

# Stefan Sauermann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7575888/publications.pdf>

Version: 2024-02-01

31  
papers

192  
citations

1040056

9  
h-index

1125743

13  
g-index

32  
all docs

32  
docs citations

32  
times ranked

225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Basic design and construction of the Vienna FES implants: existing solutions and prospects for new generations of implants. <i>Medical Engineering and Physics</i> , 2001, 23, 53-60.	1.7	54
2	Applicability of IHE/Continua components for PHR systems: Learning from experiences. <i>Computers in Biology and Medicine</i> , 2015, 59, 186-193.	7.0	22
3	MYOSTIM-FES to Prevent Muscle Atrophy in Microgravity and Bed Rest: Preliminary Report. <i>Artificial Organs</i> , 1999, 23, 428-431.	1.9	20
4	The Vienna Functional Electrical Stimulation System for Restoration of Walking Functions in Spastic Paraplegia. <i>Artificial Organs</i> , 2002, 26, 224-227.	1.9	12
5	Recommendations on the utilization of telemedicine in cardiology. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 782-800.	1.9	11
6	Kinematic evaluation in Parkinson's disease using a hand-held position transducer and computerized signal analysis. <i>Acta Neurochirurgica</i> , 2005, 147, 939-945.	1.7	10
7	Electro-mechanical Lung Simulator Using Polymer and Organic Human Lung Equivalents for Realistic Breathing Simulation. <i>Scientific Reports</i> , 2019, 9, 19778.	3.3	10
8	Multifunctional Implantable Nerve Stimulator for Cardiac Assistance by Skeletal Muscle. <i>Artificial Organs</i> , 1999, 23, 352-359.	1.9	9
9	Personal Computer Supported Eight Channel Surface Stimulator for Paraplegic Walking: First Results. <i>Artificial Organs</i> , 1999, 23, 424-427.	1.9	9
10	Wearable Activity Trackers Supporting Elderly Living Independently. , 2018, , .		8
11	Battery-Powered Implantable Nerve Stimulator for Chronic Activation of Two Skeletal Muscles Using Multichannel Techniques. <i>Artificial Organs</i> , 1999, 23, 399-402.	1.9	6
12	Smart grid interoperability profiles development. , 2017, , .		5
13	Long-Term Electromyogram Recording from the Posterior Cricoarytenoid Muscle as a Potential Biological Trigger for Phrenic Pacing: Results of an Animal Study. <i>Artificial Organs</i> , 1999, 23, 860-868.	1.9	3
14	Irregularity of the ventricular rhythm during atrial fibrillation: Effect of slow atrioventricular nodal pathway ablation. <i>Clinical Cardiology</i> , 1999, 22, 665-672.	1.8	3
15	Development of a Multidisciplinary and Telemedicine Focused System Database. <i>Studies in Health Technology and Informatics</i> , 2017, 236, 144-151.	0.3	2
16	Preparation of a Skeletal Muscle Ventricle in Sheep: Severe Damage to the Latissimus dorsi Muscle due to Mobilization before Preconditioning. <i>European Surgical Research</i> , 2000, 32, 129-134.	1.3	1
17	Objective assessment of the fusion frequency in functional electrical stimulation using the fast Fourier transform / Objektive Bestimmung der Fusionsfrequenz in der funktionellen Elektrostimulation mittels Fast Fourier Transformation. <i>Biomedizinische Technik</i> , 2007, 52, 267-273.	0.8	1
18	Organ Telemonitoring in Ex-vivo Nutrition Circulation of Porcine Lungs Using Interoperability Standards. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 34-39.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Bedside patient data viewer using RFID and e-Ink technology. Studies in Health Technology and Informatics, 2014, 198, 1-8.	0.3	1
20	Education for eHealth--a status analysis. Studies in Health Technology and Informatics, 2014, 198, 172-9.	0.3	1
21	Propose of Standards Based IT Architecture to Enrich the Value of Allergy Data by Telemonitoring Data. Studies in Health Technology and Informatics, 2017, 236, 136-143.	0.3	1
22	Biosignals, Standards and FHIR - The Way to Go?. Studies in Health Technology and Informatics, 2017, 236, 356-362.	0.3	1
23	Transcutane Energie-bertragung und bidirektionelle Daten-bertragung. Biomedizinische Technik, 1992, 37, 272-274.	0.8	0
24	Telemonitoring of Blood Glucose. , 2018, , .		0
25	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
26	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
27	Certification programs for eHealth--status quo. Studies in Health Technology and Informatics, 2014, 198, 164-71.	0.3	0
28	Development of Knowledge Profiles for International eHealth eLearning Courses. Studies in Health Technology and Informatics, 2015, 210, 556-60.	0.3	0
29	Development of a virtual lab for practical eLearning in eHealth. Studies in Health Technology and Informatics, 2015, 212, 103-10.	0.3	0
30	Bluetooth Low Energy Peripheral Android Health App for Educational and Interoperability Testing Purposes. Studies in Health Technology and Informatics, 2017, 236, 336-342.	0.3	0
31	Evaluation of Standards for Access Control Enabling PHR-S Federation. Studies in Health Technology and Informatics, 2017, 238, 124-127.	0.3	0