

# Juliane Neumann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5122750/publications.pdf>

Version: 2024-02-01

13  
papers

113  
citations

1684188

5  
h-index

1474206

9  
g-index

19  
all docs

19  
docs citations

19  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a standard ontology of surgical process models. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1397-1408.	2.8	54
2	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
3	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
4	Ontology-based specification, identification and analysis of perioperative risks. Journal of Biomedical Semantics, 2017, 8, 36.	1.6	12
5	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
6	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
7	Requirements for 5G Integrated Data Transfer in German Prehospital Emergency Care. Current Directions in Biomedical Engineering, 2020, 6, 9-12.	0.4	3
8	Increasing efficiency by optimizing table position for elective primary THA and TKA: a prospective monocentric pilot study. Arthroplasty, 2020, 2, 29.	2.2	2
9	Standardized semantic workflow modeling in the surgical domain: Proof-of-concept analysis and evaluation for a neurosurgical use-case. , 2015, , .		1
10	Perioperative Workflow Simulation and Optimization in Orthopedic Surgery. Lecture Notes in Computer Science, 2018, , 3-11.	1.3	1
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	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
13	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