

Yannick S Krieger

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

114
citations

1684188

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h-index

1720034

7
g-index

17
all docs

17
docs citations

17
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-arm snake-like robot. , 2017, , .		19
2	Improved endoscopic resection of large flat lesions and early cancers using an external additional working channel (AWC): a case series. Endoscopy International Open, 2019, 07, E298-E301.	1.8	17
3	A new 3D-printed overtube system for endoscopic submucosal dissection: first results of a randomized study in a porcine model. Endoscopy, 2016, 48, 762-765.	1.8	16
4	Fatigue strength of laser sintered flexure hinge structures for soft robotic applications. , 2017, , .		16
5	Compensation for Geometrical Deviations in Additive Manufacturing. Technologies, 2019, 7, 83.	5.1	14
6	Evaluation of long-term stability of monolithic 3D-printed robotic manipulator structures for minimally invasive surgery. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1693-1697.	2.8	6
7	Automated construction of gear racks, spur gears and helical gears using Matlab & STL files for rapid manufacturing. , 2013, , .		5
8	Development of a double arm endoscopic mini-manipulator system for transurethral resection of bladder tumors (TURBT). , 2017, , .		4
9	Evaluation of improved bi-manual endoscopic resection using a customizable 3D-printed manipulator system designed for use with standard endoscopes: a feasibility study using a porcine ex-vivo model. Endoscopy International Open, 2021, 09, E881-E887.	1.8	3
10	A new concept for a Single Incision Laparoscopic Manipulator System integrating intraoperative Laparoscopic Ultrasound. , 2016, , .		2
11	Mechatronic device for the optimization of the DBS-electrode placement. , 2016, , .		2
12	Electronic Control Concept for Surgical Manipulators Generated Using an Automated Design Process. , 2018, , .		2
13	PLAFOKON: a new concept for a patient-individual and intervention-specific flexible surgical platform. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 5303-5312.	2.4	2
14	Automated design of underactuated monolithic soft robotics structures with multiple predefined end poses. , 2021, , .		1
15	Design and manufacturing concept of a postoperative adjustable prosthesis for ossicular chain reconstructions. , 2016, , .		0
16	Distributed navigated control for active instruments in a real-time networked operating room. , 2017, , .		0