

Krzysztof Zieliński

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3379827/publications.pdf>

Version: 2024-02-01

20
papers

165
citations

1307366

7
h-index

1199470

12
g-index

25
all docs

25
docs citations

25
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of Inhalation Profiles Through Dry Powder Inhaler in Healthy Adults and Asthma Patients As a Prerequisite for Further <i>In Vitro</i> and <i>In Silico</i> Studies. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2022, 35, 91-103.	0.7	1
2	Hemodynamic characterization of the Realheart® total artificial heart with a hybrid cardiovascular simulator. <i>Artificial Organs</i> , 2022, 46, 1585-1596.	1.0	7
3	Virtual and Artificial Cardiorespiratory Patients in Medicine and Biomedical Engineering. <i>Membranes</i> , 2022, 12, 548.	1.4	2
4	Development of a computational simulator of the extracorporeal membrane oxygenation and its validation with in vitro measurements. <i>Artificial Organs</i> , 2021, 45, 399-410.	1.0	6
5	A Compliant Model of the Ventricular Apex to Study Suction in Ventricular Assist Devices. <i>ASAIO Journal</i> , 2021, 67, 1125-1133.	0.9	4
6	Inhalation Profiles Through a Dry Powder Inhaler: Relation Between Inhalation Technique and Spirometric Measures. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2021, 34, 346-357.	0.7	3
7	Assessment of the VAD "Native ventricle pumping system by an equivalent pump: A computational model based procedure. <i>Biocybernetics and Biomedical Engineering</i> , 2021, 41, 1365-1365.	3.3	0
8	Independent Lung Ventilation-Experimental Studies on a 3D Printed Respiratory Tract Model. <i>Materials</i> , 2021, 14, 5189.	1.3	3
9	Hemodynamic Modelling and Simulations for Mechanical Circulatory Support. , 2020, , 429-447.		5
10	Is the New Infant Jarvik 2015 Suitable for Patients <8 kg? In Vitro Study Using a Hybrid Simulator. <i>Artificial Organs</i> , 2019, 43, E1-E8.	1.0	10
11	Patterns of pleural pressure amplitude and respiratory rate changes during therapeutic thoracentesis. <i>BMC Pulmonary Medicine</i> , 2018, 18, 36.	0.8	9
12	The use of a virtual patient to follow changes in arterial blood gases associated with therapeutic thoracentesis. <i>International Journal of Artificial Organs</i> , 2018, 41, 690-697.	0.7	6
13	Pleural pressure pulse - a new phenomenon registered during pleural manometry. , 2018, , .		0
14	Control of a Pediatric Pulsatile Ventricular Assist Device: A Hybrid Cardiovascular Model Study. <i>Artificial Organs</i> , 2017, 41, 1099-1108.	1.0	14
15	A new infant hybrid respiratory simulator: preliminary evaluation based on clinical data. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 1937-1948.	1.6	5
16	The Need for Hybrid Modeling in Analysis of Cardiovascular and Respiratory Support. <i>International Journal of Artificial Organs</i> , 2016, 39, 265-271.	0.7	8
17	Reproduction of Continuous Flow Left Ventricular Assist Device Experimental Data by Means of a Hybrid Cardiovascular Model With Baroreflex Control. <i>Artificial Organs</i> , 2014, 38, 456-468.	1.0	30
18	Modeling and simulation of speed selection on left ventricular assist devices. <i>Computers in Biology and Medicine</i> , 2014, 51, 128-139.	3.9	13

#	ARTICLE	IF	CITATIONS
19	Continuous-flow pump model study: the effect on pump performance of pump characteristics and cardiovascular conditions. Journal of Artificial Organs, 2013, 16, 149-156.	0.4	5
20	A modular computational circulatory model applicable to VAD testing and training. Journal of Artificial Organs, 2012, 15, 32-43.	0.4	29