

# Jens Eckstein

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25 papers	528 citations	9 h-index	22 g-index
28 ext. papers	744 ext. citations	5.4 avg, IF	3.78 L-index

#	Paper	IF	Citations
25	A Novel Diagnostic Decision Support System for Medical Professionals: Prospective Feasibility Study.. <i>JMIR Formative Research</i> , <b>2022</b> , 6, e29943	2.5	2
24	How should we measure blood pressure? Implications of the fourth blood pressure measurement in office blood pressure. <i>Journal of Clinical Hypertension</i> , <b>2021</b> , 23, 35-43	2.3	2
23	Body composition analysis in patients with acute heart failure: the Scale Heart Failure trial. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 4593	3.7	2
22	The photoplethysmography dictionary: practical guidance on signal interpretation and clinical scenarios from TeleCheck-AF. <i>European Heart Journal Digital Health</i> , <b>2021</b> , 2, 363-373	2.3	4
21	Comparison and Combination of Single-Lead ECG and Photoplethysmography Algorithms for Wearable-Based Atrial Fibrillation Screening. <i>Telemedicine Journal and E-Health</i> , <b>2021</b> , 27, 296-302	5.9	2
20	iPhone App compared with standard blood pressure measurement -The iPARR trial. <i>American Heart Journal</i> , <b>2021</b> , 233, 102-108	4.9	7
19	The Detection of Vancomycin in Sweat: A Next-Generation Digital Surrogate Marker for Antibiotic Tissue Penetration: A Pilot Study. <i>Digital Biomarkers</i> , <b>2021</b> , 5, 24-28	7.1	2
18	Next-Generation Digital Biomarkers for Tuberculosis and Antibiotic Stewardship: Perspective on Novel Molecular Digital Biomarkers in Sweat, Saliva, and Exhaled Breath. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e25907	7.6	3
17	Mobile health solutions for atrial fibrillation detection and management: a systematic review. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 1	6.1	4
16	Frequency and Predictors of Major Bleeding in Patients With Embolic Strokes of Undetermined Source: NAVIGATE-ESUS Trial. <i>Stroke</i> , <b>2020</b> , 51, 2139-2147	6.7	2
15	Non-invasive Drug Monitoring of Lactam Antibiotics Using Sweat Analysis-A Pilot Study. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 476	4.9	6
14	Device- and Analytics-Agnostic Infrastructure for Continuous Inpatient Monitoring: A Technical Note. <i>Digital Biomarkers</i> , <b>2020</b> , 4, 62-68	7.1	3
13	Integrative hospital treatment in older patients to benchmark and improve outcome and length of stay - the In-HospiTOOL study. <i>BMC Health Services Research</i> , <b>2019</b> , 19, 237	2.9	8
12	Recurrent Stroke With Rivaroxaban Compared With Aspirin According to Predictors of Atrial Fibrillation: Secondary Analysis of the NAVIGATE ESUS Randomized Clinical Trial. <i>JAMA Neurology</i> , <b>2019</b> , 76, 764-773	17.2	79
11	Impact of single-visit American versus European office blood pressure measurement procedure on individual blood pressure classification: a cross-sectional study. <i>Clinical Research in Cardiology</i> , <b>2019</b> , 108, 990-999	6.1	6
10	Detection of atrial fibrillation with a smartphone camera: first prospective, international, two-centre, clinical validation study (DETECT AF PRO). <i>Europace</i> , <b>2019</b> , 21, 41-47	3.9	72
9	Sweat as a Source of Next-Generation Digital Biomarkers. <i>Digital Biomarkers</i> , <b>2019</b> , 3, 155-165	7.1	24

8	Impact of Single-Occasion American vs. Canadian Office Blood Pressure Measurement Recommendations on Blood Pressure Classification. <i>American Journal of Hypertension</i> , <b>2019</b> , 32, 143-145 <sup>2,3</sup>	4
7	The WATCH AF Trial: SmartWATCHes for Detection of Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , <b>2019</b> , 5, 199-208	4.6 87
6	Reliability of single office blood pressure measurements. <i>Heart</i> , <b>2018</b> , 104, 1173-1179	5.1 29
5	Validation of a New Heart Rate Measurement Algorithm for Fingertip Recording of Video Signals with Smartphones. <i>Telemedicine Journal and E-Health</i> , <b>2016</b> , 22, 631-6	5.9 39
4	Atrial fibrillation: a moving target. <i>Swiss Medical Weekly</i> , <b>2014</b> , 144, w14078	3.1 1
3	Direct comparison of mid-regional pro-atrial natriuretic peptide with N-terminal pro B-type natriuretic peptide in the diagnosis of patients with atrial fibrillation and dyspnoea. <i>Heart</i> , <b>2012</b> , 98, 1518-22	5.1 15
2	Necessity for surgical revision of defibrillator leads implanted long-term: causes and management. <i>Circulation</i> , <b>2008</b> , 117, 2727-33	16.7 114
1	Extensive calcifications induced by hyperphosphataemia caused by phosphate-based enema in a patient after kidney transplantation. <i>Nephrology Dialysis Transplantation</i> , <b>2006</b> , 21, 2013-6	4.3 10