

Todd M Kolb

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,349
citations

361413
20
h-index

361022
35
g-index

55
all docs

55
docs citations

55
times ranked

1897
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	Ambrisentan and Tadalafil Up-front Combination Therapy in Scleroderma-associated Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1102-1110.	5.6	138
3	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.	0.6	123
4	Right Ventricular Myofilament Functional Differences in Humans With Systemic Sclerosis-Associated Versus Idiopathic Pulmonary Arterial Hypertension. <i>Circulation</i> , 2018, 137, 2360-2370.	1.6	102
5	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.	3.9	85
6	Health-related Quality of Life and Survival in Pulmonary Arterial Hypertension. <i>Annals of the American Thoracic Society</i> , 2016, 13, 31-39.	3.2	65
7	Right Ventricular Dysfunction in Chronic Lung Disease. <i>Cardiology Clinics</i> , 2012, 30, 243-256.	2.2	46
8	Pulmonary arterial hypertension and atrial arrhythmias: incidence, risk factors, and clinical impact. <i>Pulmonary Circulation</i> , 2018, 8, 1-8.	1.7	43
9	Mitogen-Activated Protein Kinase-Activated Protein Kinase 2 Mediates Apoptosis during Lung Vascular Permeability by Regulating Movement of Cleaved Caspase 3. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 932-941.	2.9	39
10	Right ventricular longitudinal strain is diminished in systemic sclerosis compared with idiopathic pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2017, 50, 1701436.	6.7	37
11	Disconnect between Fibrotic Response and Right Ventricular Dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1550-1560.	5.6	34
12	Heart Rate Dependence of the Pulmonary Resistance x Compliance (RC) Time and Impact on Right Ventricular Load. <i>PLoS ONE</i> , 2016, 11, e0166463.	2.5	32
13	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.	6.7	32
14	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.	1.7	32
15	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.	1.7	31
16	The Minimal Important Difference in Borg Dyspnea Score in Pulmonary Arterial Hypertension. <i>Annals of the American Thoracic Society</i> , 2016, 13, 842-849.	3.2	30
17	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.	1.7	30
18	Right Ventricular Angiogenesis is an Early Adaptive Response to Chronic Hypoxia-Induced Pulmonary Hypertension. <i>Microcirculation</i> , 2015, 22, 724-736.	1.8	28

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19	A nonapoptotic endothelial barrier-protective role for caspase-3. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L1118-L1126.	2.9	24
20	Right Ventricular Remodeling in Idiopathic and Scleroderma-Associated Pulmonary Arterial Hypertension: Two Distinct Phenotypes. Pulmonary Circulation, 2015, 5, 327-334.	1.7	22
21	Focused Review of Perioperative Care of Patients with Pulmonary Hypertension and Proposal of a Perioperative Pathway. Cureus, 2018, 10, e2072.	0.5	20
22	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.	2.9	17
23	Use of thermodilution cardiac output overestimates diagnoses of exercise-induced pulmonary hypertension. Pulmonary Circulation, 2017, 7, 253-255.	1.7	17
24	Challenges in Pulmonary Hypertension: Controversies in Treating the Tip of the Iceberg. A Joint National Institutes of Health Clinical Center and Pulmonary Hypertension Association Symposium Report. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 166-174.	5.6	17
25	Validation of the <scp>REVEAL</scp> Prognostic Equation and Risk Score Calculator in Incident Systemic Sclerosis-Associated Pulmonary Arterial Hypertension. Arthritis and Rheumatology, 2019, 71, 1691-1700.	5.6	15
26	Insulin-like growth factor binding protein-2: a new circulating indicator of pulmonary arterial hypertension severity and survival. BMC Medicine, 2020, 18, 268.	5.5	15
27	Exercise right ventricular ejection fraction predicts right ventricular contractile reserve. Journal of Heart and Lung Transplantation, 2021, 40, 504-512.	0.6	15
28	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.	1.7	13
29	Associations of Angiopoietins With Heart Failure Incidence and Severity. Journal of Cardiac Failure, 2021, 27, 786-795.	1.7	12
30	XOR inhibition with febuxostat accelerates pulmonary endothelial barrier recovery and improves survival in lipopolysaccharide-induced murine sepsis. Physiological Reports, 2017, 5, e13377.	1.7	9
31	Cyclin-Dependent Kinase Five Mediates Activation of Lung Xanthine Oxidoreductase in Response to Hypoxia. PLoS ONE, 2015, 10, e0124189.	2.5	8
32	Causes and outcomes of ICU hospitalisations in patients with pulmonary arterial hypertension. ERJ Open Research, 2022, 8, 00002-2022.	2.6	8
33	Evaluation of criteria for exercise-induced pulmonary hypertension in patients with resting pulmonary hypertension. European Respiratory Journal, 2017, 50, 1700784.	6.7	7
34	What-™s in a side effect? The association between pulmonary vasodilator adverse drug events and clinical outcomes in patients with pulmonary arterial hypertension. International Journal of Cardiology, 2017, 240, 386-391.	1.7	6
35	SU5416 does not attenuate early RV angiogenesis in the murine chronic hypoxia PH model. Respiratory Research, 2019, 20, 123.	3.6	6
36	Kussmaul-™s Sign in Pulmonary Hypertension Corresponds With Severe Pulmonary Vascular Pathology Rather Than Right Ventricular Diastolic Dysfunction. Circulation: Heart Failure, 2021, 14, e007461.	3.9	6

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37	A novel approach to perioperative risk assessment for patients with pulmonary hypertension. ERJ Open Research, 2021, 7, 00257-2021.	2.6	6
38	How We Would Treat Our Own Pulmonary Hypertension if We Needed to Undergo Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 1540-1548.	1.3	5
39	Right Atrial Pacing to Improve Acute Hemodynamics in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 508-511.	5.6	4
40	Right ventricular function as assessed by cardiac magnetic resonance imagingâ€derived strain parameters compared to highâ€fidelity micromanometer catheter measurements. Pulmonary Circulation, 2021, 11, 1-10.	1.7	4
41	Association of soluble Flt-1 with heart failure and cardiac morphology: The MESA angiogenesis study. Journal of Heart and Lung Transplantation, 2022, 41, 619-625.	0.6	4
42	Linking new and old concepts: inflammation meets the Warburg phenomenon in pulmonary arterial hypertension. Journal of Molecular Medicine, 2011, 89, 729-732.	3.9	3
43	A 32-Year-Old Woman With Dyspnea, Lung Cysts, and Previous Pneumothoraces. Chest, 2013, 144, 1964-1968.	0.8	2
44	Supply and Demand: Micro(vascular) Economics of the Right Ventricle in Pulmonary Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 410-411.	2.9	2
45	Anesthetic techniques for patients with pulmonary hypertension undergoing ophthalmologic procedures: A case series. Journal of Clinical Anesthesia, 2021, 71, 110220.	1.6	2
46	PDE9A deficiency does not prevent chronicâ€hypoxic pulmonary hypertension in mice. Physiological Reports, 2021, 9, e15057.	1.7	2
47	Left Atrial Ablation for the Management of Atrial Tachyarrhythmias in Patients with Pulmonary Hypertension: A Case Series. HeartRhythm Case Reports, 2022, 8, 275-279.	0.4	1
48	Abstract 21027: Prognostic Evaluation and Risk Assessment in Scleroderma Patients With Newly Diagnosed Pulmonary Arterial Hypertension. Circulation, 2017, 136, .	1.6	1
49	Reply: Can treprostinil-induced early gastrointestinal side effects serve as predictors of pulmonary arterial hypertension prognosis?. International Journal of Cardiology, 2018, 264, 188.	1.7	0
50	MK2 Phosphorylates Capase 3 and Regulates Nuclear Translocation of Cleaved Caspase 3 during LPS mediated Apoptosis. FASEB Journal, 2015, 29, 661.8.	0.5	0
51	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. Circulation, 2015, 132, .	1.6	0
52	Abstract 17885: Pulmonary Vascular Compliance Predicts Mortality in the Acute Respiratory Distress Syndrome. Circulation, 2015, 132, .	1.6	0