

# Kyle W Eastwood

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3641663/publications.pdf>

Version: 2024-02-01

14  
papers

175  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, prototype development and pre-clinical validation of a novel instrument with a compliant steerable tip to facilitate endoscopic ear surgery. <i>Journal of Medical Engineering and Technology</i> , 2021, 45, 22-34.	1.4	5
2	A Novel Instrument for Endoscopic Ear Surgery With a Steerable Flexible Tip. <i>Otology and Neurotology</i> , 2021, Publish Ahead of Print, e1683-e1690.	1.3	6
3	Time Flow Study to Assess Opportunities to Improve Efficiency in Endoscopic Tympanoplasty. <i>Journal of International Advanced Otology</i> , 2021, 17, 288-293.	1.0	2
4	A Steerable Neuroendoscopic Instrument Using Compliant Contact-Aided Joints and Monolithic Articulation. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2020, 14, .	0.7	11
5	Design of a Contact-Aided Compliant Notched-Tube Joint for Surgical Manipulation in Confined Workspaces. <i>Journal of Mechanisms and Robotics</i> , 2018, 10, .	2.2	38
6	Application of a Nonlinear Hammerstein-Wiener Estimator in the Development and Control of a Magnetorheological Fluid Haptic Device for Robotic Bone Biopsy. <i>Actuators</i> , 2018, 7, 83.	2.3	11
7	Design, Modelling and Teleoperation of a 2Åmm Diameter Compliant Instrument for the da Vinci Platform. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1437-1449.	2.5	14
8	Development of synthetic simulators for endoscope-assisted repair of metopic and sagittal craniosynostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 128-136.	1.3	21
9	Miniaturized Instruments for the da Vinci Research Kit: Design and Implementation of Custom Continuum Tools. <i>IEEE Robotics and Automation Magazine</i> , 2017, 24, 24-33.	2.0	25
10	Development and control of a magnetorheological haptic device for robot assisted surgery. , 2017, 2017, 3926-3929.		2
11	Kinetostatic design of asymmetric notch joints for surgical robots. , 2016, , .		21
12	Visual design and verification tool for collision-free dexterous patient specific neurosurgical instruments. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
13	Three-Dimensional Simulation of Collision-Free Paths for Combined Endoscopic Third Ventriculostomy and Pineal Region Tumor Biopsy. <i>Operative Neurosurgery</i> , 2016, 12, 231-238.	0.8	12
14	Design optimization of neuroendoscopic continuum instruments for third ventriculostomy and tumor biopsy. , 2015, 2015, 4853-6.		6