area vasculosa. <i>Microvascular Research</i> , 2020, 128, 103935.	1.1	7
29	Endocrine disruption of vitamin D activity by perfluoro-octanoic acid (PFOA). <i>Scientific Reports</i> , 2020, 10, 16789.	1.6	31
30	Quantitative Evaluation of the Echo Intensity of Paraneural Area and Myofascial Structure around Median Nerve in Carpal Tunnel Syndrome. <i>Diagnostics</i> , 2020, 10, 914.	1.3	8
31	Effects of Cesarean Section and Vaginal Delivery on Abdominal Muscles and Fasciae. <i>Medicina (Lithuania)</i> , 2020, 56, 260.	0.8	21
32	High-Quality Digital 3D Reconstruction of Microscopic Findings in Forensic Pathology: The Terminal Pathway of a Heart Stab Wound*. <i>Journal of Forensic Sciences</i> , 2020, 65, 2155-2159.	0.9	8
33	Increased Cardiovascular Risk Associated with Chemical Sensitivity to Perfluoro-Octanoic Acid: Role of Impaired Platelet Aggregation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 399.	1.8	39
34	Adenosine A2A-dopamine D2 receptor-receptor interaction in neurons and astrocytes: Evidence and perspectives. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 169, 247-277.	0.9	13
35	Sensitivity of the Fasciae to the Endocannabinoid System: Production of Hyaluronan-Rich Vesicles and Potential Peripheral Effects of Cannabinoids in Fascial Tissue. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2936.	1.8	17
36	From the hierarchical organization of the central nervous system to the hierarchical aspects of biocodes. <i>BioSystems</i> , 2019, 183, 103975.	0.9	4

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37	A New Integrative Theory of Brain-Body-Ecosystem Medicine: From the Hippocratic Holistic View of Medicine to Our Modern Society. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3136.	1.2	6
38	A2A-D2 Heteromers on Striatal Astrocytes: Biochemical and Biophysical Evidence. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2457.	1.8	25
39	Receptor-Receptor Interactions as a Widespread Phenomenon: Novel Targets for Drug Development?. <i>Frontiers in Endocrinology</i> , 2019, 10, 53.	1.5	36
40	Two-years of home based functional electrical stimulation recovers epidermis from atrophy and flattening after years of complete Conus-Cauda Syndrome. <i>Medicine (United States)</i> , 2019, 98, e18509.	0.4	13
41	Exosomes From Astrocyte Processes: Signaling to Neurons. <i>Frontiers in Pharmacology</i> , 2019, 10, 1452.	1.6	84
42	Nerve cells developmental processes and the dynamic role of cytokine signaling. <i>International Journal of Developmental Neuroscience</i> , 2019, 77, 3-17.	0.7	7
43	Endocrine Disruption of Androgenic Activity by Perfluoroalkyl Substances: Clinical and Experimental Evidence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1259-1271.	1.8	102
44	Intratracheal administration of clinical-grade mesenchymal stem cell-derived extracellular vesicles reduces lung injury in a rat model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L6-L19.	1.3	91
45	SHBG141â€™161 Domain-Peptide Stimulates GPRC6A-Mediated Response in Leydig and Î²-Langerhans cell lines. <i>Scientific Reports</i> , 2019, 9, 19432.	1.6	5
46	In complete SCI patients, long-term functional electrical stimulation of permanent denervated muscles increases epidermis thickness. <i>Neurological Research</i> , 2018, 40, 277-282.	0.6	29
47	G protein-coupled receptor-receptor interactions give integrative dynamics to intercellular communication. <i>Reviews in the Neurosciences</i> , 2018, 29, 703-726.	1.4	33
48	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. <i>Journal of Neural Transmission</i> , 2018, 125, 883-897.	1.4	14
49	Functional roles of three cues that provide nonsynaptic modes of communication in the brain: electromagnetic field, oxygen, and carbon dioxide. <i>Journal of Neurophysiology</i> , 2018, 119, 356-368.	0.9	5
50	Dermal papillae flattening of thigh skin in Conus Cauda Syndrome. <i>European Journal of Translational Myology</i> , 2018, 28, 7914.	0.8	14
51	Two years of Functional Electrical Stimulation by large surface electrodes for denervated muscles improve skin epidermis in SCI. <i>European Journal of Translational Myology</i> , 2018, 28, 7373.	0.8	14
52	Warfarin, but not rivaroxaban, promotes the calcification of the aortic valve in ApoEâ€™/â€™ mice. <i>Cardiovascular Therapeutics</i> , 2018, 36, e12438.	1.1	30
53	Inner speech mis-exaptation can cause the â€œHubrisâ€ that speeds up ecosystem over-exploitation. <i>Neurology Psychiatry and Brain Research</i> , 2018, 30, 62-73.	2.0	2
54	Receptorâ€™Receptor Interactions of G Protein-Coupled Receptors in the Carotid Body: A Working Hypothesis. <i>Frontiers in Physiology</i> , 2018, 9, 697.	1.3	9

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55	Homocysteine and A2A-D2 Receptor-Receptor Interaction at Striatal Astrocyte Processes. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 456-466.	1.1	27
56	Non-random spatial relationships between mast cells and microvessels in human endometrial carcinoma. <i>Clinical and Experimental Medicine</i> , 2017, 17, 71-77.	1.9	14
57	Spatial distribution of mast cells around vessels and glands in human gastric carcinoma. <i>Clinical and Experimental Medicine</i> , 2017, 17, 531-539.	1.9	18
58	The mis-exaptation of the prediction capability of humans and emergence of intolerant religious beliefs. <i>Neurology Psychiatry and Brain Research</i> , 2017, 23, 43-53.	2.0	7
59	Homeostasis and the concept of 'interstitial fluids hierarchy': Relevance of cerebrospinal fluid sodium concentrations and brain temperature control (Review). <i>International Journal of Molecular Medicine</i> , 2017, 39, 487-497.	1.8	17
60	New dimensions of connectomics and network plasticity in the central nervous system. <i>Reviews in the Neurosciences</i> , 2017, 28, 113-132.	1.4	19
61	Spatial distribution of mast cells and macrophages around tumor glands in human breast ductal carcinoma. <i>Experimental Cell Research</i> , 2017, 359, 179-184.	1.2	22
62	A2A-D2 receptor-receptor interaction modulates gliotransmitter release from striatal astrocyte processes. <i>Journal of Neurochemistry</i> , 2017, 140, 268-279.	2.1	60
63	Early protein profile of human embryonic secretome. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 620-634.	3.0	5
64	Neuroglobin, a Factor Playing for Nerve Cell Survival. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1817.	1.8	23
65	Fractal analysis of alveolarization in hyperoxia-induced rat models of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L680-L688.	1.3	13
66	Endothelin-1 Drives Epithelial-Mesenchymal Transition in Hypertensive Nephroangiosclerosis. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	34
67	Osteocalcin and Sex Hormone Binding Globulin Compete on a Specific Binding Site of GPRC6A. <i>Endocrinology</i> , 2016, 157, 4473-4486.	1.4	43
68	Does a Self-Similarity Logic Shape the Organization of the Nervous System?. <i>Springer Series in Computational Neuroscience</i> , 2016, , 137-156.	0.3	5
69	Effect of Laminin-4 inhibition on cluster formation of human osteoarthritic chondrocytes. <i>Journal of Orthopaedic Research</i> , 2016, 34, 419-426.	1.2	9
70	The multi-facet aspects of cell sentience and their relevance for the integrative brain actions: role of membrane protein energy landscape. <i>Reviews in the Neurosciences</i> , 2016, 27, 347-363.	1.4	4
71	The Infrapatellar Adipose Body: A Histotopographic Study. <i>Cells Tissues Organs</i> , 2016, 201, 220-231.	1.3	41
72	Role of iso-receptors in receptor-receptor interactions with a focus on dopamine iso-receptor complexes. <i>Reviews in the Neurosciences</i> , 2016, 27, 1-25.	1.4	25

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73	Dopamine heteroreceptor complexes as therapeutic targets in Parkinson's disease. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 377-398.	1.5	75
74	G-protein-coupled receptor type A heteromers as an emerging therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 265-283.	1.5	39
75	Acute isoproterenol induces anxiety-like behavior in rats and increases plasma content of extracellular vesicles. <i>Physiology and Behavior</i> , 2015, 142, 79-84.	1.0	9
76	A fractal analysis of the spatial distribution of tumoral mast cells in lymph nodes and bone marrow. <i>Experimental Cell Research</i> , 2015, 339, 96-102.	1.2	4
77	On the role of the extracellular space on the holistic behavior of the brain. <i>Reviews in the Neurosciences</i> , 2015, 26, 489-506.	1.4	34
78	Evaluation of gold nanoparticles toxicity towards human endothelial cells under static and flow conditions. <i>Microvascular Research</i> , 2015, 97, 147-155.	1.1	64
79	Tissue Dynamics of the Carotid Body Under Chronic Hypoxia: A Computational Study. <i>Advances in Experimental Medicine and Biology</i> , 2015, 860, 25-39.	0.8	4
80	Investigating In Vitro Angiogenesis by Computer-Assisted Image Analysis and Computational Simulation. <i>Methods in Molecular Biology</i> , 2015, 1214, 197-214.	0.4	1
81	Carboxylation-dependent conformational changes of human osteocalcin. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1105.	3.0	12
82	An easy-to-handle microfluidic device suitable for immunohistochemical procedures in mammalian cells grown under flow conditions. <i>European Journal of Histochemistry</i> , 2014, 58, 2360.	0.6	11
83	The G Protein-Coupled Receptor Heterodimer Network (GPCR-HetNet) and Its Hub Components. <i>International Journal of Molecular Sciences</i> , 2014, 15, 8570-8590.	1.8	124
84	Fractal analysis of the structural complexity of the connective tissue in human carotid bodies. <i>Frontiers in Physiology</i> , 2014, 5, 432.	1.3	12
85	Information handling by the brain: proposal of a new paradigm involving the roamer type of volume transmission and the tunneling nanotube type of wiring transmission. <i>Journal of Neural Transmission</i> , 2014, 121, 1431-1449.	1.4	22
86	miR-142-3p balances proliferation and differentiation of mesenchymal cells during lung development. <i>Development (Cambridge)</i> , 2014, 141, 1272-1281.	1.2	68
87	Neuroglobin as a regulator of mitochondrial-dependent apoptosis: A bioinformatics analysis. <i>International Journal of Molecular Medicine</i> , 2014, 33, 111-116.	1.8	30
88	Volume Transmission and the Russian-Doll Organization of Brain Cell Networks. , 2014, , 103-119.		5
89	Neuro-Semeiotics and Free-Energy Minimization Suggest a Unified Perspective for Integrative Brain Actions: Focus on Receptor Heteromers and Roamer Type of Volume Transmission. <i>Current Protein and Peptide Science</i> , 2014, 15, 703-718.	0.7	6
90	Receptor-receptor interactions in heteroreceptor complexes: a new principle in biology. Focus on their role in learning and memory. <i>Neuroscience Discovery</i> , 2014, 2, 6.	0.6	31

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91	Viscosupplementation with high molecular weight native hyaluronan. Focus on a 1500-2000 KDa fraction (Hyalubrix®). European Review for Medical and Pharmacological Sciences, 2014, 18, 3326-38.	0.5	13
92	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
93	The Neurobiology of Imagination: Possible Role of Interaction-Dominant Dynamics and Default Mode Network. Frontiers in Psychology, 2013, 4, 296.	1.1	34
94	A New Interpretative Paradigm for Conformational Protein Diseases. Current Protein and Peptide Science, 2013, 14, 141-160.	0.7	5
95	GPCR Heteromers and their Allosteric Receptor-Receptor Interactions. Current Medicinal Chemistry, 2012, 19, 356-363.	1.2	83
96	Neuronal correlates to consciousness. The "Hall of Mirrors" metaphor describing consciousness as an epiphenomenon of multiple dynamic mosaics of cortical functional modules. Brain Research, 2012, 1476, 3-21.	1.1	23
97	Possible genetic and epigenetic links between human inner speech, schizophrenia and altruism. Brain Research, 2012, 1476, 38-57.	1.1	21
98	Bioinformatics aggregation predictors in the study of protein conformational diseases of the human nervous system. Electrophoresis, 2012, 33, 3669-3679.	1.3	7
99	Tube Formation In Vitro Angiogenesis Assay. Methods in Cell Biology, 2012, , 281-293.	0.5	2
100	Aspects on the integrative actions of the brain from neural networks to "brain-body medicine". Journal of Receptor and Signal Transduction Research, 2012, 32, 163-180.	1.3	8
101	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
102	Central Nervous System and Computation. Quarterly Review of Biology, 2011, 86, 265-285.	0.0	25
103	Bioinformatics and mathematical modelling in the study of receptor-receptor interactions and receptor oligomerization. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1267-1283.	1.4	17
104	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
105	Dopamine D2 and D4 receptor heteromerization and its allosteric receptor-receptor interactions. Biochemical and Biophysical Research Communications, 2011, 404, 928-934.	1.0	88
106	The "self-similarity logic" applied to the development of the vascular system. Developmental Biology, 2011, 351, 156-162.	0.9	13
107	Cell-Oriented Modeling of Angiogenesis. Scientific World Journal, The, 2011, 11, 1735-1748.	0.8	7
108	Urotensin-II-stimulated expression of pro-angiogenic factors in human vascular endothelial cells. Regulatory Peptides, 2011, 172, 16-22.	1.9	22

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109	In vitro and in vivo pro-angiogenic effects of thymosin- $\beta$ 4-derived peptides. Cellular Immunology, 2011, 271, 299-307.	1.4	8
110	Epo is involved in angiogenesis in human glioma. Journal of Neuro-Oncology, 2011, 102, 51-58.	1.4	35
111	3D reconstruction of the crural and thoracolumbar fasciae. Surgical and Radiologic Anatomy, 2011, 33, 855-862.	0.6	92
112	Moonlighting characteristics of G protein-coupled receptors: Focus on receptor heteromers and relevance for neurodegeneration. IUBMB Life, 2011, 63, 463-472.	1.5	55
113	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
114	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
115	Hic-5 as a regulator of endothelial cell morphology and connective tissue growth factor gene expression. Journal of Molecular Medicine, 2010, 88, 623-631.	1.7	6
116	Intussusceptive microvascular growth in human glioma. Clinical and Experimental Medicine, 2010, 10, 93-98.	1.9	55
117	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
118	Understanding wiring and volume transmission. Brain Research Reviews, 2010, 64, 137-159.	9.1	242
119	C2C12 myoblasts release micro-vesicles containing mtDNA and proteins involved in signal transduction. Experimental Cell Research, 2010, 316, 1977-1984.	1.2	241
120	Effects on <i>in vitro</i> and <i>in vivo</i> angiogenesis induced by small peptides carrying adhesion sequences. Journal of Peptide Science, 2010, 16, 349-357.	0.8	26
121	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
122	Mast cells and angiogenesis in gastric carcinoma. International Journal of Experimental Pathology, 2010, 91, 350-356.	0.6	79
123	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
124	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
125	The multifaceted world of angiogenesis control. Expert Opinion on Therapeutic Targets, 2010, 14, 1135-1138.	1.5	3
126	Urotensin-II as an angiogenic factor. Peptides, 2010, 31, 1219-1224.	1.2	35



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127	Receptor-receptor interactions: A novel concept in brain integration. Progress in Neurobiology, 2010, 90, 157-175.	2.8	57
128	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
129	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
130	The changing world of G protein-coupled receptors: from monomers to dimers and receptor mosaics with allosteric receptor-receptor interactions. Journal of Receptor and Signal Transduction Research, 2010, 30, 272-283.	1.3	74
131	An integrated view on the role of receptor mosaics at perisynaptic level: focus on adenosine A <sub>2A</sub> , dopamine D <sub>2</sub> , cannabinoid CB <sub>1</sub> , and metabotropic glutamate mGlu <sub>5</sub> receptors. Journal of Receptor and Signal Transduction Research, 2010, 30, 355-369.	1.3	30
132	Dopamine Receptor Oligomerization. , 2010, , 255-280.		2
133	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
134	Transcriptional regulation of hypoxia-inducible factor 1 $\alpha$ by HIPK2 suggests a novel mechanism to restrain tumor growth. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 368-377.	1.9	48
135	Mathematical modeling of the capillary-like pattern generated by adrenomedullin-treated human vascular endothelial cells in vitro. Developmental Dynamics, 2009, 238, 1951-1963.	0.8	17
136	Randomized placebo-controlled trial on local applications of opioids after hemorrhoidectomy. Techniques in Coloproctology, 2009, 13, 219-224.	0.8	14
137	Common key-signals in learning and neurodegeneration: focus on excito-amino acids, $\beta$ -amyloid peptides and $\beta$ -synuclein. Journal of Neural Transmission, 2009, 116, 953-974.	1.4	8
138	Implications of the "Energide"™ concept for communication and information handling in the central nervous system. Journal of Neural Transmission, 2009, 116, 1037-1052.	1.4	18
139	Mast cells and macrophages in duodenal mucosa of mice overexpressing erythropoietin. Journal of Anatomy, 2009, 215, 548-554.	0.9	8
140	Tumoral mast cells exhibit a common spatial distribution. Cancer Letters, 2009, 273, 80-85.	3.2	18
141	Pro-angiogenic activity of Urotensin-II on different human vascular endothelial cell populations. Regulatory Peptides, 2009, 157, 64-71.	1.9	17
142	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
143	Neuromedin-U inhibits unilateral adrenalectomy-induced compensatory adrenal growth in the rat. Peptides, 2009, 30, 935-939.	1.2	5
144	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

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145	Mosaic, self-similarity logic and biological attraction principles. <i>Communicative and Integrative Biology</i> , 2009, 2, 552-563.	0.6	40
146	Theoretical Considerations on the Topological Organization of Receptor Mosaics. <i>Current Protein and Peptide Science</i> , 2009, 10, 559-569.	0.7	17
147	On the key role played by altered protein conformation in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2008, 115, 1285-1299.	1.4	6
148	Anatomic distribution of apoptosis in medulla oblongata of infants and adults. <i>Journal of Anatomy</i> , 2008, 212, 106-113.	0.9	10
149	Fluoxetine-induced proliferation and differentiation of neural progenitor cells isolated from rat postnatal cerebellum. <i>Biochemical Pharmacology</i> , 2008, 76, 391-403.	2.0	37
150	Structural plasticity in G-protein coupled receptors as demonstrated by the allosteric actions of homocysteine and computer-assisted analysis of disordered domains. <i>Brain Research Reviews</i> , 2008, 58, 459-474.	9.1	42
151	Understanding neuronal molecular networks builds on neuronal cellular network architecture. <i>Brain Research Reviews</i> , 2008, 58, 379-399.	9.1	36
152	Generation of a $\alpha$ -synuclein-based rat model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2008, 30, 8-18.	2.1	34
153	Opposite patterns of age-associated changes in neurons and glial cells of the thalamus of human brain. <i>Neurobiology of Aging</i> , 2008, 29, 926-936.	1.5	15
154	Adrenomedullin stimulates angiogenic response in cultured human vascular endothelial cells: Involvement of the vascular endothelial growth factor receptor 2. <i>Peptides</i> , 2008, 29, 2013-2023.	1.2	55
155	Endothelial Differentiation of Hematopoietic Stem and Progenitor Cells from Patients with Multiple Myeloma. <i>Clinical Cancer Research</i> , 2008, 14, 1678-1685.	3.2	44
156	Heterodimers and Receptor Mosaics of Different Types of G-Protein-Coupled Receptors. <i>Physiology</i> , 2008, 23, 322-332.	1.6	43
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