

Egidijus Pelanis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4842619/publications.pdf>

Version: 2024-02-01

14
papers

347
citations

1040056

9
h-index

1199594

12
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14
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14
docs citations

14
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed reality holograms for heart surgery planning: first user experience in congenital heart disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 883-888.	1.2	104
2	Use of mixed reality for improved spatial understanding of liver anatomy. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2020, 29, 154-160.	1.2	41
3	The effect of intraoperative imaging on surgical navigation for laparoscopic liver resection surgery. <i>Scientific Reports</i> , 2019, 9, 18687.	3.3	35
4	Use of mixed reality for surgery planning: Assessment and development workflow. <i>Journal of Biomedical Informatics</i> , 2020, 112, 100077.	4.3	35
5	Laparoscopic parenchyma-sparing liver resection for colorectal metastases. <i>Radiology and Oncology</i> , 2018, 52, 36-41.	1.7	26
6	Evaluation of a novel navigation platform for laparoscopic liver surgery with organ deformation compensation using injected fiducials. <i>Medical Image Analysis</i> , 2021, 69, 101946.	11.6	24
7	Towards a video quality assessment based framework for enhancement of laparoscopic videos. , 2020, , .		21
8	Navigated liver surgery: State of the art and future perspectives. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2022, 21, 226-233.	1.3	16
9	Effects of Enhancement on Deep Learning Based Hepatic Vessel Segmentation. <i>Electronics (Switzerland)</i> , 2021, 10, 1165.	3.1	15
10	GPU acceleration of liver enhancement for tumor segmentation. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 184, 105285.	4.7	12
11	Influence of sampling accuracy on augmented reality for laparoscopic image-guided surgery. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2021, 30, 229-238.	1.2	9
12	Laparoscopic liver resection for non-colorectal non-neuroendocrine metastases: perioperative and oncologic outcomes. <i>World Journal of Surgical Oncology</i> , 2019, 17, 156.	1.9	7
13	A Fast Method for Whole Liver- and Colorectal Liver Metastasis Segmentations from MRI Using 3D FCNN Networks. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5145.	2.5	2
14	Blandet virkelighet – ny bildeteknologi i klinisk utprøving. <i>Tidsskrift for Den Norske Lægeforening</i> , 2020, 140, .	0.2	0