Sensor-based surgical activity recognition in unconstrained environments

#	Paper	IF	Citations
21	Rule-based medical device adaptation for the digital operating room. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2015**, 2015, 1733-6	0.9	10
20	Optimal Sub-Sequence Matching for the Automatic Prediction of Surgical Tasks. *Lecture Notes in Computer Science*, **2015**, 123-132	0.9	4
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18	Automatic phase prediction from low-level surgical activities. *International Journal of Computer Assisted Radiology and Surgery*, **2015**, 10, 833-41	3.9	23
17	Clinical assessment and management of general surgery patients via synchronous telehealth. *Journal of Telemedicine and Telecare*, **2017**, 23, 371-375	6.8	20
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15	Quantitative Analysis of a Camera Operation for Endoscopic Sinus Surgery Using a Navigation Information : Clinical Study. *Journal of Japan Society of Computer Aided Surgery*, **2017**, 19, 17-26	0.1	1
14	Method for Intra-Surgical Phase Detection by Using Real-Time Medical Device Data. **2017**,		7
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10	Design and evaluation of an eye tracking support system for the scrub nurse. *International Journal of Medical Robotics and Computer Assisted Surgery*, **2019**, 15, e1954	2.9	1
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6	An Intelligent and Data-Driven Decision Support Solution for the Online Surgery Scheduling Problem. *Lecture Notes in Business Information Processing*, **2019**, 82-103	0.6	
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2	Enhanced EfficientNet Network for Classifying Laparoscopy Videos using Transfer Learning Technique. **2022**,		1
1	Ontology-based surgical workflow recognition and prediction. **2022**, 136, 104240		0