

Rachel L Damico

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,343
citations

361045

20
h-index

360668

35
g-index

50
all docs

50
docs citations

50
times ranked

1933
citing authors

#	ARTICLE	IF	CITATIONS
1	Right Ventricular Functional Reserve in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2016, 133, 2413-2422.	1.6	149
2	Prognostic value of the pre-transplant diastolic pulmonary artery pressure to pulmonary capillary wedge pressure gradient in cardiac transplant recipients with pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 289-297.	0.3	123
3	Serum Endostatin Is a Genetically Determined Predictor of Survival in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 208-218.	2.5	92
4	Pulmonary Effective Arterial Elastance as a Measure of Right Ventricular Afterload and Its Prognostic Value in Pulmonary Hypertension Due to Left Heart Disease. <i>Circulation: Heart Failure</i> , 2018, 11, e004436.	1.6	85
5	Novel Mutations and Decreased Expression of the Epigenetic Regulator <i>TET2</i> in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2020, 141, 1986-2000.	1.6	75
6	Health-related Quality of Life and Survival in Pulmonary Arterial Hypertension. <i>Annals of the American Thoracic Society</i> , 2016, 13, 31-39.	1.5	65
7	p53 Mediates Cigarette Smoke-Induced Apoptosis of Pulmonary Endothelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 323-332.	1.4	63
8	Cellular sources of interleukin-6 and associations with clinical phenotypes and outcomes in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2020, 55, 1901761.	3.1	48
9	Identifying microRNAs targeting Wnt/ β -catenin pathway in end-stage idiopathic pulmonary arterial hypertension. <i>Journal of Molecular Medicine</i> , 2016, 94, 875-885.	1.7	43
10	Pulmonary arterial hypertension and atrial arrhythmias: incidence, risk factors, and clinical impact. <i>Pulmonary Circulation</i> , 2018, 8, 1-8.	0.8	43
11	Heart Rate Dependence of the Pulmonary Resistance x Compliance (RC) Time and Impact on Right Ventricular Load. <i>PLoS ONE</i> , 2016, 11, e0166463.	1.1	32
12	Risk assessment in scleroderma patients with newly diagnosed pulmonary arterial hypertension: application of the ESC/ERS risk prediction model. <i>European Respiratory Journal</i> , 2018, 52, 1800497.	3.1	32
13	Serum uric acid as a marker of disease risk, severity, and survival in systemic sclerosis-related pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2019, 9, 1-9.	0.8	32
14	Poor survival in patients with scleroderma and pulmonary hypertension due to heart failure with preserved ejection fraction. <i>Pulmonary Circulation</i> , 2017, 7, 409-420.	0.8	31
15	The Minimal Important Difference in Borg Dyspnea Score in Pulmonary Arterial Hypertension. <i>Annals of the American Thoracic Society</i> , 2016, 13, 842-849.	1.5	30
16	The impact of ambrisentan and tadalafil upfront combination therapy on cardiac function in scleroderma associated pulmonary arterial hypertension patients: cardiac magnetic resonance feature tracking study. <i>Pulmonary Circulation</i> , 2018, 8, 1-11.	0.8	30
17	Macrophage Migration Inhibitory Factor Governs Endothelial Cell Sensitivity to LPS-Induced Apoptosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 77-85.	1.4	29
18	Right Ventricular Angiogenesis is an Early Adaptive Response to Chronic Hypoxia-Induced Pulmonary Hypertension. <i>Microcirculation</i> , 2015, 22, 724-736.	1.0	28

#	ARTICLE	IF	CITATIONS
19	Pulmonary Endothelial Cell NOX. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 129-139.	1.4	25
20	Right Ventricular Remodeling in Idiopathic and Scleroderma-Associated Pulmonary Arterial Hypertension: Two Distinct Phenotypes. Pulmonary Circulation, 2015, 5, 327-334.	0.8	22
21	Noninvasive Prognostic Biomarkers for Left-Sided Heart Failure as Predictors of Survival in Pulmonary Arterial Hypertension. Chest, 2020, 157, 1606-1616.	0.4	20
22	Focused Review of Perioperative Care of Patients with Pulmonary Hypertension and Proposal of a Perioperative Pathway. Cureus, 2018, 10, e2072.	0.2	20
23	Functional Impact of Human Genetic Variants of <i>COL18A1</i> /Endostatin on Pulmonary Endothelium. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 524-534.	1.4	19
24	Basement Membrane Extracellular Matrix Proteins in Pulmonary Vascular and Right Ventricular Remodeling in Pulmonary Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 245-258.	1.4	18
25	Macrophage Migration Inhibitory Factor: A Novel Inhibitor of Apoptosis Signal-Regulating Kinase 1-38 Xanthine Oxidoreductase-Dependent Cigarette Smoke-Induced Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 504-514.	1.4	17
26	Estradiol resolves pneumonia via ER β in regulatory T cells. JCI Insight, 2021, 6, .	2.3	17
27	Validation of the REVEAL Prognostic Equation and Risk Score Calculator in Incident Systemic Sclerosis-Associated Pulmonary Arterial Hypertension. Arthritis and Rheumatology, 2019, 71, 1691-1700.	2.9	15
28	Insulin-like growth factor binding protein-2: a new circulating indicator of pulmonary arterial hypertension severity and survival. BMC Medicine, 2020, 18, 268.	2.3	15
29	Exercise right ventricular ejection fraction predicts right ventricular contractile reserve. Journal of Heart and Lung Transplantation, 2021, 40, 504-512.	0.3	15
30	Bidimensional Measurements of Right Ventricular Function for Prediction of Survival in Patients with Pulmonary Hypertension: Comparison of Reproducibility and Time of Analysis with Volumetric Cardiac Magnetic Resonance Imaging Analysis. Pulmonary Circulation, 2015, 5, 527-537.	0.8	13
31	Imatinib Is Protective Against Ischemia-Reperfusion Injury in an Ex Vivo Rabbit Model of Lung Injury. Annals of Thoracic Surgery, 2018, 105, 950-956.	0.7	11
32	XOR inhibition with febuxostat accelerates pulmonary endothelial barrier recovery and improves survival in lipopolysaccharide-induced murine sepsis. Physiological Reports, 2017, 5, e13377.	0.7	9
33	Elevated Interleukin-6 Levels Predict Clinical Worsening in Pediatric Pulmonary Arterial Hypertension. Journal of Pediatrics, 2020, 223, 164-169.e1.	0.9	9
34	Cyclin-Dependent Kinase Five Mediates Activation of Lung Xanthine Oxidoreductase in Response to Hypoxia. PLoS ONE, 2015, 10, e0124189.	1.1	8
35	Causes and outcomes of ICU hospitalisations in patients with pulmonary arterial hypertension. ERJ Open Research, 2022, 8, 00002-2022.	1.1	8
36	Evaluation of criteria for exercise-induced pulmonary hypertension in patients with resting pulmonary hypertension. European Respiratory Journal, 2017, 50, 1700784.	3.1	7

#	ARTICLE	IF	CITATIONS
37	SU5416 does not attenuate early RV angiogenesis in the murine chronic hypoxia PH model. <i>Respiratory Research</i> , 2019, 20, 123.	1.4	6
38	Pediatric pulmonary hypertension: insulin-like growth factor-binding protein 2 is a novel marker associated with disease severity and survival. <i>Pediatric Research</i> , 2020, 88, 850-856.	1.1	6
39	Kussmaul's Sign in Pulmonary Hypertension Corresponds With Severe Pulmonary Vascular Pathology Rather Than Right Ventricular Diastolic Dysfunction. <i>Circulation: Heart Failure</i> , 2021, 14, e007461.	1.6	6
40	A novel approach to perioperative risk assessment for patients with pulmonary hypertension. <i>ERJ Open Research</i> , 2021, 7, 00257-2021.	1.1	6
41	ST2 Is a Biomarker of Pediatric Pulmonary Arterial Hypertension Severity and Clinical Worsening. <i>Chest</i> , 2021, 160, 297-306.	0.4	6
42	The angiostatic peptide endostatin enhances mortality risk prediction in pulmonary arterial hypertension. <i>ERJ Open Research</i> , 2021, 7, 00378-2021.	1.1	5
43	Angiostatic Peptide, Endostatin, Predicts Severity in Pediatric Congenital Heart Disease-Associated Pulmonary Hypertension. <i>Journal of the American Heart Association</i> , 2021, 10, e021409.	1.6	5
44	Right ventricular function as assessed by cardiac magnetic resonance imaging-derived strain parameters compared to high-fidelity micromanometer catheter measurements. <i>Pulmonary Circulation</i> , 2021, 11, 1-10.	0.8	4
45	Abstract 21027: Prognostic Evaluation and Risk Assessment in Scleroderma Patients With Newly Diagnosed Pulmonary Arterial Hypertension. <i>Circulation</i> , 2017, 136, .	1.6	1
46	MK2 Phosphorylates Caspase 3 and Regulates Nuclear Translocation of Cleaved Caspase 3 during LPS mediated Apoptosis. <i>FASEB Journal</i> , 2015, 29, 661.8.	0.2	0
47	Abstract 14254: Right Ventricular Reverse Remodeling and Improved Systolic Function After Upfront Combination Therapy With Ambrisentan and Tadalafil in the Treatment of Scleroderma-Associated Pulmonary Arterial Hypertension. <i>Circulation</i> , 2015, 132, .	1.6	0
48	Estrogen Promotes Resolution of Pneumonia via CD4+Foxp3+ Tregs. <i>FASEB Journal</i> , 2019, 33, lb428.	0.2	0
49	Abstract 17885: Pulmonary Vascular Compliance Predicts Mortality in the Acute Respiratory Distress Syndrome. <i>Circulation</i> , 2015, 132, .	1.6	0