

Martin Kasparick

List of Publications by Year in descending order

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Version: 2024-02-01

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	Service-Oriented Medical Device Connectivity: Particular Interoperability Standards for High Frequency Surgical Equipment and External Control Devices. <i>Current Directions in Biomedical Engineering</i> , 2021, 7, 523-526.	0.4	1
2	Challenges and Research Directions for Blockchains in the Internet of Things. , 2019, , .		7
3	Extending BPMN 2.0 for intraoperative workflow modeling with IEEE 11073 SDC for description and orchestration of interoperable, networked medical devices. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 1403-1413.	2.8	14
4	Enabling artificial intelligence in high acuity medical environments. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2019, 28, 120-126.	1.2	12
5	OR.NET: a service-oriented architecture for safe and dynamic medical device interoperability. <i>Biomedizinische Technik</i> , 2018, 63, 11-30.	0.8	49
6	Connecting the clinical IT infrastructure to a service-oriented architecture of medical devices. <i>Biomedizinische Technik</i> , 2018, 63, 57-68.	0.8	18
7	Software design and implementation concepts for an interoperable medical communication framework. <i>Biomedizinische Technik</i> , 2018, 63, 49-56.	0.8	4
8	OR.NET RT: how service-oriented medical device architecture meets real-time communication. <i>Biomedizinische Technik</i> , 2018, 63, 81-93.	0.8	4
9	Implementing, Connecting, and Evaluating a Standard-Based Integrated Operating Room within a German University Hospital. <i>ACI Open</i> , 2018, 02, e10-e20.	0.5	0
10	A Method for the Context-Aware Assignment of Medical Device Functions to Input Devices in Integrated Operating Rooms. <i>Lecture Notes in Computer Science</i> , 2018, , 12-19.	1.3	0
11	A safe and interoperable distributed alarm notification system for PoC medical devices using IEEE 11073 SDC. , 2017, , .		1
12	Measuring latencies of IEEE 11073 compliant service-oriented medical device stacks. , 2017, , .		6
13	Mechanism for safe remote activation of networked surgical and PoC devices using dynamic assignable controls. , 2016, 2016, 2390-2394.		6
14	Point-of-care medical devices and systems interoperability: A mapping of ICE and FHIR. , 2016, , .		6
15	Dynamic remote control through service orchestration of point-of-care and surgical devices based on IEEE 11073 SDC. , 2016, , .		5
16	Towards a TDMA-based real-time extension for the constrained application protocol. , 2016, , .		1
17	Extending the IEEE 11073-1010X nomenclature for the modelling of surgical devices. , 2016, , .		5
18	Medical DPWS: New IEEE 11073 standard for safe and interoperable medical device communication. , 2015, , .		20

#	ARTICLE	IF	CITATIONS
19	New IEEE 11073 standards for interoperable, networked point-of-care Medical Devices. , 2015, 2015, 1721-4.		31
20	Where are My Colleagues and Why? Tracking Multiple Persons in Indoor Environments. , 2014, , .		8
21	Self-X Evaluation Model for Wireless Mesh Networks. , 2011, , .		0