

# Sven-Thomas Antoni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9157382/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Spatio-temporal deep learning models for tip force estimation during needle insertion. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1485-1493.	1.7	15
2	Online model checking for monitoring surrogate-based respiratory motion tracking in radiation therapy. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 2085-2096.	1.7	7
3	Creating 3D gelatin phantoms for experimental evaluation in biomedicine. Current Directions in Biomedical Engineering, 2015, 1, 331-334.	0.2	5
4	Feasibility of interactive gesture control of a robotic microscope. Current Directions in Biomedical Engineering, 2015, 1, 164-167.	0.2	3
5	Towards force sensing based on instrument-tissue interaction. , 2016, , .		3
6	Model checking for trigger loss detection during Doppler ultrasound-guided fetal cardiovascular MRI. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1755-1766.	1.7	2
7	Optical coherence tomography based 1D to 6D eye-in-hand calibration. , 2017, , .		0
8	Enhancing haptic feedback of subsurfaces during needle insertion. Current Directions in Biomedical Engineering, 2018, 4, 625-628.	0.2	0
9	A Quantitative Metric Temporal Logic for Execution-Time Constrained Verification. Lecture Notes in Computer Science, 2019, , 170-189.	1.0	0