

Andrius Kazlauskas

List of Publications by Year in descending order

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47006

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89
docs citations

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times ranked

9056
citing authors

#	ARTICLE	IF	CITATIONS
1	The protein kinase encoded by the Akt proto-oncogene is a target of the PDGF-activated phosphatidylinositol 3-kinase. <i>Cell</i> , 1995, 81, 727-736.	28.9	1,938
2	PDGF- and insulin-dependent pp70S6k activation mediated by phosphatidylinositol-3-OH kinase. <i>Nature</i> , 1994, 370, 71-75.	27.8	722
3	Phospholipase C- β 1 and phosphatidylinositol 3 kinase are the downstream mediators of the PDGF receptor's mitogenic signal. <i>Cell</i> , 1993, 73, 321-334.	28.9	682
4	Stimulatory Autoantibodies to the PDGF Receptor in Systemic Sclerosis. <i>New England Journal of Medicine</i> , 2006, 354, 2667-2676.	27.0	549
5	Autophosphorylation of the PDGF receptor in the kinase insert region regulates interactions with cell proteins. <i>Cell</i> , 1989, 58, 1121-1133.	28.9	522
6	Diverse Signaling Pathways Activated by Growth Factor Receptors Induce Broadly Overlapping, Rather Than Independent, Sets of Genes. <i>Cell</i> , 1999, 97, 727-741.	28.9	447
7	Regulation of chemotaxis by the platelet-derived growth factor receptor- β . <i>Nature</i> , 1994, 367, 474-476.	27.8	425
8	PDGF signaling in cells and mice. <i>Cytokine and Growth Factor Reviews</i> , 2004, 15, 205-213.	7.2	349
9	Platelet-derived Growth Factor-induced H ₂ O ₂ Production Requires the Activation of Phosphatidylinositol 3-Kinase. <i>Journal of Biological Chemistry</i> , 2000, 275, 10527-10531.	3.4	283
10	Growth-factor-dependent mitogenesis requires two distinct phases of signalling. <i>Nature Cell Biology</i> , 2001, 3, 165-172.	10.3	257
11	Phosphoinositide 3-Kinase Regulates Phospholipase C β -mediated Calcium Signaling. <i>Journal of Biological Chemistry</i> , 1998, 273, 23750-23757.	3.4	207
12	Evidence for Distinct Signaling Properties and Biological Responses Induced by the PDGF Receptor α and β Subtypes. <i>Growth Factors</i> , 1999, 16, 201-216.	1.7	190
13	Receptor tyrosine kinases and their targets. <i>Current Opinion in Genetics and Development</i> , 1994, 4, 5-14.	3.3	169
14	Axl is essential for VEGF-A-dependent activation of PI3K/Akt. <i>EMBO Journal</i> , 2012, 31, 1692-1703.	7.8	168
15	Phosphatidylinositol 3-Kinase Activity Is Required at a Postendocytic Step in Platelet-derived Growth Factor Receptor Trafficking. <i>Journal of Biological Chemistry</i> , 1995, 270, 13225-13230.	3.4	158
16	PDGFs and their receptors. <i>Gene</i> , 2017, 614, 1-7.	2.2	148
17	PDGF induces an early and a late wave of PI 3-kinase activity, and only the late wave is required for progression through G1. <i>Current Biology</i> , 1999, 9, 512-521.	3.9	143
18	Identification of a Putative Syp Substrate, the PDGF β Receptor. <i>Journal of Biological Chemistry</i> , 1995, 270, 22208-22217.	3.4	142

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19	Lactate Engages Receptor Tyrosine Kinases Axl, Tie2, and Vascular Endothelial Growth Factor Receptor 2 to Activate Phosphoinositide 3-Kinase/Akt and Promote Angiogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 21161-21172.	3.4	134
20	Is neutralizing vitreal growth factors a viable strategy to prevent proliferative vitreoretinopathy?. <i>Progress in Retinal and Eye Research</i> , 2014, 40, 16-34.	15.5	127
21	A new link between the c-Abl tyrosine kinase and phosphoinositide signalling through PLC- β 3. <i>Nature Cell Biology</i> , 2003, 5, 309-319.	10.3	124
22	Platelet-derived Growth Factor Receptor-mediated Signal Transduction from Endosomes. <i>Journal of Biological Chemistry</i> , 2004, 279, 8038-8046.	3.4	123
23	Growth factor-dependent signaling and cell cycle progression. <i>FEBS Letters</i> , 2001, 490, 110-116.	2.8	100
24	Full Activation of the Platelet-derived Growth Factor β 2-Receptor Kinase Involves Multiple Events. <i>Journal of Biological Chemistry</i> , 1998, 273, 17050-17055.	3.4	98
25	Recent developments in our understanding of how platelet-derived growth factor (PDGF) and its receptors contribute to proliferative vitreoretinopathy. <i>Experimental Eye Research</i> , 2010, 90, 376-381.	2.6	91
26	Growth Factors Outside of the Platelet-derived Growth Factor (PDGF) Family Employ Reactive Oxygen Species/Src Family Kinases to Activate PDGF Receptor β 2 and Thereby Promote Proliferation and Survival of Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 6329-6336.	3.4	88
27	Protein Kinase A-dependent Translocation of Hsp90 α Impairs Endothelial Nitric-oxide Synthase Activity in High Glucose and Diabetes. <i>Journal of Biological Chemistry</i> , 2007, 282, 9364-9371.	3.4	86
28	SHP-2/PTPN11 mediates gliomagenesis driven by PDGFRA and INK4A/ARF aberrations in mice and humans. <i>Journal of Clinical Investigation</i> , 2011, 121, 905-917.	8.2	78
29	A Role for Src in Signal Relay by the Platelet-derived Growth Factor β 2 Receptor. <i>Journal of Biological Chemistry</i> , 1998, 273, 5908-5915.	3.4	76
30	Integrins Enhance Platelet-derived Growth Factor (PDGF)-dependent Responses by Altering the Signal Relay Enzymes That Are Recruited to the PDGF β 2 Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 19551-19558.	3.4	76
31	Platelet-derived growth factor-induced activation of sphingosine kinase requires phosphorylation of the PDGF receptor tyrosine residue responsible for binding of PLC β 3. <i>FASEB Journal</i> , 1999, 13, 1593-1600.	0.5	74
32	Identification of the Receptor-associated Signaling Enzymes That Are Required for Platelet-derived Growth Factor-AA-dependent Chemotaxis and DNA Synthesis. <i>Journal of Biological Chemistry</i> , 1999, 274, 28335-28343.	3.4	73
33	Src-like adaptor protein (Slap) is a negative regulator of mitogenesis. <i>Current Biology</i> , 1998, 8, 975-978.	3.9	67
34	Platelet-derived Growth Factor Induces a Long-term Inhibition of α -Methyl-D-aspartate Receptor Function. <i>Journal of Biological Chemistry</i> , 1996, 271, 16151-16159.	3.4	66
35	A NHERF binding site links the β 2PDGFR to the cytoskeleton and regulates cell spreading and migration. <i>Journal of Cell Science</i> , 2004, 117, 2951-2961.	2.0	65
36	Requirement of Phosphatidylinositol-3 Kinase for Activation of JNK/SAPKs by PDGF. <i>Biochemical and Biophysical Research Communications</i> , 1997, 232, 273-277.	2.1	64

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37	Growth Factors Outside the PDGF Family Drive Experimental PVR. , 2009, 50, 3394.		63
38	A Role for Cadherin-5 in Regulation of Vascular Endothelial Growth Factor Receptor 2 Activity in Endothelial Cells. <i>Molecular Biology of the Cell</i> , 1999, 10, 3401-3407.	2.1	60
39	Connecting signaling and cell cycle progression in growth factor-stimulated cells. <i>Oncogene</i> , 2000, 19, 5558-5567.	5.9	60
40	Pathological Signaling via Platelet-Derived Growth Factor Receptor β Involves Chronic Activation of Akt and Suppression of p53. <i>Molecular and Cellular Biology</i> , 2011, 31, 1788-1799.	2.3	58
41	Insulin-like Growth Factor 1 (IGF-1) Stabilizes Nascent Blood Vessels. <i>Journal of Biological Chemistry</i> , 2015, 290, 6349-6360.	3.4	57
42	Disruption of Gap Junctional Communication by the Platelet-derived Growth Factor Is Mediated via Multiple Signaling Pathways. <i>Journal of Biological Chemistry</i> , 1999, 274, 10489-10496.	3.4	55
43	Multiple Roles for Src in a PDGF-Stimulated Cell. <i>Experimental Cell Research</i> , 1999, 253, 271-279.	2.6	55
44	Activation of Src Family Members Is Not Required for the Platelet-Derived Growth Factor β Receptor To Initiate Mitogenesis. <i>Molecular and Cellular Biology</i> , 1998, 18, 2014-2022.	2.3	54
45	Phosphatidylinositol (3,4,5)-trisphosphate specifically interacts with the phox homology domain of phospholipase D1 and stimulates its activity. <i>Journal of Cell Science</i> , 2005, 118, 4405-4413.	2.0	53
46	Platelet-derived Growth Factor-dependent Cellular Transformation Requires Either Phospholipase $C\beta$ or Phosphatidylinositol 3 Kinase. <i>Journal of Biological Chemistry</i> , 1997, 272, 9011-9018.	3.4	52
47	The TEL/PDGFR β fusion in chronic myelomonocytic leukemia signals through STAT5-dependent and STAT5-independent pathways. <i>Blood</i> , 2001, 98, 3390-3397.	1.4	52
48	Regulating angiogenesis at the level of PtdIns-4,5-P2. <i>EMBO Journal</i> , 2006, 25, 2075-2082.	7.8	49
49	Profilin-1 Is Expressed in Human Atherosclerotic Plaques and Induces Atherogenic Effects on Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2010, 5, e13608.	2.5	49
50	A Reactive Oxygen Species-Mediated, Self-Perpetuating Loop Persistently Activates Platelet-Derived Growth Factor Receptor β . <i>Molecular and Cellular Biology</i> , 2014, 34, 110-122.	2.3	41
51	Growth Factor-Dependent Signaling and Cell Cycle Progression. <i>Chemical Reviews</i> , 2001, 101, 2413-2424.	47.7	39
52	PDGF initiates two distinct phases of protein kinase C activity that make unequal contributions to the G0 to S transition. <i>Current Biology</i> , 2000, 10, 261-267.	3.9	36
53	Regulation of Ras signaling by the cell cycle. <i>Current Opinion in Genetics and Development</i> , 2002, 12, 44-46.	3.3	36
54	Vascular Endothelial Growth Factor Acts Primarily via Platelet-Derived Growth Factor Receptor β to Promote Proliferative Vitreoretinopathy. <i>American Journal of Pathology</i> , 2014, 184, 3052-3068.	3.8	36

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55	Phospholipase C β Activation Drives Increased Production of Autotaxin in Endothelial Cells and Lysophosphatidic Acid-Dependent Regression. <i>Molecular and Cellular Biology</i> , 2010, 30, 2401-2410.	2.3	35
56	The Platelet-derived Growth Factor β Receptor Triggers Multiple Cytoplasmic Signaling Cascades That Arrive at the Nucleus as Distinguishable Inputs. <i>Journal of Biological Chemistry</i> , 1997, 272, 32670-32678.	3.4	33
57	PLC- β activation is required for PDGF- β R-mediated mitogenesis and monocytic differentiation of myeloid progenitor cells. <i>Oncogene</i> , 1997, 15, 585-593.	5.9	33
58	Effects of Overexpressing Wild-Type and Mutant PDGF Receptors on Translocation of GLUT4 in Transfected Rat Adipose Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 587-594.	2.1	32
59	Epitope Specificity Determines Pathogenicity and Detectability of Anti-Platelet-Derived Growth Factor Receptor β Autoantibodies in Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2015, 67, 1891-1903.	5.6	32
60	VE-cadherin increases the half-life of VEGF receptor 2. <i>Experimental Cell Research</i> , 2004, 300, 248-256.	2.6	30
61	D-3 phosphoinositide metabolism in cells treated with platelet-derived growth factor. <i>Biochemical Journal</i> , 1996, 319, 851-860.	3.7	26
62	A new member of an old family. <i>Nature Cell Biology</i> , 2000, 2, E78-E79.	10.3	26
63	Platelet-derived growth factor-dependent association of the GTPase-activating protein of Ras and Src. <i>Biochemical Journal</i> , 1999, 344, 519-526.	3.7	21
64	Distinct effectors of platelet-derived growth factor receptor- β signaling are required for cell survival during embryogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8233-8238.	7.1	21
65	RasGAP Promotes Autophagy and Thereby Suppresses Platelet-Derived Growth Factor Receptor-Mediated Signaling Events, Cellular Responses, and Pathology. <i>Molecular and Cellular Biology</i> , 2015, 35, 1673-1685.	2.3	21
66	The β -Receptor for Platelet-Derived Growth Factor Confers Bone-Metastatic Potential to Prostate Cancer Cells by Ligand- and Dimerization-Independent Mechanisms. <i>Cancer Research</i> , 2010, 70, 4195-4203.	0.9	20
67	Phosphospecific Antibodies Reveal Temporal Regulation of Platelet-Derived Growth Factor β Receptor Signaling. <i>Experimental Cell Research</i> , 1999, 253, 704-712.	2.6	16
68	Prevention of Proliferative Vitreoretinopathy by Suppression of Phosphatidylinositol 5-Phosphate 4-Kinases. , 2016, 57, 3935.		16
69	PDGF receptor- β modulates metanephric mesenchyme chemotaxis induced by PDGF AA. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F406-F417.	2.7	14
70	Early phosphoinositide 3-kinase activity is required for late activation of protein kinase C μ in platelet-derived-growth-factor-stimulated cells: evidence for signalling across a large temporal gap. <i>Biochemical Journal</i> , 2001, 358, 281-285.	3.7	13
71	The priming/completion paradigm to explain growth factor-dependent cell cycle progression. <i>Growth Factors</i> , 2005, 23, 203-210.	1.7	13
72	Pericytes prevent regression of endothelial cell tubes by accelerating metabolism of lysophosphatidic acid. <i>Microvascular Research</i> , 2014, 93, 62-71.	2.5	13

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73	Vascular Endothelial Cell Growth Factor A Acts via Platelet-Derived Growth Factor Receptor $\hat{I}\pm$ To Promote Viability of Cells Enduring Hypoxia. <i>Molecular and Cellular Biology</i> , 2016, 36, 2314-2327.	2.3	13
74	Reduced receptor expression for platelet-derived growth factor and epidermal growth factor in dividing mouse lung epithelial cells. , 1999, 25, 285-294.		9
75	ER stress-induced aggresome trafficking of HtrA1 protects against proteotoxicity. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 516-532.	3.3	9
76	Platelet-derived growth factor-dependent association of the GTPase-activating protein of Ras and Src. <i>Biochemical Journal</i> , 1999, 344, 519.	3.7	8
77	Early phosphoinositide 3-kinase activity is required for late activation of protein kinase $C\hat{I}\mu$ in platelet-derived-growth-factor-stimulated cells: evidence for signalling across a large temporal gap. <i>Biochemical Journal</i> , 2001, 358, 281.	3.7	8
78	Microenvironment dependent gene expression signatures in reprogrammed human colon normal and cancer cell lines. <i>BMC Cancer</i> , 2018, 18, 222.	2.6	8
79	Plakophilin-2 Promotes Activation of Epidermal Growth Factor Receptor. <i>Molecular and Cellular Biology</i> , 2014, 34, 3778-3779.	2.3	7
80	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. <i>Experimental Cell Research</i> , 2002, 281, 167-174.	2.6	5
81	Signaling by the Platelet-Derived Growth Factor Receptor Family. , 2003, , 397-404.		2
82	Regulation of Tyrosine Kinases by Tyrosine Phosphorylation. , 1991, , 279-288.		1
83	The Requirement of Tyrosines 579 and 581 for Maximal Ligand-Dependent Activation of the \hat{I}^2 PDGFR Is Influenced by Noncytoplasmic Regions of the Receptor. <i>Experimental Cell Research</i> , 2001, 265, 80-89.	2.6	0
84	Gene therapy for corneal graft survival. <i>Expert Review of Ophthalmology</i> , 2007, 2, 409-417.	0.6	0
85	Platelet-Derived Growth Factor. , 2008, , 99-111.		0
86	Receptors Platelet-Derived Growth Factor Receptor Family. , 2021, , 247-253.		0
87	Oxysterol Drive CRP Expression in Endothelial Cells. <i>FASEB Journal</i> , 2006, 20, A205.	0.5	0