

David Lagares

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,435
citations

236612

25
h-index

301761

39
g-index

42
all docs

42
docs citations

42
times ranked

5497
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanosignaling through YAP and TAZ drives fibroblast activation and fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L344-L357.	1.3	570
2	Cartilage-specific deletion of mTOR upregulates autophagy and protects mice from osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1432-1440.	0.5	322
3	Evasion of apoptosis by myofibroblasts: a hallmark of fibrotic diseases. <i>Nature Reviews Rheumatology</i> , 2020, 16, 11-31.	3.5	320
4	Fibrosis is a lethal component of systemic sclerosis. <i>Nature Reviews Rheumatology</i> , 2014, 10, 390-402.	3.5	251
5	PPAR β deficiency results in severe, accelerated osteoarthritis associated with aberrant mTOR signalling in the articular cartilage. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 569-578.	0.5	186
6	Targeted apoptosis of myofibroblasts with the BH3 mimetic ABT-263 reverses established fibrosis. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	155
7	Inhibition of focal adhesion kinase prevents experimental lung fibrosis and myofibroblast formation. <i>Arthritis and Rheumatism</i> , 2012, 64, 1653-1664.	6.7	145
8	Selective YAP/TAZ inhibition in fibroblasts via dopamine receptor D1 agonism reverses fibrosis. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	134
9	Matrix Stiffness: the Conductor of Organ Fibrosis. <i>Current Rheumatology Reports</i> , 2018, 20, 2.	2.1	127
10	Glyceraldehyde-3-Phosphate Dehydrogenase Regulates Endothelin-1 Expression by a Novel, Redox-Sensitive Mechanism Involving mRNA Stability. <i>Molecular and Cellular Biology</i> , 2008, 28, 7139-7155.	1.1	106
11	ADAM10-mediated ephrin-B2 shedding promotes myofibroblast activation and organ fibrosis. <i>Nature Medicine</i> , 2017, 23, 1405-1415.	15.2	99
12	Role of endothelin in the cardiovascular system. <i>Pharmacological Research</i> , 2011, 63, 463-472.	3.1	97
13	The Rho Kinase Isoforms ROCK1 and ROCK2 Each Contribute to the Development of Experimental Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 471-481.	1.4	86
14	Choline kinase as a link connecting phospholipid metabolism and cell cycle regulation: Implications in cancer therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1753-1763.	1.2	74
15	Endothelin 1 contributes to the effect of transforming growth factor β 1 on wound repair and skin fibrosis. <i>Arthritis and Rheumatism</i> , 2010, 62, 878-889.	6.7	71
16	LOXL4 Is Induced by Transforming Growth Factor β 1 through Smad and JunB/Fra2 and Contributes to Vascular Matrix Remodeling. <i>Molecular and Cellular Biology</i> , 2013, 33, 2388-2401.	1.1	70
17	Mechano-therapeutics: Targeting Mechanical Signaling in Fibrosis and Tumor Stroma. , 2020, 212, 107575.		69
18	Senotherapeutics: Targeting senescence in idiopathic pulmonary fibrosis. <i>Seminars in Cell and Developmental Biology</i> , 2020, 101, 104-110.	2.3	64

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19	A FAK/HDAC5 signaling axis controls osteocyte mechanotransduction. <i>Nature Communications</i> , 2020, 11, 3282.	5.8	57
20	Lysophosphatidic acid signaling through its receptor initiates profibrotic epithelial cell fibroblast communication mediated by epithelial cell derived connective tissue growth factor. <i>Kidney International</i> , 2017, 91, 628-641.	2.6	52
21	Targeting Focal Adhesion Kinase in Fibrotic Diseases. <i>BioDrugs</i> , 2013, 27, 15-23.	2.2	42
22	Autotaxin activity increases locally following lung injury, but is not required for pulmonary lysophosphatidic acid production or fibrosis. <i>FASEB Journal</i> , 2016, 30, 2435-2450.	0.2	38
23	Induction of ADAM10 by Radiation Therapy Drives Fibrosis, Resistance, and Epithelial-to-Mesenchymal Transition in Pancreatic Cancer. <i>Cancer Research</i> , 2021, 81, 3255-3269.	0.4	37
24	Adenoviral Gene Transfer of Endothelin-1 in the Lung Induces Pulmonary Fibrosis through the Activation of Focal Adhesion Kinase. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 834-842.	1.4	34
25	A Pathogenetic Role for Endothelin-1 in Peritoneal Dialysis-Associated Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 173-182.	3.0	31
26	BH3 mimetics as anti-fibrotic therapy: Unleashing the mitochondrial pathway of apoptosis in myofibroblasts. <i>Matrix Biology</i> , 2018, 68-69, 94-105.	1.5	30
27	Fibrogenic Lung Injury Induces Non-Cell-Autonomous Fibroblast Invasion. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 831-842.	1.4	27
28	Ephrins and Eph Receptor Signaling in Tissue Repair and Fibrosis. <i>Current Rheumatology Reports</i> , 2019, 21, 23.	2.1	27
29	Lysophosphatidic Acid Signaling through the Lysophosphatidic Acid-1 Receptor Is Required for Alveolarization. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 105-116.	1.4	24
30	Myofibroblast fate plasticity in tissue repair and fibrosis: Deactivation, apoptosis, senescence and reprogramming. <i>Wound Repair and Regeneration</i> , 2021, 29, 678-691.	1.5	20
31	Assessing the progression of systemic sclerosis by monitoring the tissue optic axis using PS-OCT. <i>Scientific Reports</i> , 2020, 10, 2561.	1.6	15
32	Targeting Runt-Related Transcription Factor 1 Prevents Pulmonary Fibrosis and Reduces Expression of Severe Acute Respiratory Syndrome Coronavirus 2 Host Mediators. <i>American Journal of Pathology</i> , 2021, 191, 1193-1208.	1.9	14
33	Animal and Human Models of Tissue Repair and Fibrosis: An Introduction. <i>Methods in Molecular Biology</i> , 2021, 2299, 277-290.	0.4	11
34	A Novel Protective Role for Matrix Metalloproteinase-8 in the Pulmonary Vasculature. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1433-1451.	2.5	11
35	P311 in Scar Wars: Myofibroblasts Lost without Transforming Growth Factor β 2 Translation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 139-140.	1.4	5
36	Method for Investigating Fibroblast Durotaxis. <i>Methods in Molecular Biology</i> , 2021, 2299, 227-236.	0.4	4

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37	Methods for Studying Myofibroblast Apoptotic Pathways. <i>Methods in Molecular Biology</i> , 2021, 2299, 123-137.	0.4	3
38	RNA Sequencing Uncovers Antifibrotic Genes during Lung Fibrosis Resolution. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 401-402.	1.4	3
39	Anti-aging therapy for pulmonary fibrosis. <i>Nature Aging</i> , 2021, 1, 155-156.	5.3	2
40	Targeting fibroblast durotaxis as novel anti-fibrotic therapy for IPF. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2016, , .	0.2	1
41	ROCK Isoforms ROCK 1 and ROCK 2 are Critical for the Development of Pulmonary Fibrosis in Several Different Cell Specific Mechanisms. <i>QJM - Monthly Journal of the Association of Physicians</i> , 0, , .	0.2	1
42	BH3 Mimetic Drugs for Anti-fibrotic Therapy. <i>RSC Drug Discovery Series</i> , 2020, , 235-258.	0.2	0