

# Henning Ulrich

## List of Publications by Year in descending order

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Version: 2024-02-01

269  
papers

8,871  
citations

53660

45  
h-index

66788

78  
g-index

281  
all docs

281  
docs citations

281  
times ranked

14651  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Leukemia</i> , 2022, 36, 248-256.	3.3	10
2	Mouse Neural Stem Cell Differentiation and Human Adipose Mesenchymal Stem Cell Transdifferentiation Into Neuron- and Oligodendrocyte-like Cells With Myelination Potential. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 732-751.	1.7	9
3	Berberine increases the expression of cytokines and proteins linked to apoptosis in human melanoma cells. <i>Molecular Biology Reports</i> , 2022, 49, 2037-2046.	1.0	2
4	Distinct Effects of the Hippocampal Transplantation of Neural and Mesenchymal Stem Cells in a Transgenic Model of Alzheimer's Disease. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 781-791.	1.7	12
5	Editor Notes: Neurogenesis and Neurodegeneration: Basic Research and Clinical applications. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 694-695.	1.7	0
6	Neuroimmunomodulatory Properties of Flavonoids and Derivates: A Potential Action as Adjuvants for the Treatment of Glioblastoma. <i>Pharmaceutics</i> , 2022, 14, 116.	2.0	10
7	Inhibition of TRPM2 by AG490 Is Neuroprotective in a Parkinson's Disease Animal Model. <i>Molecular Neurobiology</i> , 2022, 59, 1543-1559.	1.9	7
8	Effects of Magnetite Nanoparticles and Static Magnetic Field on Neural Differentiation of Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1337-1354.	1.7	18
9	Ginkgolides and Huperzine A for complementary treatment of Alzheimer's disease. <i>IUBMB Life</i> , 2022, 74, 763-779.	1.5	5
10	Severe Acute Respiratory Syndrome Coronavirus 2 Variants of Concern: A Perspective for Emerging More Transmissible and Vaccine-Resistant Strains. <i>Viruses</i> , 2022, 14, 827.	1.5	14
11	Selection and Application of Aptamer Affinity for Protein Purification. <i>Methods in Molecular Biology</i> , 2022, 2466, 187-203.	0.4	1
12	Glioblastoma Cell invasiveness and epithelial-to-mesenchymal Transitioning are modulated by kinin receptors. <i>Advances in Cancer Biology Metastasis</i> , 2022, , 100045.	1.1	1
13	Vanillin crosslinked chitosan films: The states of water and the effect of carriers on curcumin uptake. <i>Carbohydrate Polymers</i> , 2022, 292, 119725.	5.1	12
14	Amino acid decorated xanthan gum coatings: Molecular arrangement and cell adhesion. <i>Carbohydrate Polymer Technologies and Applications</i> , 2022, 4, 100227.	1.6	3
15	ATP and spontaneous calcium oscillations control neural stem cell fate determination in Huntington's disease: a novel approach for cell clock research. <i>Molecular Psychiatry</i> , 2021, 26, 2633-2650.	4.1	24
16	Autism Spectrum Disorder: Signaling Pathways and Prospective Therapeutic Targets. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 619-649.	1.7	36
17	Hyperactivation of P2X7 receptors as a culprit of COVID-19 neuropathology. <i>Molecular Psychiatry</i> , 2021, 26, 1044-1059.	4.1	104
18	P2Y2 receptor activation promotes esophageal cancer cells proliferation via ERK1/2 pathway. <i>European Journal of Pharmacology</i> , 2021, 891, 173687.	1.7	15

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19	Impact of Reck expression and promoter activity in neuronal in vitro differentiation. <i>Molecular Biology Reports</i> , 2021, 48, 1985-1994.	1.0	1
20	P2Y14 Receptor as a Target for Neutrophilia Attenuation in Severe COVID-19 Cases: From Hematopoietic Stem Cell Recruitment and Chemotaxis to Thromboinflammation. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 241-252.	1.7	17
21	A Neural Circuit for Gut-Induced Sugar Preference. <i>Neuroscience Bulletin</i> , 2021, 37, 754-756.	1.5	0
22	Antagonistic Roles of P2X7 and P2Y2 Receptors in Neurodegenerative Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 659097.	1.6	4
23	From purines to purinergic signalling: molecular functions and human diseases. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 162.	7.1	171
24	Curcuminoid-Tailored Interfacial Free Energy of Hydrophobic Fibers for Enhanced Biological Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24493-24504.	4.0	11
25	Role of P2X7 Receptors in Immune Responses During Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 662935.	1.8	24
26	Selective Secretase Targeting for Alzheimer's Disease Therapy. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1-17.	1.2	28
27	Aptamer Applications in Emerging Viral Diseases. <i>Pharmaceuticals</i> , 2021, 14, 622.	1.7	13
28	Purine Nucleotides Metabolism and Signaling in Huntington's Disease: Search for a Target for Novel Therapies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6545.	1.8	12
29	Optical control of purinergic signaling. <i>Purinergic Signalling</i> , 2021, 17, 385-392.	1.1	3
30	Cancer Metabostemness and Metabolic Reprogramming via P2X7 Receptor. <i>Cells</i> , 2021, 10, 1782.	1.8	15
31	Editorial: "Purinergic Signaling 2020: The State-of-The-Art Commented by the Members of the Italian Purine Club". <i>Frontiers in Pharmacology</i> , 2021, 12, 768923.	1.6	0
32	Inhibition of Severe Acute Respiratory Syndrome Coronavirus 2 Replication by Hypertonic Saline Solution in Lung and Kidney Epithelial Cells. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1514-1527.	2.5	17
33	Receptor-specific Ca <sup>2+</sup> oscillation patterns mediated by differential regulation of P2Y purinergic receptors in rat hepatocytes. <i>IScience</i> , 2021, 24, 103139.	1.9	2
34	Mesenchymal stem cell-glioblastoma interactions mediated via kinin receptors unveiled by cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 152-163.	1.1	6
35	Pharmacological reversal of synaptic and network pathology in human <i>MECP2</i> $\alpha$ KO neurons and cortical organoids. <i>EMBO Molecular Medicine</i> , 2021, 13, e12523.	3.3	53
36	Reverted effect of mesenchymal stem cells in glioblastoma treated with agathisflavone and its selective antitumoral effect on cell viability, migration, and differentiation via STAT3. <i>Journal of Cellular Physiology</i> , 2021, 236, 5022-5035.	2.0	3

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37	The Bradykinin B2 Receptor Agonist (NG291) Causes Rapid Onset of Transient Blood-Brain Barrier Disruption Without Evidence of Early Brain Injury. <i>Frontiers in Neuroscience</i> , 2021, 15, 791709.	1.4	9
38	Purinergic modulation of pathways associated to suicidal behavior. <i>Molecular Psychiatry</i> , 2020, 25, 514-516.	4.1	5
39	Increased cytokines production and oxidative stress are related with purinergic signaling and cell survival in post-thyroidectomy hypothyroidism. <i>Molecular and Cellular Endocrinology</i> , 2020, 499, 110594.	1.6	5
40	Virtual Screening Approach for the Identification of Hydroxamic Acids as Novel Human Ecto-5'-Nucleotidase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 621-630.	2.5	15
41	Live and Let Dye: Visualizing the Cellular Compartments of the Malaria Parasite <i>Plasmodium falciparum</i> . <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 694-705.	1.1	6
42	The P2X7 Receptor in the Maintenance of Cancer Stem Cells, Chemoresistance and Metastasis. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 288-300.	1.7	30
43	Design, synthesis and cytotoxicity of the antitumor agent 1-azabicycles for chemoresistant glioblastoma cells. <i>Investigational New Drugs</i> , 2020, 38, 1257-1271.	1.2	2
44	Effects of single-dose antipurinergic therapy on behavioral and molecular alterations in the valproic acid-induced animal model of autism. <i>Neuropharmacology</i> , 2020, 167, 107930.	2.0	18
45	Purinergic Receptors in Basal Ganglia Diseases: Shared Molecular Mechanisms between Huntington's and Parkinson's Disease. <i>Neuroscience Bulletin</i> , 2020, 36, 1299-1314.	1.5	24
46	Neuroprotective role of resveratrol mediated by purinergic signalling in cerebral cortex of mice infected by <i>Toxoplasma gondii</i> . <i>Parasitology Research</i> , 2020, 119, 2897-2905.	0.6	7
47	Mechanistic Insights of Astrocyte-Mediated Hyperactive Autophagy and Loss of Motor Neuron Function in SOD1L39R Linked Amyotrophic Lateral Sclerosis. <i>Molecular Neurobiology</i> , 2020, 57, 4117-4133.	1.9	13
48	Insights in Chloroquine Action: Perspectives and Implications in Malaria and COVID-19. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 872-881.	1.1	10
49	Molecular Dynamics Reveals Complex Compensatory Effects of Ionic Strength on the Severe Acute Respiratory Syndrome Coronavirus 2 Spike/Human Angiotensin-Converting Enzyme 2 Interaction. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10446-10453.	2.1	20
50	Neurobiology of glycine transporters: From molecules to behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 97-110.	2.9	27
51	The P2X7 Receptor: Central Hub of Brain Diseases. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 124.	1.4	87
52	A novel decellularization method to produce brain scaffolds. <i>Tissue and Cell</i> , 2020, 67, 101412.	1.0	14
53	Huntingtin protein maintains balanced energetics in mouse cardiomyocytes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020, , 1-8.	0.4	10
54	Adenosinergic-Dopaminergic Signaling in Mood Disorders: A Mini-Review. <i>Journal of Caffeine and Adenosine Research</i> , 2020, 10, 94-103.	0.8	1

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55	Berberine induces apoptosis in glioblastoma multiforme U87MG cells via oxidative stress and independent of AMPK activity. <i>Molecular Biology Reports</i> , 2020, 47, 4393-4400.	1.0	18
56	Regulation of Microglial Functions by Purinergic Mechanisms in the Healthy and Diseased CNS. <i>Cells</i> , 2020, 9, 1108.	1.8	129
57	Innate immunity orchestrates the mobilization and homing of hematopoietic stem/progenitor cells by engaging purinergic signaling—an update. <i>Purinergic Signalling</i> , 2020, 16, 153-166.	1.1	18
58	Dengue Fever, COVID-19 (SARS-CoV-2), and Antibody-Dependent Enhancement (ADE): A Perspective. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 662-667.	1.1	89
59	Using Cytometry for Investigation of Purinergic Signaling in Tumor-Associated Macrophages. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 1109-1126.	1.1	5
60	Aluminum-induced alterations of purinergic signalling in embryonic neural progenitor cells. <i>Chemosphere</i> , 2020, 251, 126642.	4.2	5
61	CD147 as a Target for COVID-19 Treatment: Suggested Effects of Azithromycin and Stem Cell Engagement. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 434-440.	1.7	349
62	Restoring dopamine levels in Parkinson's disease: neuronal pathways, agonists and antiinflammatory agents. , 2020, , 479-493.		1
63	TASK-3: New Target for Pain-Relief. <i>Neuroscience Bulletin</i> , 2020, 36, 951-954.	1.5	2
64	Resveratrol as a Therapy to Restore Neurogliogenesis of Neural Progenitor Cells Infected by <i>Toxoplasma gondii</i> . <i>Molecular Neurobiology</i> , 2019, 56, 2328-2338.	1.9	12
65	Kinins in Glioblastoma Microenvironment. <i>Cancer Microenvironment</i> , 2019, 12, 77-94.	3.1	12
66	Aluminum affects neural phenotype determination of embryonic neural progenitor cells. <i>Archives of Toxicology</i> , 2019, 93, 2515-2524.	1.9	13
67	Mechanisms of neural differentiation and integration. <i>Seminars in Cell and Developmental Biology</i> , 2019, 95, 1-3.	2.3	2
68	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	1.6	766
69	Combination of Chemical and Neurotrophin Stimulation Modulates Neurotransmitter Receptor Expression and Activity in Transdifferentiating Human Adipose Stromal Cells. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 851-863.	1.7	5
70	<i>Trypanosoma evansi</i> impacts on embryonic neural progenitor cell functions. <i>Microbial Pathogenesis</i> , 2019, 136, 103703.	1.3	1
71	Decoding epigenetic cell signaling in neuronal differentiation. <i>Seminars in Cell and Developmental Biology</i> , 2019, 95, 12-24.	2.3	10
72	Midbrain Dopaminergic Neurons Differentiated from Human-Induced Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2019, 1919, 97-118.	0.4	18

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73	P2X7 Receptor Signaling in Stress and Depression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2778.	1.8	84
74	ATP-Nlrp3 Inflammasome-Complement Cascade Axis in Sterile Brain Inflammation in Psychiatric Patients and its Impact on Stem Cell Trafficking. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 497-505.	5.6	23
75	Effects of resveratrol on the differentiation fate of neural progenitor cells of mouse embryos infected with <i>Trypanosoma cruzi</i> . <i>Microbial Pathogenesis</i> , 2019, 132, 156-161.	1.3	8
76	Antiproliferative and apoptotic effects of caffeic acid on SK-Mel-28 human melanoma cancer cells. <i>Molecular Biology Reports</i> , 2019, 46, 2085-2092.	1.0	70
77	P2Y6 and P2X7 Receptor Antagonism Exerts Neuroprotective/ Neuroregenerative Effects in an Animal Model of Parkinson's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 476.	1.8	38
78	Calcium signalling: A common target in neurological disorders and neurogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2019, 95, 25-33.	2.3	42
79	1 $\alpha$ , 25 $\text{-Dihydroxyvitamin D}_3$ alters ectonucleotidase expression and activity in human cutaneous melanoma cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9992-10000.	1.2	9
80	Purinergic receptors in neurogenic processes. <i>Brain Research Bulletin</i> , 2019, 151, 3-11.	1.4	22
81	Kinin-B2 Receptor Activity in Skeletal Muscle Regeneration and Myoblast Differentiation. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 48-58.	5.6	11
82	Resveratrol-mediated reversal of changes in purinergic signaling and immune response induced by <i>Toxoplasma gondii</i> infection of neural progenitor cells. <i>Purinergic Signalling</i> , 2019, 15, 77-84.	1.1	15
83	Targeting Purinergic Signaling and Cell Therapy in Cardiovascular and Neurodegenerative Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1201, 275-353.	0.8	8
84	Where do we aspire to publish? A position paper on scientific communication in biochemistry and molecular biology. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8935.	0.7	1
85	Spermine protects from LPS-induced memory deficit via BDNF and TrkB activation. <i>Neurobiology of Learning and Memory</i> , 2018, 149, 135-143.	1.0	37
86	Kinin-B1 Receptor Stimulation Promotes Invasion and is Involved in Cell-Cell Interaction of Co-Cultured Glioblastoma and Mesenchymal Stem Cells. <i>Scientific Reports</i> , 2018, 8, 1299.	1.6	32
87	Magnetic hydrogels for levodopa release and cell stimulation triggered by external magnetic field. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 415-424.	2.5	44
88	Novel evidence that extracellular nucleotides and purinergic signaling induce innate immunity-mediated mobilization of hematopoietic stem/progenitor cells. <i>Leukemia</i> , 2018, 32, 1920-1931.	3.3	43
89	P2Y12 but not P2Y13 Purinergic Receptor Controls Postnatal Rat Retinogenesis In Vivo. <i>Molecular Neurobiology</i> , 2018, 55, 8612-8624.	1.9	6
90	Pathophysiology in the comorbidity of Bipolar Disorder and Alzheimer's Disease: pharmacological and stem cell approaches. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 34-53.	2.5	24

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91	Stem cell contributions to neurological disease modeling and personalized medicine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 54-62.	2.5	15
92	Purinergic system in psychiatric diseases. <i>Molecular Psychiatry</i> , 2018, 23, 94-106.	4.1	101
93	Post-thyroidectomy hypothyroidism increases the expression and activity of ectonucleotidases in platelets: Possible involvement of reactive oxygen species. <i>Platelets</i> , 2018, 29, 801-810.	1.1	8
94	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. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 2183-2189.	0.5	3
95	Aptamers: novelty tools for cancer biology. <i>Oncotarget</i> , 2018, 9, 26934-26953.	0.8	34
96	P18 Targeting Lung Cancer Initiating Cells by Aptamers. <i>Journal of Thoracic Oncology</i> , 2018, 13, S168.	0.5	0
97	Caffeine and high intensity exercise: Impact on purinergic and cholinergic signalling in lymphocytes and on cytokine levels. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1731-1738.	2.5	6
98	Concise Review: Molecular Cytogenetics and Quality Control: Clinical Guardians for Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2018, 7, 867-875.	1.6	33
99	Methods of Mesenchymal Stem Cell Homing to the Blood-Brain Barrier. <i>Methods in Molecular Biology</i> , 2018, 1842, 81-91.	0.4	27
100	Novel Conducting and Biodegradable Copolymers with Noncytotoxic Properties toward Embryonic Stem Cells. <i>ACS Omega</i> , 2018, 3, 5593-5604.	1.6	30
101	Be Aware of Aggregators in the Search for Potential Human ecto-5'-Nucleotidase Inhibitors. <i>Molecules</i> , 2018, 23, 1876.	1.7	13
102	Neural stem cell differentiation into mature neurons: Mechanisms of regulation and biotechnological applications. <i>Biotechnology Advances</i> , 2018, 36, 1946-1970.	6.0	106
103	Purinergic Receptors in Neurological Diseases With Motor Symptoms: Targets for Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 325.	1.6	42
104	Kinin and Purine Signaling Contributes to Neuroblastoma Metastasis. <i>Frontiers in Pharmacology</i> , 2018, 9, 500.	1.6	42
105	Cancer Stem Cells or Tumor Survival Cells?. <i>Stem Cells and Development</i> , 2018, 27, 1466-1478.	1.1	28
106	Surface immunoglobulins of erythrocytes and platelets in dogs naturally infected by <i>Rangelia vitalii</i> . <i>Microbial Pathogenesis</i> , 2018, 121, 245-251.	1.3	2
107	<i>In silico</i> selection approach to develop DNA aptamers for a stem-like cell subpopulation of non-small lung cancer adenocarcinoma cell line A549. <i>Radiology and Oncology</i> , 2018, 52, 152-159.	0.6	6
108	Bone marrow-derived mesenchymal stem cells versus adipose-derived mesenchymal stem cells for peripheral nerve regeneration. <i>Neural Regeneration Research</i> , 2018, 13, 100.	1.6	29

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109	Stem Cell Reviews and Reports: Induced Pluripotent Stem Cells, Embryonic Stem Cells and Development Section. Stem Cell Reviews and Reports, 2017, 13, 3-3.	5.6	3
110	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.	1.0	14
111	Cellular Migration Ability Is Modulated by Extracellular Purines in Ovarian Carcinoma SKOV3 Cells. Journal of Cellular Biochemistry, 2017, 118, 4468-4478.	1.2	16
112	Carvacrol promotes neuroprotection in the mouse hemiparkinsonian model. Neuroscience, 2017, 356, 176-181.	1.1	41
113	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.	1.2	39
114	Guidelines for the use of flow cytometry and cell sorting in immunological studies <sup>*</sup> . European Journal of Immunology, 2017, 47, 1584-1797.	1.6	505
115	Interference of ursolic acid treatment with glioma growth: An in vitro and in vivo study. European Journal of Pharmacology, 2017, 811, 268-275.	1.7	15
116	Determining the Roles of Inositol Trisphosphate Receptors in Neurodegeneration: Interdisciplinary Perspectives on a Complex Topic. Molecular Neurobiology, 2017, 54, 6870-6884.	1.9	14
117	Impacts of Aptamer Technology on Diagnostics, Biotechnology, and Therapy. , 2017, , 125-142.		0
118	Dopaminergic and GABAergic Neuron In Vitro Differentiation from Embryonic Stem Cells. Neuromethods, 2017, , 45-53.	0.2	1
119	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, , .	1.2	3
120	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, 365-375.	1.1	23
121	Tumor necrosis factor reduces Plasmodium falciparum growth and activates calcium signaling in human malaria parasites. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1489-1497.	1.1	37
122	Purinergic signaling during Porphyromonas gingivalis infection. Biomedical Journal, 2016, 39, 251-260.	1.4	23
123	Working with Stem Cells. , 2016, , .		2
124	Scaffolds for Embryonic Stem Cell Growth and Differentiation. , 2016, , 347-365.		2
125	Bradykinin promotes neuron-generating division of neural progenitor cells via ERK activation. Journal of Cell Science, 2016, 129, 3437-48.	1.2	26
126	Studying complex system: calcium oscillations as attractor of cell differentiation. Integrative Biology (United Kingdom), 2016, 8, 130-148.	0.6	19



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127	Kinins and microglial responses in bipolar disorder: a neuroinflammation hypothesis. <i>Biological Chemistry</i> , 2016, 397, 283-296.	1.2	34
128	Variations of ATP and its metabolites in the hippocampus of rats subjected to pilocarpine-induced temporal lobe epilepsy. <i>Purinergic Signalling</i> , 2016, 12, 295-302.	1.1	30
129	Purinergic receptors in embryonic and adult neurogenesis. <i>Neuropharmacology</i> , 2016, 104, 272-281.	2.0	74
130	Interplay Between Exosomes, microRNAs and Toll-Like Receptors in Brain Disorders. <i>Molecular Neurobiology</i> , 2016, 53, 2016-2028.	1.9	69
131	Applications of Aptamers in Flow and Imaging Cytometry. <i>Methods in Molecular Biology</i> , 2016, 1380, 127-134.	0.4	6
132	Bradykinin promotes neuron-generating division of neural progenitor cells through ERK activation. <i>Development (Cambridge)</i> , 2016, 143, e1.1-e1.1.	1.2	0
133	In vitro microniches for stem and progenitor cell differentiation and brain vasculature explored by flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 895-896.	1.1	0
134	Extracellular nucleotides as novel, underappreciated pro-metastatic factors that stimulate purinergic signaling in human lung cancer cells. <i>Molecular Cancer</i> , 2015, 14, 201.	7.9	48
135	Kininâ€‹ $\beta$ 1 and $\beta$ 2 receptor activity in proliferation and neural phenotype determination of mouse embryonic stem cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 989-1000.	1.1	8
136	Bradykininâ€‹induced inhibition of proliferation rate during neurosphere differentiation: Consequence or cause of neuronal enrichment?. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 929-935.	1.1	16
137	Aptamer for imaging and therapeutic targeting of brain tumor glioblastoma. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 806-816.	1.1	40
138	Roles of Kinins in the Nervous System. <i>Cell Transplantation</i> , 2015, 24, 613-623.	1.2	24
139	Antibodyâ€‹and aptamerâ€‹strategies for Gvâ€‹HD prevention. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 11-20.	1.6	7
140	Involvement of nucleotides in glial growth following scratch injury in avian retinal cell monolayer cultures. <i>Purinergic Signalling</i> , 2015, 11, 183-201.	1.1	6
141	Neuronal adhesion, proliferation and differentiation of embryonic stem cells on hybrid scaffolds made of xanthan and magnetite nanoparticles. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 045002.	1.7	46
142	A Cyclic GMP-Dependent K <sup>+</sup> Channel in the Blastocladiomycete Fungus <i>Blastocladiella emersonii</i> . <i>Eukaryotic Cell</i> , 2015, 14, 958-963.	3.4	19
143	Paraoxon and Pyridostigmine Interfere with Neural Stem Cell Differentiation. <i>Neurochemical Research</i> , 2015, 40, 2091-2101.	1.6	10
144	Growth and Neurotrophic Factor Receptors in Neural Differentiation and Phenotype Specification. , 2015, , 77-90.		0

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145	Intracellular Calcium Measurements for Functional Characterization of Neuronal Phenotypes. <i>Methods in Molecular Biology</i> , 2015, 1341, 245-255.	0.4	8
146	Calcium signaling and cell proliferation. <i>Cellular Signalling</i> , 2015, 27, 2139-2149.	1.7	154
147	Effects of ATP and NGF on Proliferation and Migration of Neural Precursor Cells. <i>Neurochemical Research</i> , 2015, 40, 1849-1857.	1.6	16
148	Purinergic system dysfunction in mood disorders: a key target for developing improved therapeutics. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 57, 117-131.	2.5	89
149	Immunomodulation in Stem Cell Differentiation into Neurons and Brain Repair. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 474-486.	5.6	23
150	Ecto-5â€™-Nucleotidase Overexpression Reduces Tumor Growth in a Xenograph Medulloblastoma Model. <i>PLoS ONE</i> , 2015, 10, e0140996.	1.1	24
151	Abstract 4144: Extracellular nucleotides and purinergic signaling as novel, underappreciated, pro-metastatic factors for human lung cancer cells. , 2015, , .		0
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