

Riku Turkki

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,744
citations

489802

18
h-index

511568

30
g-index

36
all docs

36
docs citations

36
times ranked

3537
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning based tissue analysis predicts outcome in colorectal cancer. <i>Scientific Reports</i> , 2018, 8, 3395.	1.6	450
2	Phase I study with ONCOS-102 for the treatment of solid tumors – an evaluation of clinical response and exploratory analyses of immune markers. , 2016, 4, 17.		155
3	Systems pathology by multiplexed immunohistochemistry and whole-slide digital image analysis. <i>Scientific Reports</i> , 2017, 7, 15580.	1.6	120
4	Identification of tumor epithelium and stroma in tissue microarrays using texture analysis. <i>Diagnostic Pathology</i> , 2012, 7, 22.	0.9	119
5	Capturing complex tumour biology in vitro: histological and molecular characterisation of precision cut slices. <i>Scientific Reports</i> , 2015, 5, 17187.	1.6	98
6	A Malaria Diagnostic Tool Based on Computer Vision Screening and Visualization of Plasmodium falciparum Candidate Areas in Digitized Blood Smears. <i>PLoS ONE</i> , 2014, 9, e104855.	1.1	88
7	Breast cancer outcome prediction with tumour tissue images and machine learning. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 41-52.	1.1	80
8	Antibody-supervised deep learning for quantification of tumor-infiltrating immune cells in hematoxylin and eosin stained breast cancer samples. <i>Journal of Pathology Informatics</i> , 2016, 7, 38.	0.8	78
9	Immune cell contexture in the bone marrow tumor microenvironment impacts therapy response in CML. <i>Leukemia</i> , 2018, 32, 1643-1656.	3.3	75
10	Immunological data from cancer patients treated with Ad5/3-E2F- β 24-GMCSF suggests utility for tumor immunotherapy. <i>Oncotarget</i> , 2015, 6, 4467-4481.	0.8	63
11	Repeated intratumoral administration of ONCOS-102 leads to systemic antitumor CD8 ⁺ T-cell response and robust cellular and transcriptional immune activation at tumor site in a patient with ovarian cancer. <i>Onc Immunology</i> , 2015, 4, e1017702.	2.1	46
12	Immune cell constitution in bone marrow microenvironment predicts outcome in adult ALL. <i>Leukemia</i> , 2019, 33, 1570-1582.	3.3	43
13	Local treatment of a pleural mesothelioma tumor with ONCOS-102 induces a systemic antitumor CD8 ⁺ T-cell response, prominent infiltration of CD8 ⁺ lymphocytes and Th1 type polarization. <i>Onc Immunology</i> , 2014, 3, e958937.	2.1	39
14	Immune profiles in acute myeloid leukemia bone marrow associate with patient age, T-cell receptor clonality, and survival. <i>Blood Advances</i> , 2020, 4, 274-286.	2.5	38
15	ITGB1-dependent upregulation of Caveolin-1 switches TGF β ² signalling from tumour-suppressive to oncogenic in prostate cancer. <i>Scientific Reports</i> , 2018, 8, 2338.	1.6	29
16	Clonal heterogeneity influences drug responsiveness in renal cancer assessed by <i>ex vivo</i> drug testing of multiple patient-derived cancer cells. <i>International Journal of Cancer</i> , 2019, 144, 1356-1366.	2.3	29
17	Chronic Activation of Innate Immunity Correlates With Poor Prognosis in Cancer Patients Treated With Oncolytic Adenovirus. <i>Molecular Therapy</i> , 2016, 24, 175-183.	3.7	26
18	CDX2 Loss With Microsatellite Stable Phenotype Predicts Poor Clinical Outcome in Stage II Colorectal Carcinoma. <i>American Journal of Surgical Pathology</i> , 2019, 43, 1473-1482.	2.1	25

#	ARTICLE	IF	CITATIONS
19	Spatial immunoprofiling of the intratumoral and peritumoral tissue of renal cell carcinoma patients. <i>Modern Pathology</i> , 2021, 34, 2229-2241.	2.9	25
20	Combined epithelial marker analysis of tumour budding in stage II colorectal cancer. <i>Journal of Pathology: Clinical Research</i> , 2019, 5, 63-78.	1.3	20
21	Spatial aspects of oncogenic signalling determine the response to combination therapy in slice explants from <i>Kras</i> -driven lung tumours. <i>Journal of Pathology</i> , 2018, 245, 101-113.	2.1	19
22	Automated segmentation of blood cells in Giemsa stained digitized thin blood films. <i>Diagnostic Pathology</i> , 2013, 8, .	0.9	16
23	Prognostic implications of tumor-infiltrating T cells in early-stage endometrial cancer. <i>Modern Pathology</i> , 2022, 35, 256-265.	2.9	12
24	Assessment of tumour viability in human lung cancer xenografts with texture-based image analysis. <i>Journal of Clinical Pathology</i> , 2015, 68, 614-621.	1.0	11
25	T-cell Subsets in Peripheral Blood and Tumors of Patients Treated With Oncolytic Adenoviruses. <i>Molecular Therapy</i> , 2015, 23, 964-973.	3.7	11
26	Quantification of Estrogen Receptor-Alpha Expression in Human Breast Carcinomas With a Miniaturized, Low-Cost Digital Microscope: A Comparison with a High-End Whole Slide-Scanner. <i>PLoS ONE</i> , 2015, 10, e0144688.	1.1	10
27	Deep learning for tissue microarray image-based outcome prediction in patients with colorectal cancer. <i>Proceedings of SPIE</i> , 2016, , .	0.8	8
28	Identification of immune cell infiltration in hematoxylin-eosin stained breast cancer samples: texture-based classification of tissue morphologies. <i>Proceedings of SPIE</i> , 2016, , .	0.8	5
29	An open-source, MATLAB based annotation tool for virtual slides. <i>Diagnostic Pathology</i> , 2013, 8, .	0.9	2
30	Stromal FAP Expression is Associated with MRI Visibility and Patient Survival in Prostate Cancer. <i>Cancer Research Communications</i> , 2022, 2, 172-181.	0.7	2
31	Abstract 673: Exploration of tissue morphologies in breast cancer samples using unsupervised machine learning. <i>Cancer Research</i> , 2017, 77, 673-673.	0.4	1
32	Local immunotherapy with ONCOS-102 shapes harmful tumor associated CD68+ macrophages to become beneficial cells that correlate with increased overall survival. , 2015, 3, O16.		0
33	Precision systems medicine in urological Tumors – Molecular profiling and functional testing. <i>Annals of Oncology</i> , 2017, 28, vii2.	0.6	0
34	Immune Cell Profiling in CML Bone Marrow By Multiplex Immunohistochemistry. <i>Blood</i> , 2016, 128, 1897-1897.	0.6	0
35	Quantitative Multiplex Immunohistochemistry Identifies Immunosuppression in the AML Bone Marrow and NK-Cells As Prognostic Biomarker in Intermediate-Risk Patients. <i>Blood</i> , 2018, 132, 2774-2774.	0.6	0