Edward B Leof

List of Publications by Year
in descending order

47 papers	3,700 citations	147801 31 h-index	223800 46 g-index
48 all docs	48 docs citations	48 times ranked	4272 citing authors

#	Article	IF	Citations
1	A juxtamembrane basolateral targeting motif regulates signaling through a TGF-Î² pathway receptor in Drosophila. PLoS Biology, 2022, 20, e3001660.	5.6	2
2	Transforming growth factor beta induces fibroblasts to express and release the immunomodulatory protein PDâ€L1 into extracellular vesicles. FASEB Journal, 2020, 34, 2213-2226.	0.5	55
3	SIRT7â€mediated modulation of glutaminase 1 regulates TGFâ€Î²â€induced pulmonary fibrosis. FASEB Journal, 2020, 34, 8920-8940.	0.5	25
4	IPF pathogenesis is dependent upon TGFÎ² induction of IGFâ€1. FASEB Journal, 2020, 34, 5363-5388.	0.5	36
5	B7-1 drives TGF-Î² stimulated pancreatic carcinoma cell migration and expression of EMT target genes. PLoS ONE, 2019, 14, e0222083.	2.5	8
6	Hexokinase 2 couples glycolysis with the profibrotic actions of TGF-Î². Science Signaling, 2019, 12, .	3.6	71
7	Fatty acid synthase is required for profibrotic TGFâ€Î² signaling. FASEB Journal, 2018, 32, 3803-3815.	0.5	52
8	Ligandâ€Mediated Mitochondrial Translocation of the Transforming Growth Factorâ€Î² Type I Receptor and Hexokinase 2. FASEB Journal, 2018, 32, 533.3.	0.5	0
9	Basolateral delivery of the type I transforming growth factor beta receptor is mediated by a dominant-acting cytoplasmic motif. Molecular Biology of the Cell, 2017, 28, 2701-2711.	2.1	14
10	CorMatrix Wrapped Around the Adventitia of the Arteriovenous Fistula Outflow Vein Attenuates Venous Neointimal Hyperplasia. Scientific Reports, 2017, 7, 14298.	3.3	9
11	Cell-penetrating peptides selectively targeting SMAD3 inhibit profibrotic TGF-Î² signaling. Journal of Clinical Investigation, 2017, 127, 2541-2554.	8.2	34
12	Tracking and Therapeutic Value of Human Adipose Tissueâ€“derived Mesenchymal Stem Cell Transplantation in Reducing Venous Neointimal Hyperplasia Associated with Arteriovenous Fistula. Radiology, 2016, 279, 513-522.	7.3	32
13	Profibrotic upâ€regulation of glucose transporter 1 by TGFâ€Î² involves activation of MEK and mammalian target of rapamycin complex 2 pathways. FASEB Journal, 2016, 30, 3733-3744.	0.5	52
14	The Role of Repeat Administration of Adventitial Delivery of Lentivirus-shRNA-Vegf-A in Arteriovenous Fistula to Prevent Venous Stenosis Formation. Journal of Vascular and Interventional Radiology, 2016, 27, 576-583.	0.5	15
15	Sorting nexin 9 differentiates ligand-activated Smad3 from Smad2 for nuclear import and transforming growth factor Î² signaling. Molecular Biology of the Cell, 2015, 26, 3879-3891.	2.1	11
16	Cell Density Sensing Alters TGF-Î² Signaling in a Cell-Type-Specific Manner, Independent from Hippo Pathway Activation. Developmental Cell, 2015, 32, 640-651.	7.0	59
17	Adventitial transduction of lentivirus-shRNA-VEGF-A in arteriovenous fistula reduces venous stenosis formation. Kidney International, 2014, 85, 289-306.	5.2	65
18	Profibrotic TGFÎ² responses require the cooperative action of PDGF and ErbB receptor tyrosine kinases. FASEB Journal, 2013, 27, 4444-4454.	0.5	47

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19	Retromer maintains basolateral distribution of the type II TGF-Î² receptor via the recycling endosome. Molecular Biology of the Cell, 2013, 24, 2285-2298.	2.1	34
20	IQGAP1 suppresses TÎ²RII-mediated myofibroblastic activation and metastatic growth in liver. Journal of Clinical Investigation, 2013, 123, 1138-1156.	8.2	78
21	Non-Smad Transforming Growth Factor-Î² Signaling Regulated by Focal Adhesion Kinase Binding the p85 Subunit of Phosphatidylinositol 3-Kinase. Journal of Biological Chemistry, 2011, 286, 17841-17850.	3.4	44
22	ERBB Receptor Activation Is Required for Profibrotic Responses to Transforming Growth Factor Î². Cancer Research, 2010, 70, 7421-7430.	0.9	20
23	Type II Transforming Growth Factor-Î² Receptor Recycling Is Dependent upon the Clathrin Adaptor Protein Dab2. Molecular Biology of the Cell, 2010, 21, 4009-4019.	2.1	56
24	Distinct Roles for Mammalian Target of Rapamycin Complexes in the Fibroblast Response to Transforming Growth Factor-Î². Cancer Research, 2009, 69, 84-93.	0.9	82
25	TGFÎ' versatility: PI3K as a critical mediator of distinct cell type and context specific responses. Cell Cycle, 2009, 8, 1813-1815.	2.6	4
26	Erbin and the NF2 Tumor Suppressor Merlin Cooperatively Regulate Cell-Type-Specific Activation of PAK2 by TGF-Î². Developmental Cell, 2009, 16, 433-444.	7.0	39
27	Transforming Growth Factor Î² Signaling via Ras in Mesenchymal Cells Requires p21-Activated Kinase 2 for Extracellular Signal-Regulated Kinase-Dependent Transcriptional Responses. Cancer Research, 2007, 67, 3673-3682.	0.9	43
28	A Unique Element in the Cytoplasmic Tail of the Type II Transforming Growth Factor-Î² Receptor Controls Basolateral Delivery. Molecular Biology of the Cell, 2007, 18, 3788-3799.	2.1	25
29	TGFâ€Î² signaling: A tale of two responses. Journal of Cellular Biochemistry, 2007, 102, 593-608.	2.6	337
30	Transforming Growth Factor Î² Activation of c-Abl Is Independent of Receptor Internalization and Regulated by Phosphatidylinositol 3-Kinase and PAK2 in Mesenchymal Cultures. Journal of Biological Chemistry, 2006, 281, 27846-27854.	3.4	72
31	Transforming Growth Factor-Î² Activation of Phosphatidylinositol 3-Kinase Is Independent of Smad2 and Smad3 and Regulates Fibroblast Responses via p21-Activated Kinase-2. Cancer Research, 2005, 65, 10431-10440.	0.9	183
32	Imatinib mesylate blocks a nonâ€Smad TGFâ€Î² pathway and reduces renal fibrogenesis in vivo. FASEB Journal, 2005, 19, 1-11.	0.5	339
33	Ligand-dependent and -independent Transforming Growth Factor-Î² Receptor Recycling Regulated by Clathrin-mediated Endocytosis and Rab11. Molecular Biology of the Cell, 2004, 15, 4166-4178.	2.1	193
34	Imatinib mesylate inhibits the profibrogenic activity of TGF-Î² and prevents bleomycin-mediated lung fibrosis. Journal of Clinical Investigation, 2004, 114, 1308-1316.	8.2	297
35	Imatinib mesylate inhibits the profibrogenic activity of TGF-Î² and prevents bleomycin-mediated lung fibrosis. Journal of Clinical Investigation, 2004, 114, 1308-1316.	8.2	485
36	Cell-Type-Specific Activation of PAK2 by Transforming Growth Factor Î² Independent of Smad2 and Smad3. Molecular and Cellular Biology, 2003, 23, 8878-8889.	2.3	132

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37	Transforming Growth Factor-Î² Receptors Interact with AP2 by Direct Binding to Î²2 Subunit. Molecular Biology of the Cell, 2002, 13, 4001-4012.	2.1	115
38	Internalization-Dependent and -Independent Requirements for Transforming Growth Factor Î² Receptor Signaling via the Smad Pathway. Molecular and Cellular Biology, 2002, 22, 4750-4759.	2.3	177
39	Transforming Growth Factor Î² Receptor Signaling and Endocytosis Are Linked through a COOH Terminal Activation Motif in the Type I Receptor. Molecular Biology of the Cell, 2001, 12, 2881-2893.	2.1	44
40	Growth factor receptor signalling: location, location, location. Trends in Cell Biology, 2000, 10, 343-348.	7.9	66
41	Pneumocystis cariniiUses a Functional Cdc13 B-Type Cyclin Complex during Its Life Cycle. American Journal of Respiratory Cell and Molecular Biology, 2000, 22, 722-731.	2.9	32
42	Differential Requirement for Type I and Type II Transforming Growth Factor Î² Receptor Kinase Activity in Ligand-mediated Receptor Endocytosis. Journal of Biological Chemistry, 1998, 273, 23118-23125.	3.4	51
43	Heteromeric and Homomeric Transforming Growth Factor-Î² Receptors Show Distinct Signaling and Endocytic Responses in Epithelial Cells. Journal of Biological Chemistry, 1998, 273, 31770-31777.	3.4	44
44	Characterization of a mitogen-activated protein kinase from<i>Pneumocystis carinii</i>. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L193-L199.	2.9	6
45	Distinct Endocytic Responses of Heteromeric and Homomeric Transforming Growth Factor Î² Receptors. Molecular Biology of the Cell, 1997, 8, 2133-2143.	2.1	60
46	Chimeric Granulocyte/Macrophage Colony-stimulating Factor/Transforming Growth Factor-Î² (TGF-Î²) Receptors Define a Model System for Investigating the Role of Homomeric and Heteromeric Receptors in TGF-Î² Signaling. Journal of Biological Chemistry, 1996, 271, 21758-21766.	3.4	42
47	Differential regulation of p34cdc2 and p33cdk2 by transforming growth factor-Î²1 in murine mammary epithelial cells. Journal of Cellular Biochemistry, 1995, 58, 517-526.	2.6	13