

# James West

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

3,688  
citations

126708

33  
h-index

138251

58  
g-index

63  
all docs

63  
docs citations

63  
times ranked

3803  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overexpression of Msx1 in Mouse Lung Leads to Loss of Pulmonary Vessels Following Vascular Hypoxic Injury. <i>Cells</i> , 2021, 10, 2306.	1.8	0
2	Adverse effects of BMPR2 suppression in macrophages in animal models of pulmonary hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-11.	0.8	9
3	Mechanistic Phase II Clinical Trial of Metformin in Pulmonary Arterial Hypertension. <i>Journal of the American Heart Association</i> , 2020, 9, e018349.	1.6	44
4	Machine learning-based microarray analyses indicate low-expression genes might collectively influence PAH disease. <i>PLoS Computational Biology</i> , 2019, 15, e1007264.	1.5	14
5	Adverse physiologic effects of Western diet on right ventricular structure and function: role of lipid accumulation and metabolic therapy. <i>Pulmonary Circulation</i> , 2019, 9, 1-9.	0.8	20
6	Upregulation of SERT and ADORA1 in broilers with acute right ventricular failure. <i>Research in Veterinary Science</i> , 2019, 125, 397-400.	0.9	5
7	Human PAH is characterized by a pattern of lipid-related insulin resistance. <i>JCI Insight</i> , 2019, 4, .	2.3	69
8	Myeloid-Derived Suppressor Cells and Pulmonary Hypertension. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2277.	1.8	5
9	A potential therapeutic role for angiotensin-converting enzyme 2 in human pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2018, 51, 1702638.	3.1	183
10	Translational Advances in the Field of Pulmonary Hypertension. From Population Genetics to Precision Medicine and Gene Editing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 23-31.	2.5	32
11	Oestrogen inhibition reverses pulmonary arterial hypertension and associated metabolic defects. <i>European Respiratory Journal</i> , 2017, 50, 1602337.	3.1	55
12	Dysfunctional BMPR2 signaling drives an abnormal endothelial requirement for glutamine in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2017, 7, 186-199.	0.8	57
13	Genotype-Phenotype Effects of <i>Bmpr2</i> Mutations on Disease Severity in Mouse Models of Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2016, 6, 597-607.	0.8	13
14	Genome Editing in Large Animals. <i>Journal of Equine Veterinary Science</i> , 2016, 41, 1-6.	0.4	23
15	Mechanisms of Lipid Accumulation in the Bone Morphogenetic Protein Receptor Type 2 Mutant Right Ventricle. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 719-728.	2.5	75
16	Reply: Expanded Role for Bone Marrow-derived Hematopoietic Stem and Progenitor Cells in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 384-385.	2.5	0
17	Bone Marrow-derived Cells Contribute to the Pathogenesis of Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 898-909.	2.5	60
18	The Endothelial Prolyl-4-Hydroxylase Domain 2/Hypoxia-Inducible Factor 2 Axis Regulates Pulmonary Artery Pressure in Mice. <i>Molecular and Cellular Biology</i> , 2016, 36, 1584-1594.	1.1	110

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19	Critical Genomic Networks and Vasoreactive Variants in Idiopathic Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 464-475.	2.5	69
20	Estrogen Metabolite 16 $\beta$ -Hydroxyestrone Exacerbates Bone Morphogenetic Protein Receptor Type II $\alpha$ -Associated Pulmonary Arterial Hypertension Through MicroRNA-29 $\alpha$ -Mediated Modulation of Cellular Metabolism. <i>Circulation</i> , 2016, 133, 82-97.	1.6	83
21	Peripheral Blood Signature of Vasodilator-Responsive Pulmonary Arterial Hypertension. <i>Circulation</i> , 2015, 131, 401-409.	1.6	72
22	Enhanced caveolin-1 expression in smooth muscle cells: Possible prelude to neointima formation. <i>World Journal of Cardiology</i> , 2015, 7, 671.	0.5	13
23	BMP Pathway Regulation of and by Macrophages. <i>PLoS ONE</i> , 2014, 9, e94119.	1.1	28
24	NF- $\kappa$ B Activation Exacerbates, but Is not Required for Murine Bmpr2-Related Pulmonary Hypertension. <i>Diseases (Basel, Switzerland)</i> , 2014, 2, 148-167.	1.0	5
25	Evidence for Right Ventricular Lipotoxicity in Heritable Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 325-334.	2.5	146
26	Rescuing the BMPR2 signaling axis in pulmonary arterial hypertension. <i>Drug Discovery Today</i> , 2014, 19, 1241-1245.	3.2	24
27	Interaction between Bone Morphogenetic Protein Receptor Type 2 and Estrogenic Compounds in Pulmonary Arterial Hypertension. <i>Pulmonary Circulation</i> , 2013, 3, 564-577.	0.8	47
28	Gender, Sex Hormones and Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2013, 3, 294-314.	0.8	86
29	A potential role for insulin resistance in experimental pulmonary hypertension. <i>European Respiratory Journal</i> , 2013, 41, 861-871.	3.1	104
30	Right Ventricular Systolic Pressure Measurements in Combination with Harvest of Lung and Immune Tissue Samples in Mice. <i>Journal of Visualized Experiments</i> , 2013, , e50023.	0.2	13
31	Echocardiographic Assessment of the Right Heart in Mice. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	18
32	Modification of Hemodynamic and Immune Responses to Exposure with a Weak Antigen by the Expression of a Hypomorphic BMPR2 Gene. <i>PLoS ONE</i> , 2013, 8, e55180.	1.1	20
33	Author's Reply. <i>Pulmonary Circulation</i> , 2013, 3, 447-8.	0.8	0
34	Cytoskeletal defects in Bmpr2-associated pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L474-L484.	1.3	90
35	A Process $\alpha$ -Based Review of Mouse Models of Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2012, 2, 415-433.	0.8	23
36	Whole Exome Sequencing to Identify a Novel Gene (Caveolin-1) Associated With Human Pulmonary Arterial Hypertension. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 336-343.	5.1	333

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37	Testosterone Negatively Regulates Right Ventricular Load Stress Responses in Mice. <i>Pulmonary Circulation</i> , 2012, 2, 352-358.	0.8	64
38	Connectivity Map Analysis of Nonsense-Mediated Decayâ€“Positive <i>BMPR2</i>-Related Hereditary Pulmonary Arterial Hypertension Provides Insights into Disease Penetrance. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 20-27.	1.4	16
39	Disruption of bone morphogenetic protein receptor 2 (BMPR2) in mammary tumors promotes metastases through cell autonomous and paracrine mediators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2814-2819.	3.3	81
40	Role of <i>BMPR2</i> Alternative Splicing in Heritable Pulmonary Arterial Hypertension Penetrance. <i>Circulation</i> , 2012, 126, 1907-1916.	1.6	65
41	BMPR2 expression is suppressed by signaling through the estrogen receptor. <i>Biology of Sex Differences</i> , 2012, 3, 6.	1.8	103
42	Potential Interventions Against BMPR2-Related Pulmonary Hypertension. <i>Advances in Pulmonary Hypertension</i> , 2012, 11, 25-32.	0.1	2
43	Experimental and Transgenic Models of Pulmonary Hypertension. , 2011, 1, 769-82.		23
44	Unrecognized glucose intolerance is common in pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 904-11.	0.3	122
45	ACE2 Improves Right Ventricular Function in a Pressure Overload Model. <i>PLoS ONE</i> , 2011, 6, e20828.	1.1	60
46	Physiologic and molecular consequences of endothelial Bmpr2 mutation. <i>Respiratory Research</i> , 2011, 12, 84.	1.4	54
47	Idiopathic and Heritable PAH Perturb Common Molecular Pathways, Correlated with Increased MSX1 Expression. <i>Pulmonary Circulation</i> , 2011, 1, 389-398.	0.8	27
48	Oxidative Injury is a Common Consequence of BMPR2â€“Mutations. <i>Pulmonary Circulation</i> , 2011, 1, 72-83.	0.8	51
49	Rho-kinase inhibition alleviates pulmonary hypertension in transgenic mice expressing a dominant-negative type II bone morphogenetic protein receptor gene. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L667-L674.	1.3	39
50	Cross Talk Between Smad, MAPK, and Actin in the Etiology of Pulmonary Arterial Hypertension. <i>Advances in Experimental Medicine and Biology</i> , 2010, 661, 265-278.	0.8	32
51	Gene expression in lungs of mice lacking the 5-hydroxytryptamine transporter gene. <i>BMC Pulmonary Medicine</i> , 2009, 9, 19.	0.8	11
52	Gene expression in BMPR2 mutation carriers with and without evidence of Pulmonary Arterial Hypertension suggests pathways relevant to disease penetrance. <i>BMC Medical Genomics</i> , 2008, 1, 45.	0.7	103
53	MURINE PULMONARY RESPONSE TO CHRONIC HYPOXIA IS STRAIN SPECIFIC. <i>Experimental Lung Research</i> , 2008, 34, 313-323.	0.5	30
54	Mice expressing BMPR2<sup>R899X</sup> transgene in smooth muscle develop pulmonary vascular lesions. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L744-L755.	1.3	130

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55	Abrogation of Anti-Inflammatory Transcription Factor LKLF in Neutrophil-Dominated Airways. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 679-688.	1.4	14
56	Molecular effects of loss of BMPR2 signaling in smooth muscle in a transgenic mouse model of PAH. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1556-L1563.	1.3	57
57	Interaction of interleukin-6 and the BMP pathway in pulmonary smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1473-L1479.	1.3	139
58	A bone-derived mixture of TGF $\beta$ 2-superfamily members forms a more mature vascular network than bFGF or TGF $\beta$ 2 in vivo. Angiogenesis, 2006, 8, 327-338.	3.7	10
59	BMP signaling controls PASMCMV channel expression in vitro and in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L841-L848.	1.3	60
60	Interleukin-6 Causes Mild Pulmonary Hypertension and Augments Hypoxia-Induced Pulmonary Hypertension in Mice. Chest, 2005, 128, 572S-573S.	0.4	75
61	Low-Voltage-Activated (T-Type) Calcium Channels Control Proliferation of Human Pulmonary Artery Myocytes. Circulation Research, 2005, 96, 864-872.	2.0	121
62	Pulmonary Hypertension in Transgenic Mice Expressing a Dominant-Negative BMPRII Gene in Smooth Muscle. Circulation Research, 2004, 94, 1109-1114.	2.0	251