Henning Ulrich

List of Publications by Year in Descending Order

255 papers	6,195 citations	41 h-index	67 g-index
281 ext. papers	7,646 ext. citations	5 avg, IF	6.33 L-index

#	Paper	IF	Citations
255	Neuroimmunomodulatory Properties of Flavonoids and Derivates: A Potential Action as Adjuvants for the Treatment of Glioblastoma.. *Pharmaceutics*, **2022**, 14,	6.4	1
254	Inhibition of TRPM2 by AG490 Is Neuroprotective in a Parkinson's Disease Animal Model.. *Molecular Neurobiology*, **2022**, 59, 1543	6.2	1
253	Distinct Effects of the Hippocampal Transplantation of Neural and Mesenchymal Stem Cells in a Transgenic Model of Alzheimer's Disease.. *Stem Cell Reviews and Reports*, **2022**, 1	7.3	1
252	Effects of Magnetite Nanoparticles and Static Magnetic Field on Neural Differentiation of Pluripotent Stem Cells.. *Stem Cell Reviews and Reports*, **2022**, 1	7.3	3
251	Selection and Application of Aptamer Affinity for Protein Purification.. *Methods in Molecular Biology* , **2022**, 2466, 187-203	1.4	
250	Glioblastoma Cell invasiveness and epithelial-to-mesenchymal Transitioning are modulated by kinin receptors. *Advances in Cancer Biology Metastasis*, **2022**, 100045		
249	ATP and spontaneous calcium oscillations control neural stem cell fate determination in Huntington's disease: a novel approach for cell clock research. *Molecular Psychiatry*, **2021**, 26, 2633-2650	15.1	13
248	Pharmacological reversal of synaptic and network pathology in human MECP2-KO neurons and cortical organoids. *EMBO Molecular Medicine*, **2021**, 13, e12523	12	14
247	Mouse Neural Stem Cell Differentiation and Human Adipose Mesenchymal Stem Cell Transdifferentiation Into Neuron- and Oligodendrocyte-like Cells With Myelination Potential. *Stem Cell Reviews and Reports*, **2021**, 1	7.3	2
246	Berberine increases the expression of cytokines and proteins linked to apoptosis in human melanoma cells. *Molecular Biology Reports*, **2021**, 1	2.8	1
245	Reverted effect of mesenchymal stem cells in glioblastoma treated with agathisflavone and its selective antitumoral effect on cell viability, migration, and differentiation via STAT3. *Journal of Cellular Physiology*, **2021**, 236, 5022-5035	7	1
244	A Neural Circuit for Gut-Induced Sugar Preference. *Neuroscience Bulletin*, **2021**, 37, 754-756	4.3	
243	Antagonistic Roles of P2X7 and P2Y2 Receptors in Neurodegenerative Diseases. *Frontiers in Pharmacology*, **2021**, 12, 659097	5.6	0
242	From purines to purinergic signalling: molecular functions and human diseases. *Signal Transduction and Targeted Therapy*, **2021**, 6, 162	21	41
241	Curcuminoid-Tailored Interfacial Free Energy of Hydrophobic Fibers for Enhanced Biological Properties. *ACS Applied Materials & Interfaces*, **2021**, 13, 24493-24504	9.5	5
240	Role of P2X7 Receptors in Immune Responses During Neurodegeneration. *Frontiers in Cellular Neuroscience*, **2021**, 15, 662935	6.1	5
239	Selective Secretase Targeting for Alzheimer's Disease Therapy. *Journal of Alzheimer's Disease*, **2021**, 81, 1-17	4.3	11

238	Aptamer Applications in Emerging Viral Diseases. *Pharmaceuticals*, **2021**, 14,	5.2	5
237	Purine Nucleotides Metabolism and Signaling in Huntington's Disease: Search for a Target for Novel Therapies. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
236	Optical control of purinergic signaling. *Purinergic Signalling*, **2021**, 17, 385-392	3.8	0
235	The P2X4 purinergic receptor has emerged as a potent regulator of hematopoietic stem/progenitor cell mobilization and homing-a novel view of P2X4 and P2X7 receptor interaction in orchestrating stem cell trafficking. *Leukemia*, **2021**,	10.7	2
234	Autism Spectrum Disorder: Signaling Pathways and Prospective Therapeutic Targets. *Cellular and Molecular Neurobiology*, **2021**, 41, 619-649	4.6	17
233	Hyperactivation of P2X7 receptors as a culprit of COVID-19 neuropathology. *Molecular Psychiatry*, **2021**, 26, 1044-1059	15.1	44
232	P2Y receptor activation promotes esophageal cancer cells proliferation via ERK1/2 pathway. *European Journal of Pharmacology*, **2021**, 891, 173687	5.3	3
231	Impact of Reck expression and promoter activity in neuronal in vitro differentiation. *Molecular Biology Reports*, **2021**, 48, 1985-1994	2.8	0
230	P2Y14 Receptor as a Target for Neutrophilia Attenuation in Severe COVID-19 Cases: From Hematopoietic Stem Cell Recruitment and Chemotaxis to Thrombo-inflammation. *Stem Cell Reviews and Reports*, **2021**, 17, 241-252	7.3	8
229	Cancer Metabostemness and Metabolic Reprogramming via P2X7 Receptor. *Cells*, **2021**, 10,	7.9	3
228	Inhibition of Severe Acute Respiratory Syndrome Coronavirus 2 Replication by Hypertonic Saline Solution in Lung and Kidney Epithelial Cells. *ACS Pharmacology and Translational Science*, **2021**, 4, 1514-1527	5.9	4
227	Receptor-specific Ca oscillation patterns mediated by differential regulation of P2Y purinergic receptors in rat hepatocytes. *IScience*, **2021**, 24, 103139	6.1	1
226	Mesenchymal stem cell-glioblastoma interactions mediated via kinin receptors unveiled by cytometry. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2021**, 99, 152-163	4.6	2
225	The Bradykinin B2 Receptor Agonist (NG291) Causes Rapid Onset of Transient Blood-Brain Barrier Disruption Without Evidence of Early Brain Injury.. *Frontiers in Neuroscience*, **2021**, 15, 791709	5.1	0
224	Berberine induces apoptosis in glioblastoma multiforme U87MG cells via oxidative stress and independent of AMPK activity. *Molecular Biology Reports*, **2020**, 47, 4393-4400	2.8	9
223	Regulation of Microglial Functions by Purinergic Mechanisms in the Healthy and Diseased CNS. *Cells* , **2020**, 9,	7.9	60
222	Innate immunity orchestrates the mobilization and homing of hematopoietic stem/progenitor cells by engaging purinergic signaling-an update. *Purinergic Signalling*, **2020**, 16, 153-166	3.8	12
221	Dengue Fever, COVID-19 (SARS-CoV-2), and Antibody-Dependent Enhancement (ADE): A Perspective. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2020**, 97, 662-667	4.6	54

220	Using Cytometry for Investigation of Purinergic Signaling in Tumor-Associated Macrophages. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2020**, 97, 1109-1126	4.6	1
219	Aluminum-induced alterations of purinergic signalling in embryonic neural progenitor cells. *Chemosphere*, **2020**, 251, 126642	8.4	2
218	TASK-3: New Target for Pain-Relief. *Neuroscience Bulletin*, **2020**, 36, 951-954	4.3	0
217	Restoring dopamine levels in Parkinson's disease: neuronal pathways, agonists and antiinflammatory agents **2020**, 479-493		1
216	Virtual Screening Approach for the Identification of Hydroxamic Acids as Novel Human Ecto-5'-Nucleotidase Inhibitors. *Journal of Chemical Information and Modeling*, **2020**, 60, 621-630	6.1	7
215	Live and Let Dye: Visualizing the Cellular Compartments of the Malaria Parasite Plasmodium falciparum. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2020**, 97, 694-705	4.6	2
214	The P2X7 Receptor in the Maintenance of Cancer Stem Cells, Chemoresistance and Metastasis. *Stem Cell Reviews and Reports*, **2020**, 16, 288-300	7.3	9
213	Design, synthesis and cytotoxicity of the antitumor agent 1-azabicycles for chemoresistant glioblastoma cells. *Investigational New Drugs*, **2020**, 38, 1257-1271	4.3	0
212	Effects of single-dose antipurinergic therapy on behavioral and molecular alterations in the valproic acid-induced animal model of autism. *Neuropharmacology*, **2020**, 167, 107930	5.5	7
211	Purinergic Receptors in Basal Ganglia Diseases: Shared Molecular Mechanisms between Huntington's and Parkinson's Disease. *Neuroscience Bulletin*, **2020**, 36, 1299-1314	4.3	13
210	Neuroprotective role of resveratrol mediated by purinergic signalling in cerebral cortex of mice infected by Toxoplasma gondii. *Parasitology Research*, **2020**, 119, 2897-2905	2.4	5
209	Mechanistic Insights of Astrocyte-Mediated Hyperactive Autophagy and Loss of Motor Neuron Function in SOD1 Linked Amyotrophic Lateral Sclerosis. *Molecular Neurobiology*, **2020**, 57, 4117-4133	6.2	7
208	Insights in Chloroquine Action: Perspectives and Implications in Malaria and COVID-19. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2020**, 97, 872-881	4.6	6
207	Molecular Dynamics Reveals Complex Compensatory Effects of Ionic Strength on the Severe Acute Respiratory Syndrome Coronavirus 2 Spike/Human Angiotensin-Converting Enzyme 2 Interaction. *Journal of Physical Chemistry Letters*, **2020**, 11, 10446-10453	6.4	10
206	Neurobiology of glycine transporters: From molecules to behavior. *Neuroscience and Biobehavioral Reviews*, **2020**, 118, 97-110	9	6
205	The P2X7 Receptor: Central Hub of Brain Diseases. *Frontiers in Molecular Neuroscience*, **2020**, 13, 124	6.1	32
204	A novel decellularization method to produce brain scaffolds. *Tissue and Cell*, **2020**, 67, 101412	2.7	9
203	Huntingtin protein maintains balanced energetics in mouse cardiomyocytes. *Nucleosides, Nucleotides and Nucleic Acids*, **2020**, 1-8	1.4	4

202	Adenosinergic-Dopaminergic Signaling in Mood Disorders: A Mini-Review. *Journal of Caffeine and Adenosine Research*, **2020**, 10, 94-103	1.6	0
201	Purinergic modulation of pathways associated to suicidal behavior. *Molecular Psychiatry*, **2020**, 25, 514-516	15.1	1
200	Increased cytokines production and oxidative stress are related with purinergic signaling and cell survival in post-thyroidectomy hypothyroidism. *Molecular and Cellular Endocrinology*, **2020**, 499, 110594	4.4	1
199	CD147 as a Target for COVID-19 Treatment: Suggested Effects of Azithromycin and Stem Cell Engagement. *Stem Cell Reviews and Reports*, **2020**, 16, 434-440	7.3	256
198	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). *European Journal of Immunology*, **2019**, 49, 1457-1973	6.1	485
197	Combination of Chemical and Neurotrophin Stimulation Modulates Neurotransmitter Receptor Expression and Activity in Transdifferentiating Human Adipose Stromal Cells. *Stem Cell Reviews and Reports*, **2019**, 15, 851-863	7.3	3
196	Trypanosoma evansi impacts on embryonic neural progenitor cell functions. *Microbial Pathogenesis*, **2019**, 136, 103703	3.8	1
195	Decoding epigenetic cell signaling in neuronal differentiation. *Seminars in Cell and Developmental Biology*, **2019**, 95, 12-24	7.5	5
194	Midbrain Dopaminergic Neurons Differentiated from Human-Induced Pluripotent Stem Cells. *Methods in Molecular Biology*, **2019**, 1919, 97-118	1.4	11
193	P2X7 Receptor Signaling in Stress and Depression. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	43
192	ATP-Nlrp3 Inflammasome-Complement Cascade Axis in Sterile Brain Inflammation in Psychiatric Patients and its Impact on Stem Cell Trafficking. *Stem Cell Reviews and Reports*, **2019**, 15, 497-505	6.4	17
191	Effects of resveratrol on the differentiation fate of neural progenitor cells of mouse embryos infected with Trypanosoma cruzi. *Microbial Pathogenesis*, **2019**, 132, 156-161	3.8	7
190	Antiproliferative and apoptotic effects of caffeic acid on SK-Mel-28 human melanoma cancer cells. *Molecular Biology Reports*, **2019**, 46, 2085-2092	2.8	39
189	Resveratrol as a Therapy to Restore Neurogliogenesis of Neural Progenitor Cells Infected by Toxoplasma gondii. *Molecular Neurobiology*, **2019**, 56, 2328-2338	6.2	8
188	Kinins in Glioblastoma Microenvironment. *Cancer Microenvironment*, **2019**, 12, 77-94	6.1	7
187	Aluminum affects neural phenotype determination of embryonic neural progenitor cells. *Archives of Toxicology*, **2019**, 93, 2515-2524	5.8	9
186	Where do we aspire to publish? A position paper on scientific communication in biochemistry and molecular biology. *Brazilian Journal of Medical and Biological Research*, **2019**, 52, e8935	2.8	
185	Targeting Purinergic Signaling and Cell Therapy in Cardiovascular and Neurodegenerative Diseases. *Advances in Experimental Medicine and Biology*, **2019**, 1201, 275-353	3.6	4

184	P2Y6 and P2X7 Receptor Antagonism Exerts Neuroprotective/ Neuroregenerative Effects in an Animal Model of Parkinson's Disease. *Frontiers in Cellular Neuroscience*, **2019**, 13, 476	6.1	17
183	Calcium signalling: A common target in neurological disorders and neurogenesis. *Seminars in Cell and Developmental Biology*, **2019**, 95, 25-33	7.5	23
182	1,25-Dihydroxyvitamin D3 alters ectonucleotidase expression and activity in human cutaneous melanoma cells. *Journal of Cellular Biochemistry*, **2019**, 120, 9992-10000	4.7	5
181	Purinergic receptors in neurogenic processes. *Brain Research Bulletin*, **2019**, 151, 3-11	3.9	7
180	Kinin-B2 Receptor Activity in Skeletal Muscle Regeneration and Myoblast Differentiation. *Stem Cell Reviews and Reports*, **2019**, 15, 48-58	6.4	7
179	Resveratrol-mediated reversal of changes in purinergic signaling and immune response induced by Toxoplasma gondii infection of neural progenitor cells. *Purinergic Signalling*, **2019**, 15, 77-84	3.8	11
178	Spermine protects from LPS-induced memory deficit via BDNF and TrkB activation. *Neurobiology of Learning and Memory*, **2018**, 149, 135-143	3.1	24
177	Kinin-B1 Receptor Stimulation Promotes Invasion and is Involved in Cell-Cell Interaction of Co-Cultured Glioblastoma and Mesenchymal Stem Cells. *Scientific Reports*, **2018**, 8, 1299	4.9	25
176	Magnetic hydrogels for levodopa release and cell stimulation triggered by external magnetic field. *Colloids and Surfaces B: Biointerfaces*, **2018**, 167, 415-424	6	24
175	Novel evidence that extracellular nucleotides and purinergic signaling induce innate immunity-mediated mobilization of hematopoietic stem/progenitor cells. *Leukemia*, **2018**, 32, 1920-1931	10.7	31
174	P2Y but not P2Y Purinergic Receptor Controls Postnatal Rat Retinogenesis In Vivo. *Molecular Neurobiology*, **2018**, 55, 8612-8624	6.2	5
173	Pathophysiology in the comorbidity of Bipolar Disorder and Alzheimer's Disease: pharmacological and stem cell approaches. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2018**, 80, 34-53	5.5	17
172	Stem cell contributions to neurological disease modeling and personalized medicine. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2018**, 80, 54-62	5.5	10
171	Purinergic system in psychiatric diseases. *Molecular Psychiatry*, **2018**, 23, 94-106	15.1	64
170	Be Aware of Aggregators in the Search for Potential Human -5'-Nucleotidase Inhibitors. *Molecules*, **2018**, 23,	4.8	8
169	Neural stem cell differentiation into mature neurons: Mechanisms of regulation and biotechnological applications. *Biotechnology Advances*, **2018**, 36, 1946-1970	17.8	55
168	Purinergic Receptors in Neurological Diseases With Motor Symptoms: Targets for Therapy. *Frontiers in Pharmacology*, **2018**, 9, 325	5.6	23
167	Kinin and Purine Signaling Contributes to Neuroblastoma Metastasis. *Frontiers in Pharmacology*, **2018**, 9, 500	5.6	25

166	Cancer Stem Cells or Tumor Survival Cells?. *Stem Cells and Development*, **2018**, 27, 1466-1478	4.4	19
165	Surface immunoglobulins of erythrocytes and platelets in dogs naturally infected by Rangelia vitalii. *Microbial Pathogenesis*, **2018**, 121, 245-251	3.8	2
164	Selection Approach to Develop DNA Aptamers for a Stem-like Cell Subpopulation of Non-small Lung Cancer Adenocarcinoma Cell Line A549. *Radiology and Oncology*, **2018**, 52, 152-159	3.8	6
163	Bone marrow-derived mesenchymal stem cells adipose-derived mesenchymal stem cells for peripheral nerve regeneration. *Neural Regeneration Research*, **2018**, 13, 100-104	4.5	22
162	Post-thyroidectomy hypothyroidism increases the expression and activity of ectonucleotidases in platelets: Possible involvement of reactive oxygen species. *Platelets*, **2018**, 29, 801-810	3.6	7
161	Expression patterns of mesenchymal stem cell-specific proteins in adipose tissue-derived cells: possible immunosuppressing agent in partial allograft for restoring the urinary bladder in rabbits. *Pesquisa Veterinaria Brasileira*, **2018**, 38, 2183-2189	0.4	0
160	Aptamers: novelty tools for cancer biology. *Oncotarget*, **2018**, 9, 26934-26953	3.3	25
159	Caffeine and high intensity exercise: Impact on purinergic and cholinergic signalling in lymphocytes and on cytokine levels. *Biomedicine and Pharmacotherapy*, **2018**, 108, 1731-1738	7.5	3
158	Concise Review: Molecular Cytogenetics and Quality Control: Clinical Guardians for Pluripotent Stem Cells. *Stem Cells Translational Medicine*, **2018**, 7, 867-875	6.9	22
157	Methods of Mesenchymal Stem Cell Homing to the Blood-Brain Barrier. *Methods in Molecular Biology*, **2018**, 1842, 81-91	1.4	19
156	Novel Conducting and Biodegradable Copolymers with Noncytotoxic Properties toward Embryonic Stem Cells. *ACS Omega*, **2018**, 3, 5593-5604	3.9	22
155	Spermidine improves the persistence of reconsolidated fear memory and neural differentiation in vitro: Involvement of BDNF. *Neurobiology of Learning and Memory*, **2017**, 140, 82-91	3.1	13
154	Cellular Migration Ability Is Modulated by Extracellular Purines in Ovarian Carcinoma SKOV-3 Cells. *Journal of Cellular Biochemistry*, **2017**, 118, 4468-4478	4.7	8
153	Carvacrol promotes neuroprotection in the mouse hemiparkinsonian model. *Neuroscience*, **2017**, 356, 176-181	3.9	26
152	Brilliant Blue G, But Not Fenofibrate, Treatment Reverts Hemiparkinsonian Behavior and Restores Dopamine Levels in an Animal Model of Parkinson's Disease. *Cell Transplantation*, **2017**, 26, 669-677	4	23
151	Guidelines for the use of flow cytometry and cell sorting in immunological studies. *European Journal of Immunology*, **2017**, 47, 1584-1797	6.1	359
150	Interference of ursolic acid treatment with glioma growth: An in vitro and in vivo study. *European Journal of Pharmacology*, **2017**, 811, 268-275	5.3	10
149	Determining the Roles of Inositol Trisphosphate Receptors in Neurodegeneration: Interdisciplinary Perspectives on a Complex Topic. *Molecular Neurobiology*, **2017**, 54, 6870-6884	6.2	8

148	Impacts of Aptamer Technology on Diagnostics, Biotechnology, and Therapy **2017**, 125-142		
147	Brilliant Blue-G but not Fenofibrate Treatment Reverts Hemiparkinsonian Behavior and Restores Dopamine Levels in an Animal Model of Parkinson Disease. *Cell Transplantation*, **2017**,	4	3
146	Dopaminergic and GABAergic Neuron In Vitro Differentiation from Embryonic Stem Cells. *Neuromethods*, **2017**, 45-53	0.4	1
145	Purinergic receptors in embryonic and adult neurogenesis. *Neuropharmacology*, **2016**, 104, 272-81	5.5	51
144	Interplay Between Exosomes, microRNAs and Toll-Like Receptors in Brain Disorders. *Molecular Neurobiology*, **2016**, 53, 2016-2028	6.2	54
143	Intracellular Calcium Measurements for Functional Characterization of Neuronal Phenotypes. *Methods in Molecular Biology*, **2016**, 1341, 245-55	1.4	7
142	Bradykinin promotes neuron-generating division of neural progenitor cells through ERK activation. *Journal of Cell Science*, **2016**, 129, 3437-48	5.3	20
141	Studying complex system: calcium oscillations as attractor of cell differentiation. *Integrative Biology (United Kingdom)*, **2016**, 8, 130-48	3.7	13
140	Kinins and microglial responses in bipolar disorder: a neuroinflammation hypothesis. *Biological Chemistry*, **2016**, 397, 283-96	4.5	27
139	Variations of ATP and its metabolites in the hippocampus of rats subjected to pilocarpine-induced temporal lobe epilepsy. *Purinergic Signalling*, **2016**, 12, 295-302	3.8	18
138	Applications of Aptamers in Flow and Imaging Cytometry. *Methods in Molecular Biology*, **2016**, 1380, 127-134	1.4	3
137	Bradykinin promotes neuron-generating division of neural progenitor cells through ERK activation. *Development (Cambridge)*, **2016**, 143, e1.1-e1.1	6.6	
136	Glioblastoma-mesenchymal stem cell communication modulates expression patterns of kinin receptors: Possible involvement of bradykinin in information flow. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2016**, 89, 365-75	4.6	20
135	Tumor necrosis factor reduces Plasmodium falciparum growth and activates calcium signaling in human malaria parasites. *Biochimica Et Biophysica Acta - General Subjects*, **2016**, 1860, 1489-97	4	20
134	Purinergic signaling during Porphyromonas gingivalis infection. *Biomedical Journal*, **2016**, 39, 251-260	7.1	17
133	Working with Stem Cells **2016**,		1
132	Scaffolds for Embryonic Stem Cell Growth and Differentiation **2016**, 347-365		2
131	Neuronal adhesion, proliferation and differentiation of embryonic stem cells on hybrid scaffolds made of xanthan and magnetite nanoparticles. *Biomedical Materials (Bristol)*, **2015**, 10, 045002	3.5	28

130	A Cyclic GMP-Dependent K+ Channel in the Blastocladiomycete Fungus Blastocladiella emersonii. *Eukaryotic Cell*, **2015**, 14, 958-63		16
129	Paraoxon and Pyridostigmine Interfere with Neural Stem Cell Differentiation. *Neurochemical Research*, **2015**, 40, 2091-101	4.6	6
128	Growth and Neurotrophic Factor Receptors in Neural Differentiation and Phenotype Specification **2015**, 77-90		
127	Calcium signaling and cell proliferation. *Cellular Signalling*, **2015**, 27, 2139-49	4.9	102
126	Effects of ATP and NGF on Proliferation and Migration of Neural Precursor Cells. *Neurochemical Research*, **2015**, 40, 1849-57	4.6	14
125	Purinergic system dysfunction in mood disorders: a key target for developing improved therapeutics. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2015**, 57, 117-31	5.5	70
124	Immunomodulation in stem cell differentiation into neurons and brain repair. *Stem Cell Reviews and Reports*, **2015**, 11, 474-86	6.4	20
123	Extracellular nucleotides as novel, underappreciated pro-metastatic factors that stimulate purinergic signaling in human lung cancer cells. *Molecular Cancer*, **2015**, 14, 201	42.1	37
122	Kinin-B1 and B2 receptor activity in proliferation and neural phenotype determination of mouse embryonic stem cells. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2015**, 87, 989-1000	4.6	7
121	Bradykinin-induced inhibition of proliferation rate during neurosphere differentiation: consequence or cause of neuronal enrichment?. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2015**, 87, 929-35	4.6	14
120	Aptamer for imaging and therapeutic targeting of brain tumor glioblastoma. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2015**, 87, 806-16	4.6	35
119	Roles of kinins in the nervous system. *Cell Transplantation*, **2015**, 24, 613-23	4	20
118	Antibody- and aptamer-strategies for GvHD prevention. *Journal of Cellular and Molecular Medicine*, **2015**, 19, 11-20	5.6	6
117	Involvement of nucleotides in glial growth following scratch injury in avian retinal cell monolayer cultures. *Purinergic Signalling*, **2015**, 11, 183-201	3.8	3
116	Ecto-5'-Nucleotidase Overexpression Reduces Tumor Growth in a Xenograph Medulloblastoma Model. *PLoS ONE*, **2015**, 10, e0140996	3.7	14
115	RNA based antagonist of NMDA receptors. *ACS Chemical Neuroscience*, **2014**, 5, 559-67	5.7	6
114	Optimization of SELEX: comparison of different methods for monitoring the progress of in vitro selection of aptamers. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 91, 151-9	3.5	38
113	Cytometry in the brain: studying differentiation to diagnostic applications in brain disease and regeneration therapy. *Cell Proliferation*, **2014**, 47, 12-9	7.9	4

112	Glioblastoma stem-like cells: approaches for isolation and characterization. *Journal of Cancer Stem Cell Research*, **2014**, 1, 1		11
111	Human adult stem cells from diverse origins: an overview from multiparametric immunophenotyping to clinical applications. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2014**, 85, 43-77	4.6	115
110	Modulation of mouse embryonic stem cell proliferation and neural differentiation by the P2X7 receptor. *PLoS ONE*, **2014**, 9, e96281	3.7	54
109	P2X receptors in maintenance and differentiation of neural progenitor cells. *Neural Regeneration Research*, **2014**, 9, 2040-1	4.5	14
108	Cell cycle regulation during neurogenesis in the embryonic and adult brain. *Stem Cell Reviews and Reports*, **2013**, 9, 794-805	6.4	24
107	Functions of neurotrophins and growth factors in neurogenesis and brain repair. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2013**, 83, 76-89	4.6	105
106	Human mesenchymal stem cells: from immunophenotyping by flow cytometry to clinical applications. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2013**, 83, 48-61	4.6	88
105	The monoterpene (-)-carvone: a novel agonist of TRPV1 channels. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2013**, 83, 212-9	4.6	19
104	Mesenchymal stem cells, therapy, and cytometry. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2013**, 83, 8-10	4.6	6
103	Lower density of L-type and higher density of P/Q-type of calcium channels in chromaffin cells of hypertensive, compared with normotensive rats. *European Journal of Pharmacology*, **2013**, 706, 25-35	5.3	5
102	Proline rich-oligopeptides: diverse mechanisms for antihypertensive action. *Peptides*, **2013**, 48, 124-33	3.8	23
101	Kinin-B2 receptor exerted neuroprotection after diisopropylfluorophosphate-induced neuronal damage. *Neuroscience*, **2013**, 247, 273-9	3.9	12
100	Tobacco nitrosamine N-nitrosonornicotine as inhibitor of neuronal nicotinic acetylcholine receptors. *Journal of Molecular Neuroscience*, **2013**, 49, 52-61	3.3	5
99	Identification of aptamers as specific binders and modulators of cell-surface receptor activity. *Methods in Molecular Biology*, **2013**, 986, 17-39	1.4	6
98	Nucleic acid aptamers as high affinity ligands in biotechnology and biosensorics. *Journal of Pharmaceutical and Biomedical Analysis*, **2013**, 81-82, 210-7	3.5	71
97	Implications of purinergic receptor-mediated intracellular calcium transients in neural differentiation. *Cell Communication and Signaling*, **2013**, 11, 12	7.5	36
96	Aptamers: novel molecules as diagnostic markers in bacterial and viral infections?. *BioMed Research International*, **2013**, 2013, 731516	3	25
95	RgIB: A Novel Antagonist Peptide of Neuronal Acetylcholine Receptor Isolated from Conus regius Venom. *International Journal of Peptides*, **2013**, 2013, 543028		3

94	Rescue of amyloid-Beta-induced inhibition of nicotinic acetylcholine receptors by a peptide homologous to the nicotine binding domain of the alpha 7 subtype. *PLoS ONE*, **2013**, 8, e67194	3.7	10
93	Applications of Snake Venom Proline-Rich Oligopeptides (Bj- PROs) in Disease Conditions Resulting from Deficient Nitric Oxide Production **2013**,		2
92	Neural differentiation of rat aorta pericyte cells. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2012**, 81, 65-71	4.6	44
91	Natural intracellular peptides can modulate the interactions of mouse brain proteins and thimet oligopeptidase with 14-3-3 and calmodulin. *Proteomics*, **2012**, 12, 2641-55	4.8	32
90	Regulation of neurogenesis and gliogenesis of retinoic acid-induced P19 embryonal carcinoma cells by P2X2 and P2X7 receptors studied by RNA interference. *International Journal of Developmental Neuroscience*, **2012**, 30, 91-7	2.7	23
89	Purinergic Receptors in Stem Cell Biology. *Stem Cells and Cancer Stem Cells*, **2012**, 267-274		2
88	Characterization of ectonucleotidases in human medulloblastoma cell lines: ecto-5'NT/CD73 in metastasis as potential prognostic factor. *PLoS ONE*, **2012**, 7, e47468	3.7	25
87	Extrinsic purinergic regulation of neural stem/progenitor cells: implications for CNS development and repair. *Stem Cell Reviews and Reports*, **2012**, 8, 755-67	6.4	56
86	Neural differentiation of P19 carcinoma cells and primary neurospheres: cell morphology, proliferation, viability, and functionality. *Current Protocols in Stem Cell Biology*, **2012**, Chapter 2, Unit 2D.9	2.8	12
85	Kinin-B2 receptor mediated neuroprotection after NMDA excitotoxicity is reversed in the presence of kinin-B1 receptor agonists. *PLoS ONE*, **2012**, 7, e30755	3.7	24
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