Martin Kasparick

List of Publications by Year
in descending order

21 papers	198 citations	1937685 4 h-index	1872680 6 g-index
21 all docs	21 docs citations	21 times ranked	168 citing authors

#	Article	IF	Citations
1	OR.NET: a service-oriented architecture for safe and dynamic medical device interoperability. Biomedizinische Technik, 2018, 63, 11-30.	0.8	49
2	New IEEE 11073 standards for interoperable, networked point-of-care Medical Devices. , 2015, 2015, 1721-4.		31
3	Medical DPWS: New IEEE 11073 standard for safe and interoperable medical device communication. , 2015, , .		20
4	Connecting the clinical IT infrastructure to a service-oriented architecture of medical devices. Biomedizinische Technik, 2018, 63, 57-68.	0.8	18
5	Extending BPMN 2.0 for intraoperative workflow modeling with IEEE 11073 SDC for description and orchestration of interoperable, networked medical devices. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1403-1413.	2.8	14
6	Enabling artificial intelligence in high acuity medical environments. Minimally Invasive Therapy and Allied Technologies, 2019, 28, 120-126.	1.2	12
7	Where are My Colleagues and Why? Tracking Multiple Persons in Indoor Environments. , 2014, , .		8
8	Challenges and Research Directions for Blockchains in the Internet of Things. , 2019, , .		7
9	Mechanism for safe remote activation of networked surgical and PoC devices using dynamic assignable controls. , 2016, 2016, 2390-2394.		6
10	Point-of-care medical devices and systems interoperability: A mapping of ICE and FHIR. , 2016, , .		6
11	Measuring latencies of IEEE 11073 compliant service-oriented medical device stacks. , 2017, , .		6
12	Dynamic remote control through service orchestration of point-of-care and surgical devices based on IEEE 11073 SDC. , 2016, , .		5
13	Extending the IEEE 11073-1010X nomenclature for the modelling of surgical devices. , 2016, , .		5
14	Software design and implementation concepts for an interoperable medical communication framework. Biomedizinische Technik, 2018, 63, 49-56.	0.8	4
15	OR.NET RT: how service-oriented medical device architecture meets real-time communication. Biomedizinische Technik, 2018, 63, 81-93.	0.8	4
16	Towards a TDMA-based real-time extension for the constrained application protocol. , 2016, , .		1
17	A safe and interoperable distributed alarm notification system for PoC medical devices using IEEE 11073 SDC. , 2017, , .		1
18	Service-Oriented Medical Device Connectivity: Particular Interoperability Standards for High Frequency Surgical Equipment and External Control Devices. Current Directions in Biomedical Engineering, 2021, 7, 523-526.	0.4	1

#	Article	IF	Citations
19	Self-X Evaluation Model for Wireless Mesh Networks. , 2011, , .		0
20	Implementing, Connecting, and Evaluating a Standard-Based Integrated Operating Room within a German University Hospital. ACI Open, 2018, 02, e10-e20.	0.5	0
21	A Method for the Context-Aware Assignment of Medical Device Functions to Input Devices in Integrated Operating Rooms. Lecture Notes in Computer Science, 2018, , 12-19.	1.3	0