

# Michael Imhoff

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

998  
citations

623734

14  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

840  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alarm Algorithms in Critical Care Monitoring. <i>Anesthesia and Analgesia</i> , 2006, 102, 1525-1537.	2.2	219
2	Intensive care unit alarmsâ€”How many do we need?*. <i>Critical Care Medicine</i> , 2010, 38, 451-456.	0.9	189
3	Medical device alarms. <i>Biomedizinische Technik</i> , 2011, 56, 73-83.	0.8	92
4	Smart alarms from medical devices in the OR and ICU. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2009, 23, 39-50.	4.0	68
5	Collection of annotated data in a clinical validation study for alarm algorithms in intensive careâ€”a methodologic framework. <i>Journal of Critical Care</i> , 2010, 25, 128-135.	2.2	67
6	Noninvasive whole-body electrical bioimpedance cardiac output and invasive thermodilution cardiac output in high-risk surgical patients. <i>Critical Care Medicine</i> , 2000, 28, 2812-2818.	0.9	50
7	Graphical models for multivariate time series from intensive care monitoring. <i>Statistics in Medicine</i> , 2002, 21, 2685-2701.	1.6	48
8	Health informatics. <i>Intensive Care Medicine</i> , 2001, 27, 179-186.	8.2	43
9	Metrology in Medicine. <i>Anesthesia and Analgesia</i> , 2015, 120, 66-75.	2.2	34
10	Clinical Informatics in Critical Care. <i>Journal of Intensive Care Medicine</i> , 2004, 19, 154-163.	2.8	32
11	Temperature measurement. <i>Biomedizinische Technik</i> , 2011, 56, 241-257.	0.8	29
12	Acquisition of ICU data: concepts and demands. <i>Journal of Clinical Monitoring and Computing</i> , 1992, 9, 229-237.	0.3	24
13	Rotational bed therapy to prevent and treat respiratory complications: a review and meta-analysis. <i>American Journal of Critical Care</i> , 2007, 16, 50-61; quiz 62.	1.6	20
14	The Crying Wolf: Still Crying?. <i>Anesthesia and Analgesia</i> , 2009, 108, 1382-1383.	2.2	15
15	The Spaghetti Syndrome Revisited. <i>Anesthesia and Analgesia</i> , 2004, 98, 566-568.	2.2	11
16	Computerized two-lead resting ECG analysis for the detection of coronary artery stenosis. <i>International Journal of Medical Sciences</i> , 2007, 4, 249-263.	2.5	11
17	Computerized two-lead resting ECG analysis for the detection of coronary artery stenosis after coronary revascularization. <i>International Journal of Medical Sciences</i> , 2008, 5, 50-61.	2.5	9
18	Alea lacta Est. <i>Anesthesia and Analgesia</i> , 2013, 117, 295-296.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Comparison of a Two-Lead, Computerized, Resting ECG Signal Analysis Device, the MultiFunction-CardioGramsm or MCG (a.k.a. 3DMP), to Quantitative Coronary Angiography for the Detection of Relevant Coronary Artery Stenosis (>70%) - A Meta-Analysis of all Published Trials Performed and Analyzed in the US. International Journal of Medical Sciences, 2009, 6, 143-155.	2.5	6
20	Computerized 2-lead Resting ECG Analysis for the Detection of Relevant Coronary Artery Stenosis in Comparison With Angiographic Findings. Congestive Heart Failure, 2008, 14, 251-260.	2.0	5
21	Everybody on the Phone?. Anesthesia and Analgesia, 2006, 102, 533-534.	2.2	4
22	Detecting relationships between physiological variables using graphical models. Proceedings, 2002, , 340-4.	0.6	4
23	CLINICAL RELEVANCE OF ALARMS FROM BEDSIDE PATIENT MONITORS.. Critical Care Medicine, 2006, 34, A62.	0.9	3
24	Dimension reduction for physiological variables using graphical modeling. AMIA ... Annual Symposium proceedings, 2003, , 313-7.	0.2	2
25	Online Analysis of Medical Time Series. Annual Review of Statistics and Its Application, 2017, 4, 169-188.	7.0	1
26	It All Depends on Your References: Electrophysiology Compared to Angiography. Annals of Noninvasive Electrocardiology, 2015, 20, 506-507.	1.1	0
27	Extraction of a local linear trend from physiological time series. AMIA ... Annual Symposium proceedings, 2003, , 845.	0.2	0