

Henning Ulrich

List of Publications by Year in descending order

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Version: 2024-02-01

269
papers

8,871
citations

53794

45
h-index

66911

78
g-index

281
all docs

281
docs citations

281
times ranked

14651
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
2	Guidelines for the use of flow cytometry and cell sorting in immunological studies [*] . European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
3	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.	3.8	349
4	From purines to purinergic signalling: molecular functions and human diseases. Signal Transduction and Targeted Therapy, 2021, 6, 162.	17.1	171
5	Calcium signaling and cell proliferation. Cellular Signalling, 2015, 27, 2139-2149.	3.6	154
6	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.	1.5	147
7	In Vitro Selection of RNA Aptamers That Bind to Cell Adhesion Receptors of Trypanosoma cruzi and Inhibit Cell Invasion. Journal of Biological Chemistry, 2002, 277, 20756-20762.	3.4	136
8	Regulation of Microglial Functions by Purinergic Mechanisms in the Healthy and Diseased CNS. Cells, 2020, 9, 1108.	4.1	129
9	Functions of neurotrophins and growth factors in neurogenesis and brain repair. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83A, 76-89.	1.5	125
10	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, 83A, 48-61.	1.5	114
11	Infection by Trypanosoma cruzi. Journal of Biological Chemistry, 2001, 276, 19382-19389.	3.4	112
12	Purinergic signaling in embryonic and stem cell development. Cellular and Molecular Life Sciences, 2011, 68, 1369-1394.	5.4	108
13	Neural stem cell differentiation into mature neurons: Mechanisms of regulation and biotechnological applications. Biotechnology Advances, 2018, 36, 1946-1970.	11.7	106
14	Phenotypes of stem cells from diverse origin. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 6-10.	1.5	105
15	Î±-Lipoic Acid Supplementation Prevents Symptoms of Vitamin E Deficiency. Biochemical and Biophysical Research Communications, 1994, 204, 98-104.	2.1	104
16	Hyperactivation of P2X7 receptors as a culprit of COVID-19 neuropathology. Molecular Psychiatry, 2021, 26, 1044-1059.	7.9	104
17	Purinergic system in psychiatric diseases. Molecular Psychiatry, 2018, 23, 94-106.	7.9	101
18	Purinergic system dysfunction in mood disorders: a key target for developing improved therapeutics. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 57, 117-131.	4.8	89

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19	Dengue Fever, <scp>COVID</scp>â€”19 (<scp>SARSâ€”CoV</scp>â€”2), and <scp>Antibodyâ€”Dependent</scp> Enhancement (<scp>ADE</scp>): A Perspective. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 662-667.	1.5	89
20	The P2X7 Receptor: Central Hub of Brain Diseases. Frontiers in Molecular Neuroscience, 2020, 13, 124.	2.9	87
21	Novel perspectives of neural stem cell differentiation: From neurotransmitters to therapeutics. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 38-53.	1.5	86
22	P2X7 Receptor Signaling in Stress and Depression. International Journal of Molecular Sciences, 2019, 20, 2778.	4.1	84
23	DNA and RNA Aptamers: From Tools for Basic Research Towards Therapeutic Applications. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 619-632.	1.1	82
24	Modulation of Mouse Embryonic Stem Cell Proliferation and Neural Differentiation by the P2X7 Receptor. PLoS ONE, 2014, 9, e96281.	2.5	82
25	Nucleic acid aptamers as high affinity ligands in biotechnology and biosensorics. Journal of Pharmaceutical and Biomedical Analysis, 2013, 81-82, 210-217.	2.8	77
26	Alteration of purinergic P2X4 and P2X7 receptor expression in rats with temporal-lobe epilepsy induced by pilocarpine. Epilepsy Research, 2009, 83, 157-167.	1.6	74
27	Purinergic receptors in embryonic and adult neurogenesis. Neuropharmacology, 2016, 104, 272-281.	4.1	74
28	RNA and DNA aptamers in cytomics analysis. Cytometry, 2004, 59A, 220-231.	1.8	72
29	In vitro selection of RNA molecules that displace cocaine from the membrane-bound nicotinic acetylcholine receptor. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14051-14056.	7.1	71
30	Amino Acid Metabolic Routes in Trypanosoma cruzi: Possible Therapeutic Targets Against Chagas; Disease. Current Drug Targets Infectious Disorders, 2005, 5, 53-64.	2.1	70
31	Antiproliferative and apoptotic effects of caffeic acid on SK-Mel-28 human melanoma cancer cells. Molecular Biology Reports, 2019, 46, 2085-2092.	2.3	70
32	Interplay Between Exosomes, microRNAs and Toll-Like Receptors in Brain Disorders. Molecular Neurobiology, 2016, 53, 2016-2028.	4.0	69
33	Extrinsic Purinergic Regulation of Neural Stem/Progenitor Cells: Implications for CNS Development and Repair. Stem Cell Reviews and Reports, 2012, 8, 755-767.	5.6	66
34	P19 embryonal carcinoma cells as in vitro model for studying purinergic receptor expression and modulation of N-methyl-D-aspartateâ€”glutamate and acetylcholine receptors during neuronal differentiation. Neuroscience, 2007, 146, 1169-1181.	2.3	64
35	Diseaseâ€”specific biomarker discovery by aptamers. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 727-733.	1.5	64
36	Perspectives of purinergic signaling in stem cell differentiation and tissue regeneration. Purinergic Signalling, 2012, 8, 523-537.	2.2	60

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37	Neuronal Differentiation of P19 Embryonal Carcinoma Cells Modulates Kinin B2 Receptor Gene Expression and Function. <i>Journal of Biological Chemistry</i> , 2005, 280, 19576-19586.	3.4	58
38	New insights into purinergic receptor signaling in neuronal differentiation, neuroprotection, and brain disorders. <i>Purinergic Signalling</i> , 2007, 3, 317-331.	2.2	57
39	Mechanism-based discovery of ligands that counteract inhibition of the nicotinic acetylcholine receptor by cocaine and MK-801. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 13895-13900.	7.1	53
40	Pharmacological reversal of synaptic and network pathology in human <i>MECP2</i> α KO neurons and cortical organoids. <i>EMBO Molecular Medicine</i> , 2021, 13, e12523.	6.9	53
41	Neurotransmitter receptor expression and activity during neuronal differentiation of embryonal carcinoma and stem cells: from basic research towards clinical applications. <i>Cell Proliferation</i> , 2006, 39, 281-300.	5.3	52
42	Conformational Effects in Biological Catalysis: An Antibody-Catalyzed Oxy-Cope Rearrangement. <i>Biochemistry</i> , 2000, 39, 627-632.	2.5	51
43	Role of acetylcholine receptors in proliferation and differentiation of P19 embryonal carcinoma cells. <i>Experimental Cell Research</i> , 2008, 314, 1429-1443.	2.6	51
44	Neural differentiation of rat aorta pericyte cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 65-71.	1.5	51
45	Extracellular nucleotides as novel, underappreciated pro-metastatic factors that stimulate purinergic signaling in human lung cancer cells. <i>Molecular Cancer</i> , 2015, 14, 201.	19.2	48
46	Optimization of SELEX: Comparison of different methods for monitoring the progress of in vitro selection of aptamers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 151-159.	2.8	47
47	Kinin α 2 receptor expression and activity during differentiation of embryonic rat neurospheres. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 361-368.	1.5	46
48	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.	3.3	46
49	Mechanism of acetylcholine-induced calcium signaling during neuronal differentiation of P19 embryonal carcinoma cells in vitro. <i>Cell Calcium</i> , 2008, 43, 107-121.	2.4	44
50	Implications of purinergic receptor-mediated intracellular calcium transients in neural differentiation. <i>Cell Communication and Signaling</i> , 2013, 11, 12.	6.5	44
51	Magnetic hydrogels for levodopa release and cell stimulation triggered by external magnetic field. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 415-424.	5.0	44
52	Actions of octocoral and tobacco cembranoids on nicotinic receptors. <i>Toxicon</i> , 2009, 54, 1174-1182.	1.6	43
53	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.	7.2	43
54	Peptide Blockers of the Inhibition of Neuronal Nicotinic Acetylcholine Receptors by Amyloid β . <i>Journal of Biological Chemistry</i> , 2005, 280, 31085-31090.	3.4	42

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55	Purinergic Receptors in Neurological Diseases With Motor Symptoms: Targets for Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 325.	3.5	42
56	Kinin and Purine Signaling Contributes to Neuroblastoma Metastasis. <i>Frontiers in Pharmacology</i> , 2018, 9, 500.	3.5	42
57	Calcium signalling: A common target in neurological disorders and neurogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2019, 95, 25-33.	5.0	42
58	Recognition of biomarkers and cell-specific molecular signatures: Aptamers as capture agents. <i>Journal of Separation Science</i> , 2009, 32, 1523-1530.	2.5	41
59	Kinin-B2 Receptor Activity Determines the Differentiation Fate of Neural Stem Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 44046-44061.	3.4	41
60	Carvacrol promotes neuroprotection in the mouse hemiparkinsonian model. <i>Neuroscience</i> , 2017, 356, 176-181.	2.3	41
61	Pharmacological properties of purinergic receptors and their effects on proliferation and induction of neuronal differentiation of P19 embryonal carcinoma cells. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 763-777.	1.6	40
62	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.	1.5	40
63	5-Aminolevulinate and 4, 5-dioxovalerate ions decrease GABAA receptor density in neuronal cells, synaptosomes and rat brain. <i>Brain Research</i> , 2006, 1093, 95-104.	2.2	39
64	Brilliant Blue G, but not Fenofibrate, Treatment Reverts Hemiparkinsonian Behavior and Restores Dopamine Levels in an Animal Model of Parkinson's Disease. <i>Cell Transplantation</i> , 2017, 26, 669-677.	2.5	39
65	Natural intracellular peptides can modulate the interactions of mouse brain proteins and thimet oligopeptidase with 14-3-3 σ and calmodulin. <i>Proteomics</i> , 2012, 12, 2641-2655.	2.2	38
66	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.	3.7	38
67	Characterization of Ectonucleotidases in Human Medulloblastoma Cell Lines: ecto-5'-NT/CD73 in Metastasis as Potential Prognostic Factor. <i>PLoS ONE</i> , 2012, 7, e47468.	2.5	37
68	Tumor necrosis factor reduces Plasmodium falciparum growth and activates calcium signaling in human malaria parasites. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1489-1497.	2.4	37
69	Spermine protects from LPS-induced memory deficit via BDNF and TrkB activation. <i>Neurobiology of Learning and Memory</i> , 2018, 149, 135-143.	1.9	37
70	Infection with Leishmania amazonensis upregulates purinergic receptor expression and induces host-cell susceptibility to UTP-mediated apoptosis. <i>Cellular Microbiology</i> , 2011, 13, 1410-1428.	2.1	36
71	Autism Spectrum Disorder: Signaling Pathways and Prospective Therapeutic Targets. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 619-649.	3.3	36
72	Cell Cycle Regulation During Neurogenesis in the Embryonic and Adult Brain. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 794-805.	5.6	34

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73	Kinins and microglial responses in bipolar disorder: a neuroinflammation hypothesis. <i>Biological Chemistry</i> , 2016, 397, 283-296.	2.5	34
74	Aptamers: novelty tools for cancer biology. <i>Oncotarget</i> , 2018, 9, 26934-26953.	1.8	34
75	Concise Review: Molecular Cytogenetics and Quality Control: Clinical Guardians for Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2018, 7, 867-875.	3.3	33
76	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.	3.3	32
77	Effect of lipoic acid on cyclophosphamide-induced diabetes and insulinitis in non-obese diabetic mice. <i>International Journal of Immunopharmacology</i> , 1994, 16, 61-66.	1.1	31
78	Bj-PRO-5a, a natural angiotensin-converting enzyme inhibitor, promotes vasodilatation mediated by both bradykinin B2 and M1 muscarinic acetylcholine receptors. <i>Biochemical Pharmacology</i> , 2011, 81, 736-742.	4.4	31
79	Retinoic Acid-Treated Pluripotent Stem Cells Undergoing Neurogenesis Present Increased Aneuploidy and Micronuclei Formation. <i>PLoS ONE</i> , 2011, 6, e20667.	2.5	31
80	RNA Aptamers: From Basic Science Towards Therapy. , 2006, , 305-326.		30
81	Aptamers: from bench side research towards patented molecules with therapeutic applications. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 1603-1613.	5.0	30
82	Interactions between the NO-Citrulline Cycle and Brain-derived Neurotrophic Factor in Differentiation of Neural Stem Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 29690-29701.	3.4	30
83	Proline rich-oligopeptides: Diverse mechanisms for antihypertensive action. <i>Peptides</i> , 2013, 48, 124-133.	2.4	30
84	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.	2.2	30
85	Novel Conducting and Biodegradable Copolymers with Noncytotoxic Properties toward Embryonic Stem Cells. <i>ACS Omega</i> , 2018, 3, 5593-5604.	3.5	30
86	The P2X7 Receptor in the Maintenance of Cancer Stem Cells, Chemoresistance and Metastasis. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 288-300.	3.8	30
87	Genomic Physiology: Alternative splicing of P2X6 receptors in developing mouse brain and during in vitro neuronal differentiation. <i>Experimental Physiology</i> , 2007, 92, 139-145.	2.0	29
88	Bone marrow-derived mesenchymal stem cells versus adipose-derived mesenchymal stem cells for peripheral nerve regeneration. <i>Neural Regeneration Research</i> , 2018, 13, 100.	3.0	29
89	Kinin-B2 Receptor Mediated Neuroprotection after NMDA Excitotoxicity Is Reversed in the Presence of Kinin-B1 Receptor Agonists. <i>PLoS ONE</i> , 2012, 7, e30755.	2.5	28
90	Cancer Stem Cells or Tumor Survival Cells?. <i>Stem Cells and Development</i> , 2018, 27, 1466-1478.	2.1	28

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91	Selective Secretase Targeting for Alzheimer's Disease Therapy. Journal of Alzheimer's Disease, 2021, 81, 1-17.	2.6	28
92	Directed Differentiation of Neural Progenitors into Neurons Is Accompanied by Altered Expression of P2X Purinergic Receptors. Journal of Molecular Neuroscience, 2011, 44, 141-146.	2.3	27
93	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, 91-97.	1.6	27
94	Methods of Mesenchymal Stem Cell Homing to the Blood-Brain Barrier. Methods in Molecular Biology, 2018, 1842, 81-91.	0.9	27
95	Neurobiology of glycine transporters: From molecules to behavior. Neuroscience and Biobehavioral Reviews, 2020, 118, 97-110.	6.1	27
96	Development of the anti-VEGF aptamer to a therapeutic agent for clinical ophthalmology. Clinical Ophthalmology, 2007, 1, 393-402.	1.8	27
97	Flow cytometry as a tool for analyzing changes in <i>Plasmodium falciparum</i> cell cycle following treatment with indol compounds. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 959-964.	1.5	26
98	Aptamers: Novel Molecules as Diagnostic Markers in Bacterial and Viral Infections?. BioMed Research International, 2013, 2013, 1-7.	1.9	26
99	Bradykinin promotes neuron-generating division of neural progenitor cells via ERK activation. Journal of Cell Science, 2016, 129, 3437-48.	2.0	26
100	Inhibition Mechanism of the Recombinant Rat P2X2 Receptor in Glial Cells by Suramin and TNP-ATP. Biochemistry, 2006, 45, 224-233.	2.5	25
101	Roles of Kinins in the Nervous System. Cell Transplantation, 2015, 24, 613-623.	2.5	24
102	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.	4.8	24
103	Purinergic Receptors in Basal Ganglia Diseases: Shared Molecular Mechanisms between Huntington's and Parkinson's Disease. Neuroscience Bulletin, 2020, 36, 1299-1314.	2.9	24
104	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.	7.9	24
105	Role of P2X7 Receptors in Immune Responses During Neurodegeneration. Frontiers in Cellular Neuroscience, 2021, 15, 662935.	3.7	24
106	Ecto-5'-Nucleotidase Overexpression Reduces Tumor Growth in a Xenograph Medulloblastoma Model. PLoS ONE, 2015, 10, e0140996.	2.5	24
107	Characterization of pressure-induced calcium response in neuronal cell lines. Cytometry, 2001, 43, 175-181.	1.8	23
108	Immunomodulation in Stem Cell Differentiation into Neurons and Brain Repair. Stem Cell Reviews and Reports, 2015, 11, 474-486.	5.6	23

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109	Glioblastoma-mesenchymal stem cell communication modulates expression patterns of kinin receptors: Possible involvement of bradykinin in information flow. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 365-375.	1.5	23
110	Purinergic signaling during <i>Porphyromonas gingivalis</i> infection. <i>Biomedical Journal</i> , 2016, 39, 251-260.	3.1	23
111	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
112	DNA and RNA Aptamers as Modulators of Protein Function. <i>Medicinal Chemistry</i> , 2005, 1, 199-208.	1.5	23
113	Alternative splicing of P2X6 receptors in developing mouse brain and during in vitro neuronal differentiation. <i>Experimental Physiology</i> , 2007, 92, 139-145.	2.0	22
114	The snake venom peptide <i>Bj</i>-PRO-7a is a M1 muscarinic acetylcholine receptor agonist. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 77-83.	1.5	22
115	The monoterpene (â€“)â€œcarvone: A novel agonist of TRPV1 channels. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 212-219.	1.5	22
116	Purinergic receptors in neurogenic processes. <i>Brain Research Bulletin</i> , 2019, 151, 3-11.	3.0	22
117	Involvement of a Gardos-type potassium channel in head activator-induced mitosis of BON cells. <i>European Journal of Cell Biology</i> , 1998, 76, 119-124.	3.6	21
118	Dose/response curves of lipoic acid R- and S-forms in the working rat heart during reoxygenation: Superiority of the R-enantiomer in enhancement of aortic flow. <i>Journal of Molecular and Cellular Cardiology</i> , 1995, 27, 1895-1903.	1.9	20
119	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.	4.6	20
120	The Lipoic Acid Analogue 1,2-Diselenolane-3-pentanoic Acid Protects Human Low Density Lipoprotein against Oxidative Modification Mediated by Copper Ion. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 819-824.	2.1	19
121	Alpha7 Nicotinic Acetylcholine Receptor Expression and Activity During Neuronal Differentiation of PC12 Pheochromocytoma Cells. <i>Journal of Molecular Neuroscience</i> , 2010, 41, 329-339.	2.3	19
122	Brain nitric oxide production by a proline-rich decapeptide from <i>Bothrops jararaca</i> venom improves baroreflex sensitivity of spontaneously hypertensive rats. <i>Hypertension Research</i> , 2010, 33, 1283-1288.	2.7	19
123	A Cyclic GMP-Dependent K ⁺ Channel in the Blastocladiomycete Fungus <i>Blastocladiella emersonii</i> . <i>Eukaryotic Cell</i> , 2015, 14, 958-963.	3.4	19
124	Studying complex system: calcium oscillations as attractor of cell differentiation. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 130-148.	1.3	19
125	Midbrain Dopaminergic Neurons Differentiated from Human-Induced Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2019, 1919, 97-118.	0.9	18
126	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.	4.1	18

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127	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.	2.3	18
128	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.	2.2	18
129	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.	3.8	18
130	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.	3.8	17
131	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.	4.9	17
132	Selection of 2'-Fluoro-modified RNA Aptamers for Alleviation of Cocaine and MK-801 Inhibition of the Nicotinic Acetylcholine Receptor. <i>Journal of Membrane Biology</i> , 2004, 202, 137-149.	2.1	16
133	Enhancement of the citrulline–nitric oxide cycle in astrogloma cells by the proline-rich peptide-10c from <i>Bothrops jararaca</i> venom. <i>Brain Research</i> , 2010, 1363, 11-19.	2.2	16
134	Neural Differentiation of P19 Carcinoma Cells and Primary Neurospheres: Cell Morphology, Proliferation, Viability, and Functionality. <i>Current Protocols in Stem Cell Biology</i> , 2012, 20, Unit 2D.9.	3.0	16
135	Bradykinin-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.	1.5	16
136	Effects of ATP and NGF on Proliferation and Migration of Neural Precursor Cells. <i>Neurochemical Research</i> , 2015, 40, 1849-1857.	3.3	16
137	Cellular Migration Ability Is Modulated by Extracellular Purines in Ovarian Carcinoma SKOV3 Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4468-4478.	2.6	16
138	RNA and DNA aptamers as potential tools to prevent cell adhesion in disease. <i>Brazilian Journal of Medical and Biological Research</i> , 2001, 34, 295-300.	1.5	15
139	Reversing the Action of Noncompetitive Inhibitors (MK-801 and Cocaine) on a Protein (Nicotinic) Tj ETQq1 1 0.784314 rgBT / Overlock	2.5	15
140	Interference of ursolic acid treatment with glioma growth: An in vitro and in vivo study. <i>European Journal of Pharmacology</i> , 2017, 811, 268-275.	3.5	15
141	Stem cell contributions to neurological disease modeling and personalized medicine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 54-62.	4.8	15
142	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.	2.2	15
143	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.	5.4	15
144	P2Y2 receptor activation promotes esophageal cancer cells proliferation via ERK1/2 pathway. <i>European Journal of Pharmacology</i> , 2021, 891, 173687.	3.5	15

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145	Cancer Metabostemness and Metabolic Reprogramming via P2X7 Receptor. <i>Cells</i> , 2021, 10, 1782.	4.1	15
146	P2X receptors in maintenance and differentiation of neural progenitor cells. <i>Neural Regeneration Research</i> , 2014, 9, 2040.	3.0	15
147	A novel physiological property of snake bradykinin-potentiating peptidesâ€”Reversion of MK-801 inhibition of nicotinic acetylcholine receptors. <i>Peptides</i> , 2008, 29, 1708-1715.	2.4	14
148	Where new approaches can stem from: Focus on stem cell identification. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 1-3.	1.5	14
149	The central nervous system as target for antihypertensive actions of a prolineâ€”rich peptide from <i>Bothrops jararaca</i> venom. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 220-230.	1.5	14
150	Neuronal differentiation involves a shift from glucose oxidation to fermentation. <i>Journal of Bioenergetics and Biomembranes</i> , 2011, 43, 531-539.	2.3	14
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