

Steven P Keller

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

140
citations

1307594

7
h-index

1281871

11
g-index

27
all docs

27
docs citations

27
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of anatomical variation on extracorporeal membrane oxygenation circulatory support: A computational study. <i>Computers in Biology and Medicine</i> , 2022, 141, 105178.	7.0	3
2	A Scalable Approach to Determine Intracardiac Pressure From Mechanical Circulatory Support Device Signals. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 905-913.	4.2	2
3	Better together: Alveolar macrophage and memory T cell cosignaling in ex vivo human lungs. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	0
4	Simulation of Fluid-Structure Interaction in Extracorporeal Membrane Oxygenation Circulatory Support Systems. <i>Journal of Cardiovascular Translational Research</i> , 2021, , 1.	2.4	8
5	A Computational Fluid Dynamics Study of the Extracorporeal Membrane Oxygenation-Failing Heart Circulation. <i>ASAIO Journal</i> , 2021, 67, 276-283.	1.6	19
6	Hysteretic device characteristics indicate cardiac contractile state for guiding mechanical circulatory support device use. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 62.	1.9	2
7	Improvements in Sepsis-associated Mortality in Hospitalized Patients with Cancer versus Those without Cancer. A 12-Year Analysis Using Clinical Data. <i>Annals of the American Thoracic Society</i> , 2020, 17, 466-473.	3.2	22
8	Dynamic Modulation of Device-Arterial Coupling to Determine Cardiac Output and Vascular Resistance. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2333-2342.	2.5	3
9	Left ventricle unloading strategies in ECMO: A single-center experience. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1514-1524.	0.7	7
10	The author replies. <i>Critical Care Medicine</i> , 2020, 48, e332-e333.	0.9	0
11	Dual Carbon Dioxide Capture to Achieve Highly Efficient Ultra-Low Blood Flow Extracorporeal Carbon Dioxide Removal. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1562-1572.	2.5	1
12	Extracorporeal Membrane Oxygenation Resource Planning in the Setting of Pandemic Respiratory Illness. <i>Annals of the American Thoracic Society</i> , 2020, 17, 800-803.	3.2	13
13	Predicting donor heart function in a heartbeat. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0
14	Platelets worsen tuberculosis disease progression: Specific mechanism TBD. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	1
15	Living swine to maintain donor organs. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0
16	Building a better way to mend a broken heart. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0
17	Little things make big things happen. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0
18	Management of a young patient with dextrocardia, atrial septal defect, and Eisenmenger syndrome with venous-venous extracorporeal membrane oxygenation and heart-lung transplantation. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1114-1116.	0.7	3

#	ARTICLE	IF	CITATIONS
19	When is the right time to discuss ECMO?. Lancet Respiratory Medicine,the, 2019, 7, 939-940.	10.7	0
20	Leveraging Device-Arterial Coupling to Determine Cardiac and Vascular State. IEEE Transactions on Biomedical Engineering, 2019, 66, 2800-2808.	4.2	6
21	Management of Peripheral Venoarterial Extracorporeal Membrane Oxygenation in Cardiogenic Shock. Critical Care Medicine, 2019, 47, 1235-1242.	0.9	20
22	Mechanical circulatory support device-heart hysteretic interaction can predict left ventricular end diastolic pressure. Science Translational Medicine, 2018, 10, .	12.4	12
23	De-escalation of support with veno-arterial extracorporeal membrane oxygenation and Impella for cardiogenic shock. European Journal of Heart Failure, 2018, 20, 621-622.	7.1	0
24	Posttransplant Lymphoproliferative Disorders in Epstein-Barr Virus Donor Positive/Recipient Negative Lung Transplant Recipients. Annals of Thoracic Surgery, 2018, 105, 441-447.	1.3	12
25	Noninvasive detection of fibrillation potentials in skeletal muscle. IEEE Transactions on Biomedical Engineering, 2002, 49, 788-795.	4.2	6