

# Mathias Forjan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7558255/publications.pdf>

Version: 2024-02-01

30  
papers

92  
citations

1684188

5  
h-index

1588992

8  
g-index

33  
all docs

33  
docs citations

33  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applicability of IHE/Continua components for PHR systems: Learning from experiences. Computers in Biology and Medicine, 2015, 59, 186-193.	7.0	22
2	Electro-mechanical Lung Simulator Using Polymer and Organic Human Lung Equivalents for Realistic Breathing Simulation. Scientific Reports, 2019, 9, 19778.	3.3	10
3	Evaluating wearable multimodal sensor insoles for motion-pattern measurements in stroke rehabilitation " A pilot study. , 2017, 2017, 1543-1548.		8
4	Development of an Android App in Compliance with the Continua Health Alliance Design Guidelines for Medical Device Connectivity in mHealth. Biomedizinische Technik, 2012, 57, .	0.8	7
5	Comparison of Mathematical and Controlled Mechanical Lung Simulation in Active Breathing and Ventilated State. IFAC-PapersOnLine, 2018, 51, 42-47.	0.9	7
6	Experimental Evaluation of Dry Powder Inhalers during Inhalation and Exhalation Using a Model of the Human Respiratory System (xPULMâ,ç). Pharmaceutics, 2022, 14, 500.	4.5	5
7	Modellbildung und Simulation. Biomedizinische Technik, 2010, 55, 1-237.	0.8	4
8	Semi-automatic evaluation of intraocular lenses (IOL) using a mechanical eye model. , 2013, , .		4
9	Actively Breathing Mechanical Lung Simulator Development and Preliminary Measurements. IFMBE Proceedings, 2018, , 751-754.	0.3	4
10	Sensor System Development for the Novel Spontaneous Active Breathing Lung Simulator, i-Lung. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 113-118.	0.4	2
11	Mechanical and Electrical Specifications of the Active Lung Simulator i-Lung " Development of i-Lung 1.0 to i-Lung 2.0. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 13-23.	0.4	2
12	Development of a Multi-Purpose Easy-to-Use Set of Tools for Home Based Rehabilitation. , 2018, , .		2
13	Patient"Ventilator Interaction Testing Using the Electromechanical Lung Simulator xPULMâ,ç during V/A-C and PSV Ventilation Mode. Applied Sciences (Switzerland), 2021, 11, 3745.	2.5	2
14	The adolescence of electronic health records: Status and perspectives for large scale implementation. Acta Informatica Pragensia, 2013, 2, 30-38.	0.9	2
15	Overview of the "i-Lung" as Developing Active Lung Simulator Including Respiration Aerosol Measurement. , 2011, , .		2
16	Development of a Multidisciplinary and Telemedicine Focused System Database. Studies in Health Technology and Informatics, 2017, 236, 144-151.	0.3	2
17	Enhancements of a mechanical lung simulator for ex vivo measuring of aerosol deposition in lungs. Biomedizinische Technik, 2012, 57, .	0.8	1
18	Organ Telemonitoring in Ex-vivo Nutrition Circulation of Porcine Lungs Using Interoperability Standards. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 34-39.	0.4	1

#	ARTICLE	IF	CITATIONS
19	A single point of contact data platform for rehabilitative exercises and equipment. , 2018, , .		1
20	Changes of particle deposition caused by different breathing patterns during active lung simulation. , 2019, 2019, 4969-4972.		1
21	Bedside patient data viewer using RFID and e-Ink technology. Studies in Health Technology and Informatics, 2014, 198, 1-8.	0.3	1
22	Education for eHealth--a status analysis. Studies in Health Technology and Informatics, 2014, 198, 172-9.	0.3	1
23	Feasibility Check of OPTO-Electronic Volumetric Measurements Utilizing the i-Lung Model. Biomedizinische Technik, 2013, 58 Suppl 1, .	0.8	0
24	Setting up a Virtual Test Environment for User Group Specific Practical Exercises in eHealth eLearning Courses. Lecture Notes in Computer Science, 2016, , 41-47.	1.3	0
25	Integration of Health and Public Transport Data to Enable Decision Support for Seniors to Reduce Risk of Infection with Communicable Diseases. , 2020, , .		0
26	Characteristic Waveforms for Testing of Medical Aerosol Inhalers. IFMBE Proceedings, 2021, , 240-246.	0.3	0
27	LUMOR: an app for standardized control and monitoring of a porcine lung and its nutrient cycle. Studies in Health Technology and Informatics, 2014, 198, 79-86.	0.3	0
28	Certification programs for eHealth--status quo. Studies in Health Technology and Informatics, 2014, 198, 164-71.	0.3	0
29	Development of Knowledge Profiles for International eHealth eLearning Courses. Studies in Health Technology and Informatics, 2015, 210, 556-60.	0.3	0
30	Development of a virtual lab for practical eLearning in eHealth. Studies in Health Technology and Informatics, 2015, 212, 103-10.	0.3	0