

Věclav Liška

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

2,256
citations

304743

22
h-index

254184

43
g-index

113
all docs

113
docs citations

113
times ranked

4117
citing authors

#	ARTICLE	IF	CITATIONS
1	Using virtual microscopy for the development of sampling strategies in quantitative histology and design-based stereology. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2022, 51, 3-22.	0.7	8
2	T- and B-Cells in the Inner Invasive Margin of Hepatocellular Carcinoma after Resection Associate with Favorable Prognosis. <i>Cancers</i> , 2022, 14, 604.	3.7	4
3	Circulating Tumor Cell Kinetics and Morphology from the Liquid Biopsy Predict Disease Progression in Patients with Metastatic Colorectal Cancer Following Resection. <i>Cancers</i> , 2022, 14, 642.	3.7	3
4	Long-term incidence and survival trends in cancer of the gallbladder and extrahepatic bile ducts in Denmark, Finland, Norway and Sweden with etiological implications related to Thorotrast. <i>International Journal of Cancer</i> , 2022, 151, 200-208.	5.1	7
5	Are ovine and porcine carotid arteries equivalent animal models for experimental cardiac surgery: A quantitative histological comparison. <i>Annals of Anatomy</i> , 2022, 242, 151910.	1.9	3
6	Familial Risks for Liver, Gallbladder and Bile Duct Cancers and for Their Risk Factors in Sweden, a Low-Incidence Country. <i>Cancers</i> , 2022, 14, 1938.	3.7	5
7	Long-term incidence in hepatocellular carcinoma and intrahepatic bile duct cancer in Denmark, Finland, Norway and Sweden, role of Thorotrast?. <i>International Journal of Cancer</i> , 2022, 151, 510-517.	5.1	4
8	Abstract 2316: Malignant potential of colorectal adenoma based on the telomere length. <i>Cancer Research</i> , 2022, 82, 2316-2316.	0.9	0
9	Altered Expression of MBNL Family of Alternative Splicing Factors in Colorectal Cancer. <i>Cancer Genomics and Proteomics</i> , 2021, 18, 295-306.	2.0	1
10	Double-layered Nanofibrous Patch for Prevention of Anastomotic Leakage and Peritoneal Adhesions, Experimental Study. <i>In Vivo</i> , 2021, 35, 731-741.	1.3	7
11	Reinforcement of Colonic Anastomosis with Improved Ultrafine Nanofibrous Patch: Experiment on Pig. <i>Biomedicines</i> , 2021, 9, 102.	3.2	7
12	Blunt injury of liver: mechanical response of porcine liver in experimental impact test. <i>Physiological Measurement</i> , 2021, 42, 025008.	2.1	5
13	Mesenchymal Stromal Cell Therapy in Novel Porcine Model of Diffuse Liver Damage Induced by Repeated Biliary Obstruction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4304.	4.1	5
14	Gene expression of cytokinesis regulators <i>PRC1</i> , <i>KIF14</i> and <i>CIT</i> has no prognostic role in colorectal and pancreatic cancer. <i>Oncology Letters</i> , 2021, 22, 598.	1.8	5
15	Second Primary Cancers After Liver, Gallbladder and Bile Duct Cancers, and These Cancers as Second Primary Cancers. <i>Clinical Epidemiology</i> , 2021, Volume 13, 683-691.	3.0	6
16	Decellularized xenogeneic scaffolds in transplantation and tissue engineering: Immunogenicity versus positive cell stimulation. <i>Materials Science and Engineering C</i> , 2021, 127, 112203.	7.3	35
17	Why Use Position Features in Liver Segmentation Performed by Convolutional Neural Network. <i>Frontiers in Physiology</i> , 2021, 12, 734217.	2.8	2
18	Genetic variations in microRNA-binding sites of solute carrier transporter genes as predictors of clinical outcome in colorectal cancer. <i>Carcinogenesis</i> , 2021, 42, 378-394.	2.8	6

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19	Liver resections for colorectal liver metastases in elderly patients. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2021, 53, 66-74.	0.7	0
20	Geometrical model of lobular structure and its importance for the liver perfusion analysis. <i>PLoS ONE</i> , 2021, 16, e0260068.	2.5	1
21	Histological mapping of porcine carotid arteries – An animal model for the assessment of artificial conduits suitable for coronary bypass grafting in humans. <i>Annals of Anatomy</i> , 2020, 228, 151434.	1.9	9
22	Epistatic effect of TLR3 and cGAS/STING/IKK α /TBK1/IFN signaling variants on colorectal cancer risk. <i>Cancer Medicine</i> , 2020, 9, 1473-1484.	2.8	10
23	Long-term Results of Surgery for Colorectal Liver Metastases in Terms of Primary Tumour Location and Clinical Risk Factors. <i>In Vivo</i> , 2020, 34, 2675-2685.	1.3	4
24	A Double Edged Sword Role of Interleukin-22 in Wound Healing and Tissue Regeneration. <i>Frontiers in Immunology</i> , 2020, 11, 2148.	4.8	60
25	Association of miR-125b, miR-17 and let-7c Dysregulations With Response to Anti-epidermal Growth Factor Receptor Monoclonal Antibodies in Patients With Metastatic Colorectal Cancer. <i>Cancer Genomics and Proteomics</i> , 2020, 17, 605-613.	2.0	6
26	Influence of Mesenchymal Stem Cell Administration on The Outcome of Partial Liver Resection in a Porcine Model of Sinusoidal Obstruction Syndrome. <i>Anticancer Research</i> , 2020, 40, 6817-6833.	1.1	2
27	Semantic Segmentation of Intralobular and Extralobular Tissue from Liver Scaffold H&E Images. <i>Sensors</i> , 2020, 20, 7063.	3.8	7
28	Novel morphological multi-scale evaluation system for quality assessment of decellularized liver scaffolds. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173142092112.	5.5	20
29	Experimental fortification of intestinal anastomoses with nanofibrous materials in a large animal model. <i>Scientific Reports</i> , 2020, 10, 1134.	3.3	14
30	Algebraic Filtering of Surfaces from 3D Medical Images with Julia. <i>Computer-Aided Design and Applications</i> , 2020, 18, 468-485.	0.6	0
31	MicrAnt: Towards Regression Task Oriented Annotation Tool for Microscopic Images. <i>Lecture Notes in Computer Science</i> , 2020, , 209-218.	1.3	1
32	Pros and Cons of Portal Vein Embolization With Hematopoietic Stem Cells Application in Colorectal Liver Metastases Surgery. <i>In Vivo</i> , 2020, 34, 2919-2925.	1.3	3
33	A Critical Analysis of Experimental Animal Models of Sinusoidal Obstruction Syndrome. <i>Journal of Clinical and Experimental Hepatology</i> , 2019, 9, 345-353.	0.9	7
34	<i>Fusobacterium nucleatum</i> tumor DNA levels are associated with survival in colorectal cancer patients. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1891-1899.	2.9	33
35	Relationship of telomere length in colorectal cancer patients with cancer phenotype and patient prognosis. <i>British Journal of Cancer</i> , 2019, 121, 344-350.	6.4	28
36	The Predictive Role of Primary Tumour Sidedness in Metastatic Colorectal Cancer Treated With Targeted Agents. <i>Anticancer Research</i> , 2019, 39, 5645-5652.	1.1	9

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37	Truncated PPM1D impairs stem cell response to genotoxic stress and promotes growth of APC-deficient tumors in the mouse colon. <i>Cell Death and Disease</i> , 2019, 10, 818.	6.3	12
38	Expression of Serpin B9 as a Prognostic Factor of Colorectal Cancer. <i>Anticancer Research</i> , 2019, 39, 6063-6066.	1.1	10
39	Protein expression of ABCC2 and SLC22A3 associates with prognosis of pancreatic adenocarcinoma. <i>Scientific Reports</i> , 2019, 9, 19782.	3.3	15
40	Incidental Use of Beta-Blockers Is Associated with Outcome of Metastatic Colorectal Cancer Patients Treated with Bevacizumab-Based Therapy: A Single-Institution Retrospective Analysis of 514 Patients. <i>Cancers</i> , 2019, 11, 1856.	3.7	15
41	Allogeneic Venous Grafts of Different Origin Used for Portal Vein Reconstruction After Pancreaticoduodenectomy – Experimental Study. <i>Anticancer Research</i> , 2019, 39, 6603-6620.	1.1	4
42	Functional Polymorphisms in DNA Repair Genes Are Associated with Sporadic Colorectal Cancer Susceptibility and Clinical Outcome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 97.	4.1	20
43	Expression of Selenoprotein Genes and Association with Selenium Status in Colorectal Adenoma and Colorectal Cancer. <i>Nutrients</i> , 2018, 10, 1812.	4.1	34
44	Multiscale Graph-Cut for 3D Segmentation of Compact Objects. <i>Lecture Notes in Computer Science</i> , 2018, , 227-236.	1.3	0
45	The Association of Baseline Serum Tumour Markers with Outcome of Patients with Metastatic Colorectal Cancer Treated with Anti-EGFR Monoclonal Antibodies in the First Line. <i>Journal of Cancer</i> , 2018, 9, 4255-4262.	2.5	2
46	Base excision repair capacity as a determinant of prognosis and therapy response in colon cancer patients. <i>DNA Repair</i> , 2018, 72, 77-85.	2.8	27
47	Expression profile of miR-17/92 cluster is predictive of treatment response in rectal cancer. <i>Carcinogenesis</i> , 2018, 39, 1359-1367.	2.8	29
48	lncRNAs in Non-Malignant Tissue Have Prognostic Value in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2672.	4.1	26
49	Portal Vein Embolization (PVE) Versus PVE with Haematopoietic Stem Cell Application in Patients with Primarily Non-resectable Colorectal Liver Metastases. <i>Anticancer Research</i> , 2018, 38, 5531-5537.	1.1	7
50	Short article: Influence of regulatory NLRC5 variants on colorectal cancer survival and 5-fluorouracil-based chemotherapy. <i>European Journal of Gastroenterology and Hepatology</i> , 2018, 30, 838-842.	1.6	6
51	The Impact of Immune Interaction on the Metastatic Infiltration of Colorectal Carcinoma to Lymph Nodes. <i>Anticancer Research</i> , 2018, 38, 4159-4167.	1.1	8
52	Investigation of single and synergic effects of NLRC5 and PD-L1 variants on the risk of colorectal cancer. <i>PLoS ONE</i> , 2018, 13, e0192385.	2.5	20
53	Monitoring after radiofrequency ablation of liver tumors: contrast-enhanced ultrasound vs. contrast-enhanced computer tomography, two days after procedure. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301; Olomouc, Czechoslovakia</i> , 2018, 162, 304-309.	0.6	2
54	A Prospective Multi-National Study of the Colorectal Cancer Mucosal Microbiome Reveals Specific Taxonomic Changes Indicative of Disease Stage and Prognosis. <i>Gastroenterology</i> , 2017, 152, S1010-S1011.	1.3	0

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55	The use of porcine corrosion casts for teaching human anatomy. <i>Annals of Anatomy</i> , 2017, 213, 69-77.	1.9	12
56	Stereological analysis of size and density of hepatocytes in the porcine liver. <i>Journal of Anatomy</i> , 2017, 230, 575-588.	1.5	29
57	The association of miR-126-3p, miR-126-5p and miR-664-3p expression profiles with outcomes of patients with metastatic colorectal cancer treated with bevacizumab. <i>Tumor Biology</i> , 2017, 39, 101042831770928.	1.8	24
58	Downregulation of ABC Transporters in Non-neoplastic Tissues Confers Better Prognosis for Pancreatic and Colorectal Cancer Patients. <i>Journal of Cancer</i> , 2017, 8, 1959-1971.	2.5	20
59	Comparison of absolute fluid restriction versus relative volume redistribution strategy in low central venous pressure anesthesia in liver resection surgery: a randomized controlled trial. <i>Minerva Anestesiologica</i> , 2017, 83, 1051-1060.	1.0	6
60	Liver Resections for Colorectal Metastases in Patients Aged Over 75 Years. <i>Anticancer Research</i> , 2017, 37, 1529-1534.	1.1	7
61	Evaluation of Tumor Markers and Their Impact on Prognosis in Gallbladder, Bile Duct and Cholangiocellular Carcinomas – A Pilot Study. <i>Anticancer Research</i> , 2017, 37, 2003-2010.	1.1	15
62	Hepatic Epithelioid Hemangioendothelioma – a Rare Tumor and Diagnostic Dilemma. <i>In Vivo</i> , 2017, 31, 763-767.	1.3	22
63	Molecular profile of 5-fluorouracil pathway genes in colorectal carcinoma. <i>BMC Cancer</i> , 2016, 16, 795.	2.6	23
64	The focus on sample quality: Influence of colon tissue collection on reliability of qPCR data. <i>Scientific Reports</i> , 2016, 6, 29023.	3.3	7
65	Stereological quantification of microvessels using semiautomated evaluation of X-ray microtomography of hepatic vascular corrosion casts. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 1803-1819.	2.8	12
66	Epigenome-wide analysis of DNA methylation reveals a rectal cancer-specific epigenomic signature. <i>Epigenomics</i> , 2016, 8, 1193-1207.	2.1	22
67	Protein expression of ATP-binding cassette transporters ABCC10 and ABCC11 associates with survival of colorectal cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 78, 595-603.	2.3	17
68	G12V and G12A KRAS mutations are associated with poor outcome in patients with metastatic colorectal cancer treated with bevacizumab. <i>Tumor Biology</i> , 2016, 37, 6823-6830.	1.8	38
69	The Role of Cetuximab in the Induction of Anticancer Immune Response in Colorectal Cancer Treatment. <i>Anticancer Research</i> , 2016, 36, 4421-4426.	1.1	40
70	Intrahepatic biliary cystadenoma – diagnosis and treatment options. <i>Turkish Journal of Gastroenterology</i> , 2016, 27, 252-256.	1.1	7
71	Porcine liver vascular bed in Biodur E20 corrosion casts. <i>Folia Morphologica</i> , 2016, 75, 154-161.	0.8	13
72	Genome-wide microRNA Expression Profiling in Primary Tumors and Matched Liver Metastasis of Patients with Colorectal Cancer. <i>Cancer Genomics and Proteomics</i> , 2016, 13, 311-6.	2.0	22

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73	Post-treatment recovery of suboptimal DNA repair capacity and gene expression levels in colorectal cancer patients. <i>Molecular Carcinogenesis</i> , 2015, 54, 769-778.	2.7	16
74	The Association of Serum Carcinoembryonic Antigen, Carbohydrate Antigen 19-9, Thymidine Kinase, and Tissue Polypeptide Specific Antigen with Outcomes of Patients with Metastatic Colorectal Cancer Treated with Bevacizumab: a Retrospective Study. <i>Targeted Oncology</i> , 2015, 10, 549-555.	3.6	5
75	Segmental and age differences in the elastin network, collagen, and smooth muscle phenotype in the tunica media of the porcine aorta. <i>Annals of Anatomy</i> , 2015, 201, 79-90.	1.9	32
76	Monoclonal antibody against transforming growth factor Beta 1 does not influence liver regeneration after resection in large animal experiments. <i>In Vivo</i> , 2015, 29, 327-40.	1.3	5
77	Immunohistochemical Detection of Cancer Stem Cell Related Markers CD44 and CD133 in Metastatic Colorectal Cancer Patients. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	27
78	Fusobacterium nucleatum associates with stages of colorectal neoplasia development, colorectal cancer and disease outcome. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 1381-1390.	2.9	397
79	HOTAIR long non-coding RNA is a negative prognostic factor not only in primary tumors, but also in the blood of colorectal cancer patients. <i>Carcinogenesis</i> , 2014, 35, 1510-1515.	2.8	227
80	Portal vein embolisation with application of haematopoietic stem cells in patients with primarily or non-resectable colorectal liver metastases. <i>Anticancer Research</i> , 2014, 34, 7279-85.	1.1	3
81	Assessing colorectal cancer heterogeneity: one step closer to tailored medicine. <i>Journal of Applied Biomedicine</i> , 2013, 11, 115-129.	1.7	2
82	The role of ABC transporters in progression and clinical outcome of colorectal cancer. <i>Mutagenesis</i> , 2012, 27, 187-196.	2.6	198
83	The contribution of vascular smooth muscle, elastin and collagen on the passive mechanics of porcine carotid arteries. <i>Physiological Measurement</i> , 2012, 33, 1335-1351.	2.1	33
84	Differences in nucleotide excision repair capacity between newly diagnosed colorectal cancer patients and healthy controls. <i>Mutagenesis</i> , 2012, 27, 225-232.	2.6	35
85	Functional, Genetic, and Epigenetic Aspects of Base and Nucleotide Excision Repair in Colorectal Carcinomas. <i>Clinical Cancer Research</i> , 2012, 18, 5878-5887.	7.0	66
86	Matrix metalloproteinases and their inhibitors in correlation to proliferative and classical tumour markers during surgical therapy of colorectal liver metastases. <i>Bratislava Medical Journal</i> , 2012, 113, 108-113.	0.8	1
87	Effects of Liver Tumor and Post-Ablation Necrosis Volume on the Result of Radiofrequency Ablation. <i>Hepato-Gastroenterology</i> , 2012, 59, 1537-40.	0.5	2
88	Different cardiac loading conditions and haemodynamic monitoring in animal models. <i>Bratislava Medical Journal</i> , 2012, 113, 131-134.	0.8	0
89	Infiltration of colorectal carcinoma by S100+ dendritic cells and CD57+ lymphocytes as independent prognostic factors after radical surgical treatment. <i>Anticancer Research</i> , 2012, 32, 2129-32.	1.1	15
90	Inhibition of transforming growth factor beta-1 augments liver regeneration after partial portal vein ligation in a porcine experimental model. <i>Hepato-Gastroenterology</i> , 2012, 59, 235-40.	0.5	7

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91	Tumour necrosis factor-alpha stimulates liver regeneration in porcine model of partial portal vein ligation. <i>Hepato-Gastroenterology</i> , 2012, 59, 496-500.	0.5	3
92	Non-colorectal liver metastases: surgical treatment options. <i>Hepato-Gastroenterology</i> , 2012, 59, 245-8.	0.5	4
93	Prognostic value of the number and volume of liver tumours on portal vein embolization outcomes. <i>Hepato-Gastroenterology</i> , 2012, 59, 448-52.	0.5	1
94	Evaluation of tumour markers as differential diagnostic tool in patients with suspicion of liver metastases from breast cancer. <i>Anticancer Research</i> , 2011, 31, 1447-51.	1.1	11
95	Relevance of miR-21 and miR-143 expression in tissue samples of colorectal carcinoma and its liver metastases. <i>Cancer Genetics and Cytogenetics</i> , 2010, 200, 154-160.	1.0	139
96	Seven Isolates of <i>Actinomyces turicensis</i> from Patients with Surgical Infections of the Anogenital Area in a Czech Hospital. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2660-2661.	3.9	11
97	Intraportal injection of porcine multipotent mesenchymal stromal cells augments liver regeneration after portal vein embolization. <i>In Vivo</i> , 2009, 23, 229-35.	1.3	12
98	Interleukin-6 augments activation of liver regeneration in porcine model of partial portal vein ligation. <i>Anticancer Research</i> , 2009, 29, 2371-7.	1.1	4
99	Preoperative tumor markers as prognostic factors of colorectal liver metastases. <i>Hepato-Gastroenterology</i> , 2009, 56, 317-20.	0.5	5
100	Clinical Relevance of the Expression of mRNA of MMP-7, MMP-9, TIMP-1, TIMP-2 and CEA Tissue Samples from Colorectal Liver Metastases. <i>Tumor Biology</i> , 2007, 28, 247-252.	1.8	23
101	Recurrence of colorectal liver metastases after surgical treatment: multifactorial study. <i>Hepato-Gastroenterology</i> , 2007, 54, 1741-4.	0.5	1
102	Immunosuppressive agents have an influence on ischemia-reperfusion injury in kidneys procured from a non-heart-beating donor: Experimental study. <i>Transplantation Proceedings</i> , 2004, 36, 2931-2934.	0.6	4
103	Primers ITS1, ITS2 and ITS4 detect the intraspecies variability in the internal transcribed spacers and 5.8S rRNA gene region in clinical isolates of fungi. <i>Folia Microbiologica</i> , 2003, 48, 233-238.	2.3	48
104	Quantification of Liver Microcirculation Using X-Ray Microtomography of Vascular Corrosion Casts. <i>Key Engineering Materials</i> , 0, 592-593, 505-508.	0.4	0
105	Links between the Orientation of Vascular Smooth Muscle and Microscopical Composition of Aortic Segments. <i>Solid State Phenomena</i> , 0, 258, 329-332.	0.3	0
106	Porcine spleen as a model organ for blunt injury impact tests: An experimental and histological study. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 0, , .	0.7	0