Timothy D Le Cras

List of Publications by Year
in descending order

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47	3,616	201674	223800
papers	citations	27 h-index	46 g-index

47	47	47	4666
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibition of VEGF receptors causes lung cell apoptosis and emphysema. Journal of Clinical Investigation, 2000, 106, 1311-1319.	8.2	979
2	Inhibition of angiogenesis decreases alveolarization in the developing rat lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L600-L607.	2.9	572
3	Diesel exhaust particle induction of IL-17A contributes toÂsevere asthma. Journal of Allergy and Clinical Immunology, 2013, 132, 1194-1204.e2.	2.9	208
4	Midkine Is Regulated by Hypoxia and Causes Pulmonary Vascular Remodeling. Journal of Biological Chemistry, 2004, 279, 37124-37132.	3.4	136
5	Vascular changes after intra-amniotic endotoxin in preterm lamb lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L1178-L1185.	2.9	132
6	Epithelial EGF receptor signaling mediates airway hyperreactivity and remodeling in a mouse model of chronic asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L414-L421.	2.9	126
7	VEGF causes pulmonary hemorrhage, hemosiderosis, and air space enlargement in neonatal mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L134-L142.	2.9	113
8	Rapamycin Prevents Transforming Growth Factor-Î±â€“Induced Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 562-572.	2.9	91
9	EGF receptor tyrosine kinase inhibitors diminish transforming growth factor-Î±-induced pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L1217-L1225.	2.9	79
10	GP130-STAT3 Regulates Epithelial Cell Migration and Is Required for Repair of the Bronchiolar Epithelium. American Journal of Pathology, 2008, 172, 1542-1554.	3.8	67
11	Rapamycin Attenuates Airway Hyperreactivity, Goblet Cells, and IgE in Experimental Allergic Asthma. Journal of Immunology, 2011, 187, 5756-5763.	0.8	67
12	Diesel exhaust particle exposure increases severity of allergic asthma in young mice. Clinical and Experimental Allergy, 2013, 43, 1406-1418.	2.9	63
13	Pharmacological inhibition of EGFR signaling enhances G-CSFâ€“induced hematopoietic stem cell mobilization. Nature Medicine, 2010, 16, 1141-1146.	30.7	61
14	Genomic Profile of Matrix and Vasculature Remodeling in TGF-Î±â€“Induced Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 309-321.	2.9	60
15	Transient induction of TGF-Î± disrupts lung morphogenesis, causing pulmonary disease in adulthood. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L718-L729.	2.9	59
16	Inhibition of PI3K by PX-866 Prevents Transforming Growth Factor-Î±â€“Induced Pulmonary Fibrosis. American Journal of Pathology, 2010, 176, 679-686.	3.8	57
17	Disrupted pulmonary vascular development and pulmonary hypertension in transgenic mice overexpressing transforming growth factor-Î±. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L1046-L1054.	2.9	56
18	p27^{Kip1} Is Important in Modulating Pulmonary Artery Smooth Muscle Cell Proliferation. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 652-658.	2.9	54

#	Article	IF	Citations
19	Angiopoietins as serum biomarkers for lymphatic anomalies. Angiogenesis, 2017, 20, 163-173.	7.2	48
20	Halothane and Isoflurane Inhibit Endothelium-derived Relaxing Factor-dependent Cyclic Guanosine Monophosphate Accumulation in Endothelial Cell-Vascular Smooth Muscle Co-cultures Independent of an Effect on Guanylyl Cyclase Activation. Anesthesiology, 1995, 83, 823-834..	2.5	44
21	Vascular Endothelial Growth Factor-A Induces Prenatal Neovascularization and Alters Bronchial Development in Mice. Pediatric Research, 2005, 57, 82-88.	2.3	44
22	A nonredundant role for mouse Serpinb3a in the induction of mucus production in asthma. Journal of Allergy and Clinical Immunology, 2011, 127, 254-261.e6.	2.9	37
23	Early Growth Response-1 Suppresses Epidermal Growth Factor Receptorâ€“Mediated Airway Hyperresponsiveness and Lung Remodeling in Mice. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 415-425.	2.9	36
24	Constitutively active PIK3CA mutations are expressed by lymphatic and vascular endothelial cells in capillary lymphatic venous malformation. Angiogenesis, 2020, 23, 425-442.	7.2	34
25	Perinatal increases in TGF-Î± disrupt the saccular phase of lung morphogenesis and cause remodeling: microarray analysis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L314-L327.	2.9	33
26	Placenta growth factor augments airway hyperresponsiveness via leukotrienes and IL-13. Journal of Clinical Investigation, 2015, 126, 571-584.	8.2	33
27	Differential Effects of Rapamycin and Dexamethasone in Mouse Models of Established Allergic Asthma. PLoS ONE, 2013, 8, e54426.	2.5	31
28	Vascular growth and remodeling in compensatory lung growth following right lobectomy. Journal of Applied Physiology, 2005, 98, 1140-1148.	2.5	27
29	Epidermal growth factor receptor signalling regulates granulocyteâ€“macrophage colonyâ€stimulating factor production by airway epithelial cells and established allergic airway disease. Clinical and Experimental Allergy, 2016, 46, 317-328.	2.9	27
30	Differential vascular growth in postpneumonectomy compensatory lung growth. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 309-316.	0.8	26
31	Chronic Allergic Inflammation Causes Vascular Remodeling and Pulmonary Hypertension in Bmpr2 Hypomorph and Wild-Type Mice. PLoS ONE, 2012, 7, e32468.	2.5	24
32	Repetitive Prenatal Glucocorticoids Increase Lung Endothelial Nitric Oxide Synthase Expression in Ovine Fetuses Delivered at Term. Pediatric Research, 2000, 48, 75-83.	2.3	23
33	Ponatinib Combined With Rapamycin Causes Regression of Murine Venous Malformation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 496-512.	2.4	22
34	Independent and combined effects of airway remodelling and allergy on airway responsiveness. Clinical Science, 2018, 132, 327-338.	4.3	20
35	Signaling pathways and inhibitors of cells from patients with kaposiform lymphangiomatosis. Pediatric Blood and Cancer, 2019, 66, e27790.	1.5	18
36	Kaposiform lymphangiomatosis treated with multimodal therapy improves coagulopathy and reduces blood angiopoietinâ€2 levels. Pediatric Blood and Cancer, 2020, 67, e28529.	1.5	17

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37	Rapamycin decreases airway remodeling and hyperreactivity in a transgenic model of noninflammatory lung disease. Journal of Applied Physiology, 2011, 111, 1760-1767.	2.5	15
38	Diesel Exhaust Particles Induce Cysteine Oxidation and S-Glutathionylation in House Dust Mite Induced Murine Asthma. PLoS ONE, 2013, 8, e60632.	2.5	15
39	Circulating level of Angiopoietin-2 is associated with acute kidney injury in coronavirus disease 2019 (COVID-19). Angiogenesis, 2021, 24, 403-406.	7.2	15
40	Hypoxia-induced Pulmonary Hypertension in Different Mouse Strains: Relation to Transcriptome. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 106-116.	2.9	14
41	NRASQ61R mutation in human endothelial cells causes vascular malformations. Angiogenesis, 2022, 25, 331-342.	7.2	8
42	Effects of Chronic Hypoxia and Altered Hemodynamics on Endothelial Nitric Oxide Synthase and Preproendothelin-1 Expression in the Adult Rat Lung. Chest, 1998, 114, 35S-36S.	0.8	6
43	TGF-Î± perturbs surfactant homeostasis in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L34-L43.	2.9	6
44	Cellular and molecular mechanisms of PIK3CA-related vascular anomalies. Vascular Biology (Bristol,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.2	6
45	Optical coherence tomography-based contactÂindentationÂfor diaphragm mechanics in a mouse model of transforming growth factor alpha induced lung disease. Scientific Reports, 2017, 7, 1517.	3.3	5
46	Comment on: Potential biomarkers of kaposiform lymphangiomatosis. Pediatric Blood and Cancer, 2020, 67, e28100.	1.5	2
47	Capillary Lymphatic Venous Malformations are caused by EndothelialâEŠSpecific GainâEofâEFunction Mutations in the PIK3CA Gene. FASEB Journal, 2019, 33, 527.3.	0.5	0