

Petr Vavra

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

711
citations

840119

11
h-index

552369

26
g-index

42
all docs

42
docs citations

42
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Development of Augmented Reality in Surgery: A Review. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-9.	1.1	244
2	Diverting ileostomy in laparoscopic rectal cancer surgery: high price of protection. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 4809-4816.	1.3	86
3	Laparoscopic Colorectal Surgery in Obese Patients. <i>Obesity Surgery</i> , 2005, 15, 1328-1331.	1.1	48
4	Treatment strategies for colorectal carcinoma with synchronous liver metastases: Which way to go?. <i>World Journal of Gastroenterology</i> , 2015, 21, 7014-7021.	1.4	42
5	Laparoscopic approach to retrorectal cyst. <i>World Journal of Gastroenterology</i> , 2008, 14, 6581.	1.4	42
6	The modern use of radiofrequency energy in surgery, endoscopy and interventional radiology. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2008, 40, 204-210.	0.3	25
7	Functional outcome of low rectal resection evaluated by anorectal manometry. <i>ANZ Journal of Surgery</i> , 2018, 88, E512-E516.	0.3	25
8	Transanal endoscopic microsurgery: A novel technique for the repair of benign rectovaginal fistula. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2009, 7, 126-127.	0.8	21
9	Endoscopic Radiofrequency Ablation in Colorectal Cancer. <i>Diseases of the Colon and Rectum</i> , 2009, 52, 355-358.	0.7	21
10	Quality of Life after Laparoscopic and Open Resection of Colorectal Cancer. <i>Digestive Surgery</i> , 2014, 31, 161-168.	0.6	19
11	Capacitive biopotential electrode with a ceramic dielectric layer. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 988-995.	4.0	16
12	Fecal incontinence among nursing home residents: Is it still a problem?. <i>Archives of Gerontology and Geriatrics</i> , 2016, 65, 79-84.	1.4	12
13	Colorectal cancer liver metastases: laparoscopic and open radiofrequency-assisted surgery. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2015, 2, 205-212.	0.3	11
14	Pilot study for a new bipolar radiofrequency ablation/aspirator device in the management of primary and secondary liver cancers. <i>Liver International</i> , 2009, 29, 824-830.	1.9	10
15	The Impact of Standard Protocol Implementation on the Quality of Colorectal Cancer Pathology Reporting. <i>World Journal of Surgery</i> , 2015, 39, 259-265.	0.8	10
16	Long-Term Results of Laparoscopic Versus Open Surgery for Nonmetastatic Colorectal Cancer. <i>Acta Chirurgica Belgica</i> , 2012, 112, 139-147.	0.2	9
17	Impact of conversion on outcome in laparoscopic colorectal cancer surgery. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2012, 2, 74-81.	0.3	9
18	Pseudoaneurysm of the left internal carotid artery following tonsillectomy. <i>Vasa - European Journal of Vascular Medicine</i> , 2011, 40, 491-494.	0.6	7

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19	Hand-assisted laparoscopic liver resection using Habib's technique: early experience. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2012, 1, 8-12.	0.3	5
20	Design and Development of a Novel Invasive Blood Pressure Simulator for Patient's Monitor Testing. <i>Sensors</i> , 2020, 20, 259.	2.1	5
21	Hepatocellular carcinoma versus nonalcoholic fatty liver disease: metabolic, environmental, and genetic association? De facto?. <i>Revista Da Associação Médica Brasileira</i> , 2022, 68, 708-711.	0.3	5
22	A narrative review on nonalcoholic fatty liver disease and nonalcoholic steatohepatitis versus hepatocellular carcinoma: do you mind?. <i>Revista Da Associação Médica Brasileira</i> , 2022, 68, 871-874.	0.3	5
23	Novel combined approach in the management of non-healing solitary rectal ulcer syndrome – laparoscopic resection rectopexy and transanal endoscopic microsurgery. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2015, 2, 295-298.	0.3	4
24	Effect of bariatric surgery on fatty liver disease in obese patients: A prospective one year follow-up study. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2021, .	0.2	4
25	466 RADIOFREQUENCY ASSISTED HEPATIC RESECTION: A NEW TECHNIQUE USING A BIPOLAR DEVICE. <i>Journal of Hepatology</i> , 2010, 52, S189.	1.8	3
26	Semi-spherical Radiofrequency Bipolar Device – A New Technique for Liver Resection. <i>Technology in Cancer Research and Treatment</i> , 2015, 14, 573-582.	0.8	3
27	Novel strategy in the treatment of liver metastases – Hepatic resection combined with stereotactic body radiotherapy. <i>Asian Journal of Surgery</i> , 2020, 43, 902-906.	0.2	3
28	Radiofrequency-assisted liver resection: short-term results in a single institution. <i>Bratislava Medical Journal</i> , 2012, 114, 19-22.	0.4	3
29	Layout optimization of electrodes for radiofrequency ablation instrument. , 2013, , .		2
30	Adjustable Laparoscopic Surgical Device – LARA-K1. <i>Surgical Innovation</i> , 2016, 23, 644-645.	0.4	2
31	Liver regeneration during the associating liver partition and portal vein ligation for staged hepatectomy procedure in <i>Sus scrofa</i> is positively modulated by stem cells. <i>Oncology Letters</i> , 2018, 15, 6309-6321.	0.8	2
32	Changes in bowel habits after laparoscopic sleeve gastrectomy. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2020, 15, 469-477.	0.3	2
33	Technical Development of a New Semispherical Radiofrequency Bipolar Device (RONJA): <i>In Vivo</i> and <i>In Vivo</i> Studies. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	1
34	Novel Series of Quaternary Ammonium Surfactants Based on 2,3-Dihydro- [1,4]dioxino[2,3-b]pyridin-7-ol Ring: Synthesis, Analysis and Antimicrobial Evaluation. <i>Letters in Organic Chemistry</i> , 2017, 15, .	0.2	1
35	A giant solitary fibrous tumour of the liver: a case report. <i>Acta Chirurgica Belgica</i> , 2021, , 1-4.	0.2	1
36	New semi-spherical radiofrequency energy device for liver resection: an experimental study in pigs. <i>Acta Veterinaria Brno</i> , 2015, 84, 397-401.	0.2	1

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37	Advancement in liver laparoscopic resection – development of a new surgical device. Brazilian Journal of Medical and Biological Research, 2018, 51, e6062.	0.7	0
38	Design and Testing of radiofrequency instrument Ronja ICS. , 2019, , .		0
39	Design and Stress Analysis of a System for Cleaning Needle Electrodes for Radiofrequency Ablation during Surgeries. , 2019, , .		0
40	Design and Testing of Radiofrequency Instrument RONLINE. Advances in Intelligent Systems and Computing, 2019, , 638-649.	0.5	0
41	Design and Strength Analysis of Laparoscopical Tool for Electrocoagulation Surgery. , 2019, , .		0