Peter Regitnig

List of Publications by Year
in descending order

42 papers	2,654 citations	361296 20 h-index	330025 37 g-index
44 all docs	44 docs citations	44 times ranked	3220 citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive and robust liquid biopsy-based detection of PIK3CA mutations in hormone-receptor-positive metastatic breast cancer patients. British Journal of Cancer, 2022, 126, 456-463.	2.9	15
2	Towards a Taxonomy for Explainable AI in Computational Pathology. , 2022, , 311-330.		2
3	Personas for Artificial Intelligence (AI) an Open Source Toolbox. IEEE Access, 2022, 10, 23732-23747.	2.6	19
4	Biosafety Requirements for Autopsies of Patients with COVID-19: Example of a BSL-3 Autopsy Facility Designed for Highly Pathogenic Agents. Pathobiology, 2021, 88, 37-45.	1.9	25
5	Interpretable survival prediction for colorectal cancer using deep learning. Npj Digital Medicine, 2021, 4, 71.	5.7	95
6	Predicting prostate cancer specific-mortality with artificial intelligence-based Gleason grading. Communications Medicine, 2021, 1, .	1.9	24
7	Determining breast cancer biomarker status and associated morphological features using deep learning. Communications Medicine, 2021, 1, .	1.9	53
8	The OncoMasTR Test Predicts Distant Recurrence in Estrogen Receptorâ€"Positive, HER2-Negative Early-Stage Breast Cancer: A Validation Study in ABCSG Trial 8. Clinical Cancer Research, 2021, 27, 5931-5938.	3.2	1
9	Intra-Tumour Heterogeneity Is One of the Main Sources of Inter-Observer Variation in Scoring Stromal Tumour Infiltrating Lymphocytes in Triple Negative Breast Cancer. Cancers, 2021, 13, 4410.	1.7	8
10	Metaplastic papillary tumour of the fallopian tube, a rare entity, analysed by nextâ€generation sequencing. Histopathology, 2020, 76, 923-924.	1.6	1
11	Prognostic value of histopathological DCIS features in a large-scale international interrater reliability study. Breast Cancer Research and Treatment, 2020, 183, 759-770.	1.1	16
12	Incidence of Morphea following Adjuvant Irradiation of the Breast in 2,268 Patients. Breast Care, 2020, 15, 246-252.	0.8	5
13	Local and Central Evaluation of HER2 Positivity and Clinical Outcome in Advanced Gastric and Gastroesophageal Cancerâ€"Results from the AGMT GASTRIC-5 Registry. Journal of Clinical Medicine, 2020, 9, 935.	1.0	6
14	Towards a Better Understanding of the Workflows: Modeling Pathology Processes in View of Future AI Integration. Lecture Notes in Computer Science, 2020, , 102-117.	1.0	5
15	Infarct of Breast Tissue. Encyclopedia of Pathology, 2020, , 167-169.	0.0	0
16	Expectations of Artificial Intelligence for Pathology. Lecture Notes in Computer Science, 2020, , 1-15.	1.0	3
17	Failure properties and microstructure of healthy and aneurysmatic human thoracic aortas subjected to uniaxial extension with a focus on the media. Acta Biomaterialia, 2019, 99, 443-456.	4.1	26
18	The role of tissue remodeling in mechanics and pathogenesis of abdominal aortic aneurysms. Acta Biomaterialia, 2019, 88, 149-161.	4.1	60

#	Article	IF	Citations
19	Is Regression after Neoadjuvant Chemotherapy for Locally Advanced Breast Cancer Different in Sentinel and Non-sentinel Nodes?. Pathology and Oncology Research, 2018, 24, 167-170.	0.9	1
20	Reproducibility and predictive value of scoring stromal tumour infiltrating lymphocytes in triple-negative breast cancer: a multi-institutional study. Breast Cancer Research and Treatment, 2018, 171, 1-9.	1.1	37
21	Mechanical response of human subclavian and iliac arteries to extension, inflation and torsion. Acta Biomaterialia, 2018, 75, 235-252.	4.1	20
22	Radiation-induced morphea—aÂrare but severe late effect of adjuvant breast irradiation. Strahlentherapie Und Onkologie, 2018, 194, 1060-1065.	1.0	22
23	Invasive lobular carcinoma with extracellular mucin production—a novel pattern of lobular carcinomas of the breast. Clinico-pathological description of eight cases. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2017, 471, 3-12.	1.4	31
24	Quality indicators in breast cancer care: An update from the EUSOMA working group. European Journal of Cancer, 2017, 86, 59-81.	1.3	163
25	Microstructure and mechanics of healthy and aneurysmatic abdominal aortas: experimental analysis and modelling. Journal of the Royal Society Interface, 2016, 13, 20160620.	1.5	137
26	Critical evaluation ofKCNJ3gene product detection in human breast cancer: mRNA in situ hybridisation is superior to immunohistochemistry. Journal of Clinical Pathology, 2016, 69, 1116-1121.	1.0	5
27	Prospective screening for human epidermal growth factor receptor 2 (HER2) positivity in patients with inoperable locally advanced or metastatic gastric or gastro-esophageal junction cancer. AGMT gastric-5.. Journal of Clinical Oncology, 2016, 34, e15501-e15501.	0.8	2
28	<i>KCNJ3</i> is a new independent prognostic marker for estrogen receptor positive breast cancer patients. Oncotarget, 2016, 7, 84705-84717.	0.8	18
29	Quantification of Shear Deformations and Corresponding Stresses in the Biaxially Tested Human Myocardium. Annals of Biomedical Engineering, 2015, 43, 2334-2348.	1.3	61
30	The PAM50 Risk-of-Recurrence Score Predicts Risk for Late Distant Recurrence after Endocrine Therapy in Postmenopausal Women with Endocrine-Responsive Early Breast Cancer. Clinical Cancer Research, 2014, 20, 1298-1305.	3.2	182
31	Distribution pattern of the Ki67 labelling index in breast cancer and its implications for choosing cut-off values. Breast, 2014, 23, 259-263.	0.9	53
32	Predicting local recurrence using PAM50 in postmenopausal endocrine responsive breast cancer patients.. Journal of Clinical Oncology, 2014, 32, 1008-1008.	0.8	5
33	Prospective screening for human epidermal growth factor receptor 2 (HER2) positivity in patients with inoperable locally advanced or metastatic gastric or gastro-esophageal junction cancer. AGMT gastric-5.. Journal of Clinical Oncology, 2014, 32, e15037-e15037.	0.8	0
34	An automated approach for three-dimensional quantification of fibrillar structures in optically cleared soft biological tissues. Journal of the Royal Society Interface, 2013, 10, 20120760.	1.5	97
35	Determination of the layer-specific distributed collagen fibre orientations in human thoracic and abdominal aortas and common iliac arteries. Journal of the Royal Society Interface, 2012, 9, 1275-1286.	1.5	288
36	Layer-specific damage experiments and modeling of human thoracic and abdominal aortas with non-atherosclerotic intimal thickening. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 12, 93-106.	1.5	186

#	Article	IF	Citations
37	Layer-Specific Distributed Collagen Fiber Orientations in Human Arteries, From Thoracic Aorta to Common Iliac. , 2011, , .		2
38	Magnetic resonance imaging of the breast: Recommendations from the EUSOMA working group. European Journal of Cancer, 2010, 46, 1296-1316.	1.3	813
39	How accurate is frozen section histology of pelvic lymph nodes in patients with endometrial cancer?. Gynecologic Oncology, 2009, 115, 12-17.	0.6	25
40	Bilateral carcinomas of the breast with local recurrence: analysis of genetic relationship of the tumors. Modern Pathology, 2004, 17, 597-602.	2.9	21
41	Change of HER-2/neu status in a subset of distant metastases from breast carcinomas. Journal of Pathology, 2004, 203, 918-926.	2.1	121
42	ASSESSMENT OF PLAQUE STABILITY BASED ON HIGH-RESOLUTION MAGNETIC RESONANCE IMAGING OF HUMAN ATHEROSCLEROTIC LESIONS AND COMPUTATIONAL MECHANICAL ANALYSIS. , 2004, , 101-115.		0