

# Wei Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/717323/publications.pdf>

Version: 2024-02-01

60  
papers

3,382  
citations

147801

31  
h-index

144013

57  
g-index

61  
all docs

61  
docs citations

61  
times ranked

5421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seventh BHD international symposium: recent scientific and clinical advancement. <i>Oncotarget</i> , 2022, 13, 173-181.	1.8	4
2	Exploration of identifying novel serum biomarkers for malignant mesothelioma using iTRAQ combined with 2D-LC-MS/MS. <i>Environmental Research</i> , 2021, 193, 110467.	7.5	4
3	Histopathologic features of alveolar capillary dysplasia with misalignment of pulmonary veins with atypical clinical presentation. <i>Cardiovascular Pathology</i> , 2021, 50, 107289.	1.6	3
4	Mononuclear phagocytic system and fibrosis: back to the future?. <i>European Respiratory Journal</i> , 2021, 57, 2004466.	6.7	2
5	Rho/ROCK-MYOCN in regulating airway smooth muscle growth and remodeling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L1-L5.	2.9	11
6	Abrogation of mesenchyme-specific TGF- $\beta$ 2 signaling results in lung malformation with prenatal pulmonary cysts in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L1158-L1168.	2.9	9
7	Monocyte and macrophage derived myofibroblasts: Is it fate? A review of the current evidence. <i>Wound Repair and Regeneration</i> , 2021, 29, 548-562.	3.0	27
8	TSC2 regulates lysosome biogenesis via a non-canonical RAGC and TFEB-dependent mechanism. <i>Nature Communications</i> , 2021, 12, 4245.	12.8	52
9	Interleukin-6 mediates PSAT1 expression and serine metabolism in TSC2-deficient cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13
10	Smooth Muscle Differentiation Is Essential for Airway Size, Tracheal Cartilage Segmentation, but Dispensable for Epithelial Branching. <i>Developmental Cell</i> , 2020, 53, 73-85.e5.	7.0	41
11	New Developments in the Pathogenesis of Pulmonary Cysts in Birt-Hogg-Dub Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2020, 41, 247-255.	2.1	10
12	Mesenchymal folliculin is required for alveolar development: implications for cystic lung disease in Birt-Hogg-Dub syndrome. <i>Thorax</i> , 2020, 75, 486-493.	5.6	12
13	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 146-157.	6.3	129
14	Loss of FLCN inhibits canonical WNT signaling via TFE3. <i>Human Molecular Genetics</i> , 2019, 28, 3270-3281.	2.9	20
15	Inactivation of Tsc2 in Abcg2 lineage-derived cells drives the appearance of polycystic lesions and fibrosis in the adult kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F1201-F1210.	2.7	4
16	Genome-wide profiling reveals novel microRNAs in hand-spinning-specific chrysotile exposure. <i>Epigenomics</i> , 2019, 11, 511-525.	2.1	2
17	Mesenchyme-specific deletion of Tgf- $\beta$ 1 in the embryonic lung disrupts branching morphogenesis and induces lung hypoplasia. <i>Laboratory Investigation</i> , 2019, 99, 1363-1375.	3.7	16
18	Alteration of cystic airway mesenchyme in congenital pulmonary airway malformation. <i>Scientific Reports</i> , 2019, 9, 5296.	3.3	11

#	ARTICLE	IF	CITATIONS
19	Lysyl Oxidaseâ€‘Like 1 Protein Deficiency Protects Mice from Adenoviral Transforming Growth Factor- $\beta$ 1â€‘induced Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 461-470.	2.9	44
20	The Origin of Stem Cells in Developmental Lungs. , 2018, , .		0
21	Optimising experimental research in respiratory diseases: an ERS statement. European Respiratory Journal, 2018, 51, 1702133.	6.7	98
22	Spatial and temporal changes in extracellular elastin and laminin distribution during lung alveolar development. Scientific Reports, 2018, 8, 8334.	3.3	43
23	Multiscale light-sheet for rapid imaging of cardiopulmonary system. JCI Insight, 2018, 3, .	5.0	36
24	Cartilage rings contribute to the proper embryonic tracheal epithelial differentiation, metabolism, and expression of inflammatory genes. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L196-L207.	2.9	12
25	Pediatric Acute Respiratory Distress Syndrome: Fibrosis versus Repair. Frontiers in Pediatrics, 2016, 4, 28.	1.9	11
26	BMP signaling is essential in neonatal surfactant production during respiratory adaptation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L29-L38.	2.9	13
27	Immunomodulation by mesenchymal stem cells in treating human autoimmune disease-associated lung fibrosis. Stem Cell Research and Therapy, 2016, 7, 63.	5.5	40
28	Inactivation of Tsc2 in Mesoderm-Derived Cells Causes Polycystic Kidney Lesions and Impairs Lung Alveolarization. American Journal of Pathology, 2016, 186, 3261-3272.	3.8	21
29	Lung Mesenchymal Stem Cells. , 2015, , 331-336.		1
30	A novel profibrotic mechanism mediated by $\text{TGF}\beta$ 2â€‘stimulated collagen prolyl hydroxylase expression in fibrotic lung mesenchymal cells. Journal of Pathology, 2015, 236, 384-394.	4.5	40
31	Genome-wide association study of colorectal cancer identifies six new susceptibility loci. Nature Communications, 2015, 6, 7138.	12.8	138
32	Increased alveolar soluble annexin V promotes lung inflammation and fibrosis. European Respiratory Journal, 2015, 46, 1417-1429.	6.7	15
33	Compromised peroxisomes in idiopathic pulmonary fibrosis, a vicious cycle inducing a higher fibrotic response via $\text{TGF}\beta$ signaling. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2048-57.	7.1	86
34	Mesenchymal adenomatous polyposis coli plays critical and diverse roles in regulating lung development. BMC Biology, 2015, 13, 42.	3.8	17
35	Gremlin Promotes Peritoneal Membrane Injury in an Experimental Mouse Model and Is Associated with Increased Solute Transport in Peritoneal Dialysis Patients. American Journal of Pathology, 2014, 184, 2976-2984.	3.8	16
36	Lung mesenchymal expression of Sox9 plays a critical role in tracheal development. BMC Biology, 2013, 11, 117.	3.8	65

#	ARTICLE	IF	CITATIONS
37	Spatial-temporal targeting of lung-specific mesenchyme by a Tbx4enhancer. BMC Biology, 2013, 11, 111.	3.8	74
38	Strain-induced Differentiation of Fetal Type II Epithelial Cells Is Mediated via the Integrin $\alpha 6 \beta 1$ -ADAM17/Tumor Necrosis Factor- $\alpha$ -converting Enzyme (TACE) Signaling Pathway. Journal of Biological Chemistry, 2013, 288, 25646-25657.	3.4	23
39	TACE in perinatal mouse lung epithelial cells promotes lung saccular formation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L953-L963.	2.9	9
40	Adoptive Transfer of Induced-Treg Cells Effectively Attenuates Murine Airway Allergic Inflammation. PLoS ONE, 2012, 7, e40314.	2.5	85
41	Smad1 and its target gene <i>Wif1</i> coordinate BMP and Wnt signaling activities to regulate fetal lung development. Development (Cambridge), 2011, 138, 925-935.	2.5	50
42	Lung Organogenesis. Current Topics in Developmental Biology, 2010, 90, 73-158.	2.2	386
43	Development, repair and fibrosis: What is common and why it matters. Respirology, 2009, 14, 656-665.	2.3	70
44	Prenatal Lung Epithelial Cell-Specific Abrogation of Alk3-Bone Morphogenetic Protein Signaling Causes Neonatal Respiratory Distress by Disrupting Distal Airway Formation. American Journal of Pathology, 2008, 172, 571-582.	3.8	46
45	Stem/Progenitor Cells in Lung Development, Injury Repair, and Regeneration. Proceedings of the American Thoracic Society, 2008, 5, 703-706.	3.5	128
46	Lung Development and Adult Lung Diseases. Chest, 2007, 132, 651-656.	0.8	133
47	Deficient Alk3-mediated BMP signaling causes prenatal omphalocele-like defect. Biochemical and Biophysical Research Communications, 2007, 360, 238-243.	2.1	19
48	BMP4 Activation and Secretion Are Negatively Regulated by an Intracellular Gremlin-BMP4 Interaction. Journal of Biological Chemistry, 2006, 281, 29349-29356.	3.4	73
49	Abnormal mouse lung alveolarization caused by Smad3 deficiency is a developmental antecedent of centrilobular emphysema. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L683-L691.	2.9	127
50	Smad1 expression and function during mouse embryonic lung branching morphogenesis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L1033-L1039.	2.9	27
51	Molecular Mechanisms of Early Lung Specification and Branching Morphogenesis. Pediatric Research, 2005, 57, 26R-37R.	2.3	192
52	A novel function for the protein tyrosine phosphatase Shp2 during lung branching morphogenesis. Developmental Biology, 2005, 282, 422-431.	2.0	33
53	Overexpression of Smurf1 negatively regulates mouse embryonic lung branching morphogenesis by specifically reducing Smad1 and Smad5 proteins. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L293-L300.	2.9	46
54	Growth factor signaling in lung morphogenetic centers: automaticity, stereotypy and symmetry. Respiratory Research, 2003, 4, 5.	3.6	53

#	ARTICLE	IF	CITATIONS
55	TACE is required for fetal murine cardiac development and modeling. <i>Developmental Biology</i> , 2003, 261, 371-380.	2.0	97
56	Smad3 deficiency attenuates bleomycin-induced pulmonary fibrosis in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 282, L585-L593.	2.9	358
57	Pulmonary Hypoplasia in Mice Lacking Tumor Necrosis Factor- $\alpha$ Converting Enzyme Indicates an Indispensable Role for Cell Surface Protein Shedding during Embryonic Lung Branching Morphogenesis. <i>Developmental Biology</i> , 2001, 232, 204-218.	2.0	112
58	Gremlin negatively modulates BMP-4 induction of embryonic mouse lung branching morphogenesis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L1030-L1039.	2.9	83
59	Smad7 and Smad6 Differentially Modulate Transforming Growth Factor $\beta$ <sup>2</sup> -induced Inhibition of Embryonic Lung Morphogenesis. <i>Journal of Biological Chemistry</i> , 2000, 275, 23992-23997.	3.4	72
60	TGF- $\beta$ <sup>3</sup> -null mutation does not abrogate fetal lung maturation in vivo by glucocorticoids. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999, 277, L1205-L1213.	2.9	20