

# Steven P Keller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4249197/publications.pdf>

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	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
2	Management of Peripheral Venoarterial Extracorporeal Membrane Oxygenation in Cardiogenic Shock. <i>Critical Care Medicine</i> , 2019, 47, 1235-1242.	0.9	20
3	A Computational Fluid Dynamics Study of the Extracorporeal Membrane Oxygenation-Failing Heart Circulation. <i>ASAIO Journal</i> , 2021, 67, 276-283.	1.6	19
4	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
5	Mechanical circulatory support device-heart hysteretic interaction can predict left ventricular end diastolic pressure. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	12
6	Posttransplant Lymphoproliferative Disorders in Epstein-Barr Virus Donor Positive/Recipient Negative Lung Transplant Recipients. <i>Annals of Thoracic Surgery</i> , 2018, 105, 441-447.	1.3	12
7	Simulation of Fluid-Structure Interaction in Extracorporeal Membrane Oxygenation Circulatory Support Systems. <i>Journal of Cardiovascular Translational Research</i> , 2021, , 1.	2.4	8
8	Left ventricle unloading strategies in ECMO: A single-center experience. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1514-1524.	0.7	7
9	Noninvasive detection of fibrillation potentials in skeletal muscle. <i>IEEE Transactions on Biomedical Engineering</i> , 2002, 49, 788-795.	4.2	6
10	Leveraging Device-Arterial Coupling to Determine Cardiac and Vascular State. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2800-2808.	4.2	6
11	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
12	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
13	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
14	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
15	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
16	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
17	Platelets worsen tuberculosis disease progression: Specific mechanism TBD. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	1
18	De-escalation of support with veno-arterial extracorporeal membrane oxygenation and Impella for cardiogenic shock. <i>European Journal of Heart Failure</i> , 2018, 20, 621-622.	7.1	0

#	ARTICLE	IF	CITATIONS
19	When is the right time to discuss ECMO?. Lancet Respiratory Medicine,the, 2019, 7, 939-940.	10.7	0
20	The author replies. Critical Care Medicine, 2020, 48, e332-e333.	0.9	0
21	Better together: Alveolar macrophage and memory T cell cosignaling in ex vivo human lungs. Science Translational Medicine, 2021, 13, .	12.4	0
22	Predicting donor heart function in a heartbeat. Science Translational Medicine, 2020, 12, .	12.4	0
23	Living swine to maintain donor organs. Science Translational Medicine, 2020, 12, .	12.4	0
24	Building a better way to mend a broken heart. Science Translational Medicine, 2020, 12, .	12.4	0
25	Little things make big things happen. Science Translational Medicine, 2020, 12, .	12.4	0