Andrius Kazlauskas

List of Publications by Year
in descending order

87 papers	10,500 citations	47006 47 h-index	66911 78 g-index
89 all docs	89 docs citations	89 times ranked	9056 citing authors

#	Article	IF	Citations
1	Receptors | Platelet-Derived Growth Factor Receptor Family. , 2021, , 247-253.		0
2	Microenvironment dependent gene expression signatures in reprogrammed human colon normal and cancer cell lines. BMC Cancer, 2018, 18, 222.	2.6	8
3	PDGFs and their receptors. Gene, 2017, 614, 1-7.	2.2	148
4	ER stress-induced aggresome trafficking of HtrA1 protects against proteotoxicity. Journal of Molecular Cell Biology, 2017, 9, 516-532.	3.3	9
5	Prevention of Proliferative Vitreoretinopathy by Suppression of Phosphatidylinositol 5-Phosphate 4-Kinases. , 2016, 57, 3935.		16
6	Vascular Endothelial Cell Growth Factor A Acts via Platelet-Derived Growth Factor Receptor Î± To Promote Viability of Cells Enduring Hypoxia. Molecular and Cellular Biology, 2016, 36, 2314-2327.	2.3	13
7	Epitope Specificity Determines Pathogenicity and Detectability of Antiâ€"Plateletâ€Derived Growth Factor Receptor Î± Autoantibodies in Systemic Sclerosis. Arthritis and Rheumatology, 2015, 67, 1891-1903.	5.6	32
8	RasGAP Promotes Autophagy and Thereby Suppresses Platelet-Derived Growth Factor Receptor-Mediated Signaling Events, Cellular Responses, and Pathology. Molecular and Cellular Biology, 2015, 35, 1673-1685.	2.3	21
9	Insulin-like Growth Factor 1 (IGF-1) Stabilizes Nascent Blood Vessels. Journal of Biological Chemistry, 2015, 290, 6349-6360.	3.4	57
10	Vascular Endothelial Growth Factor Acts Primarily via Platelet-Derived Growth Factor Receptor Î± to Promote Proliferative Vitreoretinopathy. American Journal of Pathology, 2014, 184, 3052-3068.	3.8	36
11	Plakophilin-2 Promotes Activation of Epidermal Growth Factor Receptor. Molecular and Cellular Biology, 2014, 34, 3778-3779.	2.3	7
12	Is neutralizing vitreal growth factors a viable strategy to prevent proliferative vitreoretinopathy?. Progress in Retinal and Eye Research, 2014, 40, 16-34.	15.5	127
13	A Reactive Oxygen Species-Mediated, Self-Perpetuating Loop Persistently Activates Platelet-Derived Growth Factor Receptor Î±. Molecular and Cellular Biology, 2014, 34, 110-122.	2.3	41
14	Pericytes prevent regression of endothelial cell tubes by accelerating metabolism of lysophosphatidic acid. Microvascular Research, 2014, 93, 62-71.	2.5	13
15	Lactate Engages Receptor Tyrosine Kinases Axl, Tie2, and Vascular Endothelial Growth Factor Receptor 2 to Activate Phosphoinositide 3-Kinase/Akt and Promote Angiogenesis. Journal of Biological Chemistry, 2013, 288, 21161-21172.	3.4	134
16	Axl is essential for VEGF-A-dependent activation of PI3K/Akt. EMBO Journal, 2012, 31, 1692-1703.	7.8	168
17	Pathological Signaling via Platelet-Derived Growth Factor Receptor Î± Involves Chronic Activation of Akt and Suppression of p53. Molecular and Cellular Biology, 2011, 31, 1788-1799.	2.3	58
18	SHP-2/PTPN11 mediates gliomagenesis driven by PDGFRA and INK4A/ARF aberrations in mice and humans. Journal of Clinical Investigation, 2011, 121, 905-917.	8.2	78

#	Article	IF	Citations
19	Profilin-1 Is Expressed in Human Atherosclerotic Plaques and Induces Atherogenic Effects on Vascular Smooth Muscle Cells. PLoS ONE, 2010, 5, e13608.	2.5	49
20	The Î±-Receptor for Platelet-Derived Growth Factor Confers Bone-Metastatic Potential to Prostate Cancer Cells by Ligand- and Dimerization-Independent Mechanisms. Cancer Research, 2010, 70, 4195-4203.	0.9	20
21	Phospholipase CÎ³ Activation Drives Increased Production of Autotaxin in Endothelial Cells and Lysophosphatidic Acid-Dependent Regression. Molecular and Cellular Biology, 2010, 30, 2401-2410.	2.3	35
22	Recent developments in our understanding of how platelet-derived growth factor (PDGF) and its receptors contribute to proliferative vitreoretinopathy. Experimental Eye Research, 2010, 90, 376-381.	2.6	91
23	Growth Factors Outside the PDGF Family Drive Experimental PVR. , 2009, 50, 3394.		63
24	Growth Factors Outside of the Platelet-derived Growth Factor (PDGF) Family Employ Reactive Oxygen Species/Src Family Kinases to Activate PDGF Receptor Î± and Thereby Promote Proliferation and Survival of Cells. Journal of Biological Chemistry, 2009, 284, 6329-6336.	3.4	88
25	PDGF receptor-Î² modulates metanephric mesenchyme chemotaxis induced by PDGF AA. American Journal of Physiology - Renal Physiology, 2009, 296, F406-F417.	2.7	14
26	Platelet-Derived Growth Factor. , 2008, , 99-111.		0
27	Protein Kinase A-dependent Translocation of Hsp90Î± Impairs Endothelial Nitric-oxide Synthase Activity in High Glucose and Diabetes. Journal of Biological Chemistry, 2007, 282, 9364-9371.	3.4	86
28	Gene therapy for corneal graft survival. Expert Review of Ophthalmology, 2007, 2, 409-417.	0.6	0
29	Regulating angiogenesis at the level of PtdIns-4,5-P2. EMBO Journal, 2006, 25, 2075-2082.	7.8	49
30	Stimulatory Autoantibodies to the PDGF Receptor in Systemic Sclerosis. New England Journal of Medicine, 2006, 354, 2667-2676.	27.0	549
31	Oxysterol Drive CRP Expression in Endothelial Cells. FASEB Journal, 2006, 20, A205.	0.5	0
32	Phosphatidylinositol (3,4,5)-trisphosphate specifically interacts with the phox homology domain of phospholipase D1 and stimulates its activity. Journal of Cell Science, 2005, 118, 4405-4413.	2.0	53
33	Distinct effectors of platelet-derived growth factor receptor-Â signaling are required for cell survival during embryogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8233-8238.	7.1	21
34	The priming/completion paradigm to explain growth factor-dependent cell cycle progression. Growth Factors, 2005, 23, 203-210.	1.7	13
35	A NHERF binding site links the Î²PDGFR to the cytoskeleton and regulates cell spreading and migration. Journal of Cell Science, 2004, 117, 2951-2961.	2.0	65
36	Platelet-derived Growth Factor Receptor-mediated Signal Transduction from Endosomes. Journal of Biological Chemistry, 2004, 279, 8038-8046.	3.4	123

#	Article	IF	Citations
37	PDGF signaling in cells and mice. Cytokine and Growth Factor Reviews, 2004, 15, 205-213.	7.2	349
38	VE-cadherin increases the half-life of VEGF receptor 2. Experimental Cell Research, 2004, 300, 248-256.	2.6	30
39	A new link between the c-Abl tyrosine kinase and phosphoinositide signalling through PLC-Î³1. Nature Cell Biology, 2003, 5, 309-319.	10.3	124
40	Signaling by the Platelet-Derived Growth Factor Receptor Family. , 2003, , 397-404.		2
41	The Timing and Extent of Activation of Diacylglycerol-Responsive Protein Kinase-Cs Determines Their Ability to Inhibit or Promote Platelet-Derived Growth Factor-Dependent DNA Synthesis. Experimental Cell Research, 2002, 281, 167-174.	2.6	5
42	Regulation of Ras signaling by the cell cycle. Current Opinion in Genetics and Development, 2002, 12, 44-46.	3.3	36
43	The Requirement of Tyrosines 579 and 581 for Maximal Ligand-Dependent Activation of the Î²PDGFR Is Influenced by Noncytoplasmic Regions of the Receptor. Experimental Cell Research, 2001, 265, 80-89.	2.6	0
44	Growth factor-dependent signaling and cell cycle progression. FEBS Letters, 2001, 490, 110-116.	2.8	100
45	Growth Factor-Dependent Signaling and Cell Cycle Progression. Chemical Reviews, 2001, 101, 2413-2424.	47.7	39
46	Early phosphoinositide 3-kinase activity is required for late activation of protein kinase CÎµ in platelet-derived-growth-factor-stimulated cells: evidence for signalling across a large temporal gap. Biochemical Journal, 2001, 358, 281.	3.7	8
47	Early phosphoinositide 3-kinase activity is required for late activation of protein kinase CÎµ in platelet-derived-growth-factor-stimulated cells: evidence for signalling across a large temporal gap. Biochemical Journal, 2001, 358, 281-285.	3.7	13
48	The TEL/PDGFÎ²R fusion in chronic myelomonocytic leukemia signals through STAT5-dependent and STAT5-independent pathways. Blood, 2001, 98, 3390-3397.	1.4	52
49	Growth-factor-dependent mitogenesis requires two distinct phases of signalling. Nature Cell Biology, 2001, 3, 165-172.	10.3	257
50	Platelet-derived Growth Factor-induced H2O2 Production Requires the Activation of Phosphatidylinositol 3-Kinase. Journal of Biological Chemistry, 2000, 275, 10527-10531.	3.4	283
51	Connecting signaling and cell cycle progression in growth factor-stimulated cells. Oncogene, 2000, 19, 5558-5567.	5.9	60
52	PDGF initiates two distinct phases of protein kinase C activity that make unequal contributions to the G0 to S transition. Current Biology, 2000, 10, 261-267.	3.9	36
53	A new member of an old family. Nature Cell Biology, 2000, 2, E78-E79.	10.3	26
54	Plateletâ€derived growth factorâ€induced activation of sphingosine kinase requires phosphorylation of the PDGF receptor tyrosine residue responsible for binding of PLCÎ³. FASEB Journal, 1999, 13, 1593-1600.	0.5	74

#	Article	IF	Citations
55	A Role for Cadherin-5 in Regulation of Vascular Endothelial Growth Factor Receptor 2 Activity in Endothelial Cells. Molecular Biology of the Cell, 1999, 10, 3401-3407.	2.1	60
56	Disruption of Gap Junctional Communication by the Platelet-derived Growth Factor Is Mediated via Multiple Signaling Pathways. Journal of Biological Chemistry, 1999, 274, 10489-10496.	3.4	55
57	Integrins Enhance Platelet-derived Growth Factor (PDGF)-dependent Responses by Altering the Signal Relay Enzymes That Are Recruited to the PDGF Î² Receptor. Journal of Biological Chemistry, 1999, 274, 19551-19558.	3.4	76
58	Identification of the Receptor-associated Signaling Enzymes That Are Required for Platelet-derived Growth Factor-AA-dependent Chemotaxis and DNA Synthesis. Journal of Biological Chemistry, 1999, 274, 28335-28343.	3.4	73
59	PDGF induces an early and a late wave of PI 3-kinase activity, and only the late wave is required for progression through G1. Current Biology, 1999, 9, 512-521.	3.9	143
60	Reduced receptor expression for platelet-derived growth factor and epidermal growth factor in dividing mouse lung epithelial cells. , 1999, 25, 285-294.		9
61	Evidence for Distinct Signaling Properties and Biological Responses Induced by the PDGF Receptor Î± and Î² Subtypes. Growth Factors, 1999, 16, 201-216.	1.7	190
62	Diverse Signaling Pathways Activated by Growth Factor Receptors Induce Broadly Overlapping, Rather Than Independent, Sets of Genes. Cell, 1999, 97, 727-741.	28.9	447
63	Multiple Roles for Src in a PDGF-Stimulated Cell. Experimental Cell Research, 1999, 253, 271-279.	2.6	55
64	Phosphospecific Antibodies Reveal Temporal Regulation of Platelet-Derived Growth Factor Î² Receptor Signaling. Experimental Cell Research, 1999, 253, 704-712.	2.6	16
65	Platelet-derived growth factor-dependent association of the GTPase-activating protein of Ras and Src. Biochemical Journal, 1999, 344, 519-526.	3.7	21
66	Platelet-derived growth factor-dependent association of the GTPase-activating protein of Ras and Src. Biochemical Journal, 1999, 344, 519.	3.7	8
67	Src-like adaptor protein (Slap) is a negative regulator of mitogenesis. Current Biology, 1998, 8, 975-978.	3.9	67
68	A Role for Src in Signal Relay by the Platelet-derived Growth Factor Î± Receptor. Journal of Biological Chemistry, 1998, 273, 5908-5915.	3.4	76
69	Full Activation of the Platelet-derived Growth Factor Î²-Receptor Kinase Involves Multiple Events. Journal of Biological Chemistry, 1998, 273, 17050-17055.	3.4	98
70	Phosphoinositide 3-Kinase Regulates Phospholipase CÎ³-mediated Calcium Signaling. Journal of Biological Chemistry, 1998, 273, 23750-23757.	3.4	207
71	Activation of Src Family Members Is Not Required for the Platelet-Derived Growth Factor Î² Receptor To Initiate Mitogenesis. Molecular and Cellular Biology, 1998, 18, 2014-2022.	2.3	54
72	Platelet-derived Growth Factor-dependent Cellular Transformation Requires Either Phospholipase CÎ³ or Phosphatidylinositol 3 Kinase. Journal of Biological Chemistry, 1997, 272, 9011-9018.	3.4	52

#	Article	IF	Citations
73	The Platelet-derived Growth Factor Î² Receptor Triggers Multiple Cytoplasmic Signaling Cascades That Arrive at the Nucleus as Distinguishable Inputs. Journal of Biological Chemistry, 1997, 272, 32670-32678.	3.4	33
74	Requirement of Phosphatidylinositol-3 Kinase for Activation of JNK/SAPKs by PDGF. Biochemical and Biophysical Research Communications, 1997, 232, 273-277.	2.1	64
75	PLC-Î³ activation is required for PDGF-Î²R-mediated mitogenesis and monocytic differentiation of myeloid progenitor cells. Oncogene, 1997, 15, 585-593.	5.9	33
76	Effects of Overexpressing Wild-Type and Mutant PDGF Receptors on Translocation of GLUT4 in Transfected Rat Adipose Cells. Biochemical and Biophysical Research Communications, 1996, 226, 587-594.	2.1	32
77	D-3 phosphoinositide metabolism in cells treated with platelet-derived growth factor. Biochemical Journal, 1996, 319, 851-860.	3.7	26
78	Platelet-derived Growth Factor Induces a Long-term Inhibition of -Methyl-D-aspartate Receptor Function. Journal of Biological Chemistry, 1996, 271, 16151-16159.	3.4	66
79	Identification of a Putative Syp Substrate, the PDGFÎ² Receptor. Journal of Biological Chemistry, 1995, 270, 22208-22217.	3.4	142
80	Phosphatidylinositol 3-Kinase Activity Is Required at a Postendocytic Step in Platelet-derived Growth Factor Receptor Trafficking. Journal of Biological Chemistry, 1995, 270, 13225-13230.	3.4	158
81	The protein kinase encoded by the Akt proto-oncogene is a target of the PDGF-activated phosphatidylinositol 3-kinase. Cell, 1995, 81, 727-736.	28.9	1,938
82	Regulation of chemotaxis by the platelet-derived growth factor receptor-Î². Nature, 1994, 367, 474-476.	27.8	425
83	PDGF- and insulin-dependent pp70S6k activation mediated by phosphatidylinositol-3-OH kinase. Nature, 1994, 370, 71-75.	27.8	722
84	Receptor tyrosine kinases and their targets. Current Opinion in Genetics and Development, 1994, 4, 5-14.	3.3	169
85	Phospholipase C-Î³1 and phosphatidylinositol 3 kinase are the downstream mediators of the PDGF receptor's mitogenic signal. Cell, 1993, 73, 321-334.	28.9	682
86	Regulation of Tyrosine Kinases by Tyrosine Phosphorylation. , 1991, , 279-288.		1
87	Autophosphorylation of the PDGF receptor in the kinase insert region regulates interactions with cell proteins. Cell, 1989, 58, 1121-1133.	28.9	522