

Pavel Uhrin

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

4,340
citations

172386
29
h-index

138417
58
g-index

60
all docs

60
docs citations

60
times ranked

7871
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Dependent and Pathway-Specific Bimodal Action of Nicotine on Synaptic Plasticity in the Hippocampus of Mice Lacking the miR-132/212 Genes. <i>Cells</i> , 2022, 11, 261.	1.8	5
2	C-geranylated flavonoids from <i>Paulownia tomentosa</i> Steud. fruit as potential anti-inflammatory agents. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115509.	2.0	2
3	<i>Pterocarpus santalinus</i> Selectively Inhibits a Subset of Pro-Inflammatory Genes in Interleukin-1 Stimulated Endothelial Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 802153.	1.6	1
4	De novo Vessel Formation Through Cross-Talk of Blood-Derived Cells and Mesenchymal Stromal Cells in the Absence of Pre-existing Vascular Structures. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 602210.	2.0	7
5	Reduced Na ⁺ current in Purkinje fibers explains cardiac conduction defects and arrhythmias in Duchenne muscular dystrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1436-H1440.	1.5	6
6	Cellular and Molecular Mechanisms of Vasculogenesis, Angiogenesis, and Lymphangiogenesis. <i>Learning Materials in Biosciences</i> , 2019, , 131-143.	0.2	4
7	Intervention of Inflammatory Monocyte Activity Limits Dermal Fibrosis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2144-2153.	0.3	11
8	Black pepper dietary supplementation increases high-density lipoprotein (HDL) levels in pigs. <i>Current Research in Biotechnology</i> , 2019, 1, 28-33.	1.9	8
9	Resveratrol and Its Effects on the Vascular System. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1523.	1.8	169
10	Eupatoriopicrin Inhibits Pro-inflammatory Functions of Neutrophils via Suppression of IL-8 and TNF- α Production and p38 and ERK 1/2 MAP Kinases. <i>Journal of Natural Products</i> , 2019, 82, 375-385.	1.5	10
11	Podoplanin Gene Disruption in Mice Promotes in vivo Neural Progenitor Cells Proliferation, Selectively Impairs Dentate Gyrus Synaptic Depression and Induces Anxiety-Like Behaviors. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 561.	1.8	7
12	Vascular smooth muscle cell proliferation as a therapeutic target. Part 2: Natural products inhibiting proliferation. <i>Biotechnology Advances</i> , 2018, 36, 1608-1621.	6.0	38
13	Vascular smooth muscle cell proliferation as a therapeutic target. Part 1: molecular targets and pathways. <i>Biotechnology Advances</i> , 2018, 36, 1586-1607.	6.0	78
14	Lymph node blood vessels provide exit routes for metastatic tumor cell dissemination in mice. <i>Science</i> , 2018, 359, 1408-1411.	6.0	304
15	Vasculoprotective Effects of Pomegranate (<i>Punica granatum</i> L.). <i>Frontiers in Pharmacology</i> , 2018, 9, 544.	1.6	96
16	Premature senescence of endothelial cells upon chronic exposure to TNF α can be prevented by N-acetyl cysteine and plumericin. <i>Scientific Reports</i> , 2017, 7, 39501.	1.6	104
17	PAI-1 (Plasminogen Activator Inhibitor-1) Expression Renders Alternatively Activated Human Macrophages Proteolytically Quiescent. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1913-1922.	1.1	22
18	Protective role of the matricellular protein CCN3 in abdominal aortic aneurysm. <i>Journal of Thoracic Disease</i> , 2016, 8, 2365-2368.	0.6	1

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19	Plumericin inhibits proliferation of vascular smooth muscle cells by blocking STAT3 signaling via S-glutathionylation. <i>Scientific Reports</i> , 2016, 6, 20771.	1.6	23
20	The brain-tumor related protein podoplanin regulates synaptic plasticity and hippocampus-dependent learning and memory. <i>Annals of Medicine</i> , 2016, 48, 652-668.	1.5	18
21	Proteome analysis of testis from infertile protein C inhibitor-deficient mice reveals novel changes in serpin processing and prostaglandin metabolism. <i>Electrophoresis</i> , 2015, 36, 2837-2840.	1.3	6
22	Indirubin and Indirubin Derivatives for Counteracting Proliferative Diseases. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.	0.5	52
23	In vivo Tube Assay: An Optimised Protocol of the Directed in vivo Angiogenesis Assay by Implementing Immunohistochemistry. <i>Journal of Vascular Research</i> , 2015, 52, 116-126.	0.6	1
24	CCL7 contributes to the TNF- α dependent inflammation of lesional psoriatic skin. <i>Experimental Dermatology</i> , 2015, 24, 522-528.	1.4	30
25	Discovery and resupply of pharmacologically active plant-derived natural products: A review. <i>Biotechnology Advances</i> , 2015, 33, 1582-1614.	6.0	1,871
26	CX3CL1 (Fractalkine) Protein Expression in Normal and Degenerating Mouse Retina: In Vivo Studies. <i>PLoS ONE</i> , 2014, 9, e106562.	1.1	30
27	Thymic medullar conduits-associated podoplanin promotes natural regulatory T cells. <i>Immunology Letters</i> , 2013, 154, 31-41.	1.1	19
28	ISG12 is a critical modulator of innate immune responses in murine models of sepsis. <i>Immunobiology</i> , 2013, 218, 1207-1216.	0.8	26
29	Soluble Carcinoembryonic Antigen Activates Endothelial Cells and Tumor Angiogenesis. <i>Cancer Research</i> , 2013, 73, 6584-6596.	0.4	55
30	Imbricarinic Acid and Perlatolic Acid: Multi-Targeting Anti-Inflammatory Depsides from <i>Cetrelia monachorum</i> . <i>PLoS ONE</i> , 2013, 8, e76929.	1.1	30
31	Cold induces reactive oxygen species production and activation of the NF- κ B response in endothelial cells and inflammation in vivo. <i>Journal of Thrombosis and Haemostasis</i> , 2013, 11, 1716-1726.	1.9	38
32	uPAR. <i>Cell Adhesion and Migration</i> , 2013, 7, 23-26.	1.1	27
33	The Interferon Stimulated Gene 12 Inactivates Vasculoprotective Functions of NR4A Nuclear Receptors. <i>Circulation Research</i> , 2012, 110, e50-63.	2.0	37
34	VEGF-initiated angiogenesis and the uPA/uPAR system. <i>Cell Adhesion and Migration</i> , 2012, 6, 535-540.	1.1	94
35	The urokinase receptor (CD87) represents a central mediator of growth factor-induced endothelial cell migration. <i>Thrombosis and Haemostasis</i> , 2012, 108, 357-366.	1.8	45
36	VEGF-induced endothelial cell migration requires urokinase receptor (uPAR)-dependent integrin redistribution. <i>Cardiovascular Research</i> , 2012, 94, 125-135.	1.8	62

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37	Signal Integration and Coincidence Detection in the Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase (ERK) Cascade. <i>Journal of Biological Chemistry</i> , 2011, 286, 25663-25674.	1.6	30
38	Novel function for blood platelets and podoplanin in developmental separation of blood and lymphatic circulation. <i>Blood</i> , 2010, 115, 3997-4005.	0.6	267
39	Expression patterns of protein C inhibitor in mouse development. <i>Journal of Molecular Histology</i> , 2010, 41, 27-37.	1.0	7
40	The inflammatory mediator oncostatin M induces angiopoietin-2 expression in endothelial cells in vitro and in vivo. <i>Journal of Thrombosis and Haemostasis</i> , 2010, 8, 596-604.	1.9	36
41	Indirubin-3'-Monoxime Blocks Vascular Smooth Muscle Cell Proliferation by Inhibition of Signal Transducer and Activator of Transcription 3 Signaling and Reduces Neointima Formation In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2475-2481.	1.1	50
42	Pulmonary Vein, Dorsal Atrial Wall and Atrial Septum Abnormalities in Podoplanin Knockout Mice With Disturbed Posterior Heart Field Contribution. <i>Pediatric Research</i> , 2009, 65, 27-32.	1.1	38
43	The inflammatory mediator oncostatin M induces stromal derived factor-1 in human adult cardiac cells. <i>FASEB Journal</i> , 2009, 23, 774-782.	0.2	31
44	Podoplanin deficient mice show a rhoA-related hypoplasia of the sinus venosus myocardium including the sinoatrial node. <i>Developmental Dynamics</i> , 2009, 238, 183-193.	0.8	53
45	Sodium current properties of primary skeletal myocytes and cardiomyocytes derived from different mouse strains. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 1023-1033.	1.3	9
46	Cardiac malformations and myocardial abnormalities in podoplanin knockout mouse embryos: Correlation with abnormal epicardial development. <i>Developmental Dynamics</i> , 2008, 237, 847-857.	0.8	130
47	VEGF and AMD3100-Induced Rapid Mobilization of C-Kit/Sca-1 Positive Murine Bone Marrow Cells and of Gr-1+/CD-11b+ Myeloid Cells Is Impaired in Urokinase (uPA) and Urokinase Receptor (uPAR) Deficient Mice. <i>Blood</i> , 2008, 112, 1384-1384.	0.6	0
48	Vascular Endothelial Growth Factor Is Induced by the Inflammatory Cytokines Interleukin-6 and Oncostatin M in Human Adipose Tissue In Vitro and in Murine Adipose Tissue In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1587-1595.	1.1	89
49	Male fertility and protein C inhibitor/plasminogen activator inhibitor-3 (PCI): localization of PCI in mouse testis and failure of single plasminogen activator knockout to restore spermatogenesis in PCI-deficient mice. <i>Fertility and Sterility</i> , 2007, 88, 1049-1057.	0.5	24
50	Expression of recombinant human factor VIII in milk of several generations of transgenic rabbits. <i>Transgenic Research</i> , 2007, 16, 353-361.	1.3	33
51	Sexing and multiple genotype analysis from a single cell of bovine embryo. <i>Theriogenology</i> , 2001, 55, 1071-1081.	0.9	62
52	Protein C Inhibitor is Expressed in Keratinocytes of Human Skin. <i>Journal of Investigative Dermatology</i> , 1999, 113, 32-37.	0.3	21
53	Molecular cloning and sequence analysis of the mouse protein C inhibitor gene. <i>Gene</i> , 1997, 186, 61-66.	1.0	19
54	Molecular cloning and tissue distribution of mouse protein C inhibitor (PCI). <i>Immunopharmacology</i> , 1996, 32, 96-98.	2.0	21

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55	Effect of protein C inhibitor (PCI) on in vitro fertilization. Immunopharmacology, 1996, 33, 140-142.	2.0	7
56	Protein C inhibitor (PCI). Immunopharmacology, 1996, 32, 53-56.	2.0	29
57	Effects of oxytocin, vasopressin and vasotocin and their agonists on steroid secretion by bovine granulosa cells. Animal Reproduction Science, 1995, 39, 81-87.	0.5	3
58	Annexin VI isoforms are differentially expressed in mammalian tissues. Biochimica Et Biophysica Acta - Molecular Cell Research, 1994, 1223, 368-374.	1.9	34
59	Effect of training on fibre composition and phosphate metabolites in rest measured in vitro in muscles of young pigs. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1992, 102, 397-401.	0.2	3
60	³¹ P NMR study of phosphorus metabolites in fast and slow muscles. International Journal of Biochemistry & Cell Biology, 1990, 22, 1133-1138.	0.8	7