Juliane Neumann

List of Publications by Year
in descending order

13	113	1684188	1474206
papers	citations	5	9
		h-index	g-index

19	19	19	157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measuring and evaluating standardization of scrub nurse instrument table setups: a multi-center study. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 479-485.	2.8	0
2	An interactive system for muscle and fat tissue identification of the lumbar spine using semantic segmentation. Current Directions in Biomedical Engineering, 2021, 7, 391-394.	0.4	0
3	Language-based translation and prediction of surgical navigation steps for endoscopic wayfinding assistance in minimally invasive surgery. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 2089-2100.	2.8	8
4	Increasing efficiency by optimizing table position for elective primary THA and TKA: a prospective monocentric pilot study. Arthroplasty, 2020, 2, 29.	2.2	2
5	Surgical workflow simulation for the design and assessment of operating room setups in orthopedic surgery. BMC Medical Informatics and Decision Making, 2020, 20, 145.	3.0	14
6	Requirements for 5G Integrated Data Transfer in German Prehospital Emergency Care. Current Directions in Biomedical Engineering, 2020, 6, 9-12.	0.4	3
7	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
8	Toward a standard ontology of surgical process models. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1397-1408.	2.8	54
9	Perioperative Workflow Simulation and Optimization in Orthopedic Surgery. Lecture Notes in Computer Science, 2018, , 3-11.	1.3	1
10	Ontology-based specification, identification and analysis of perioperative risks. Journal of Biomedical Semantics, 2017, 8, 36.	1.6	12
11	Using Fast Healthcare Interoperability Resources (FHIR) for the Integration of Risk Minimization Systems in Hospitals. Studies in Health Technology and Informatics, 2017, 245, 1378.	0.3	1
12	Standardized semantic workflow modeling in the surgical domain: Proof-of-concept analysis and evaluation for a neurosurgical use-case. , 2015, , .		1
13	Towards a framework for standardized semantic workflow modeling and management in the surgical domain. Current Directions in Biomedical Engineering, 2015, 1, 172-175.	0.4	3