Riku Turkki

List of Publications by Year
in descending order

35 papers	1,744 citations	430874 18 h-index	454955 30 g-index
36 all docs	36 docs citations	36 times ranked	3272 citing authors

#	Article	IF	Citations
1	Deep learning based tissue analysis predicts outcome in colorectal cancer. Scientific Reports, 2018, 8, 3395.	3.3	450
2	Phase I study with ONCOS-102 for the treatment of solid tumors â€“ 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. Scientific Reports, 2017, 7, 15580.	3.3	120
4	Identification of tumor epithelium and stroma in tissue microarrays using texture analysis. Diagnostic Pathology, 2012, 7, 22.	2.0	119
5	Capturing complex tumour biology in vitro: histological and molecular characterisation of precision cut slices. Scientific Reports, 2015, 5, 17187.	3.3	98
6	A Malaria Diagnostic Tool Based on Computer Vision Screening and Visualization of Plasmodium falciparum Candidate Areas in Digitized Blood Smears. PLoS ONE, 2014, 9, e104855.	2.5	88
7	Breast cancer outcome prediction with tumour tissue images and machine learning. Breast Cancer Research and Treatment, 2019, 177, 41-52.	2.5	80
8	Antibody-supervised deep learning for quantification of tumor-infiltrating immune cells in hematoxylin and eosin stained breast cancer samples. Journal of Pathology Informatics, 2016, 7, 38.	1.7	78
9	Immune cell contexture in the bone marrow tumor microenvironment impacts therapy response in CML. Leukemia, 2018, 32, 1643-1656.	7.2	75
10	Immunological data from cancer patients treated with Ad5/3-E2F-Î”24-GMCSF suggests utility for tumor immunotherapy. Oncotarget, 2015, 6, 4467-4481.	1.8	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. OncoImmunology, 2015, 4, e1017702.	4.6	46
12	Immune cell constitution in bone marrow microenvironment predicts outcome in adult ALL. Leukemia, 2019, 33, 1570-1582.	7.2	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. OncoImmunology, 2014, 3, e958937.	4.6	39
14	Immune profiles in acute myeloid leukemia bone marrow associate with patient age, T-cell receptor clonality, and survival. Blood Advances, 2020, 4, 274-286.	5.2	38
15	ITGB1-dependent upregulation of Caveolin-1 switches TGFÎ² signalling from tumour-suppressive to oncogenic in prostate cancer. Scientific Reports, 2018, 8, 2338.	3.3	29
16	Clonal heterogeneity influences drug responsiveness in renal cancer assessed by ex vivo drug testing of multiple patientâ€derived cancer cells. International Journal of Cancer, 2019, 144, 1356-1366.	5.1	29
17	Chronic Activation of Innate Immunity Correlates With Poor Prognosis in Cancer Patients Treated With Oncolytic Adenovirus. Molecular Therapy, 2016, 24, 175-183.	8.2	26
18	CDX2 Loss With Microsatellite Stable Phenotype Predicts Poor Clinical Outcome in Stage II Colorectal Carcinoma. American Journal of Surgical Pathology, 2019, 43, 1473-1482.	3.7	25

#	Article	IF	Citations
19	Spatial immunoprofiling of the intratumoral and peritumoral tissue of renal cell carcinoma patients. Modern Pathology, 2021, 34, 2229-2241.	5.5	25
20	Combined epithelial marker analysis of tumour budding in stage II colorectal cancer. Journal of Pathology: Clinical Research, 2019, 5, 63-78.	3.0	20
21	Spatial aspects of oncogenic signalling determine the response to combination therapy in slice explants from Krasâ€driven lung tumours. Journal of Pathology, 2018, 245, 101-113.	4.5	19
22	Automated segmentation of blood cells in Giemsa stained digitized thin blood films. Diagnostic Pathology, 2013, 8, .	2.0	16
23	Prognostic implications of tumor-infiltrating T cells in early-stage endometrial cancer. Modern Pathology, 2022, 35, 256-265.	5.5	12
24	Assessment of tumour viability in human lung cancer xenografts with texture-based image analysis. Journal of Clinical Pathology, 2015, 68, 614-621.	2.0	11
25	T-cell Subsets in Peripheral Blood and Tumors of Patients Treated With Oncolytic Adenoviruses. Molecular Therapy, 2015, 23, 964-973.	8.2	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. PLoS ONE, 2015, 10, e0144688.	2.5	10
27	Deep learning for tissue microarray image-based outcome prediction in patients with colorectal cancer. Proceedings of SPIE, 2016, , .	0.8	8
28	Identification of immune cell infiltration in hematoxylin-eosin stained breast cancer samples: texture-based classification of tissue morphologies. Proceedings of SPIE, 2016, , .	0.8	5
29	An open-source, MATLAB based annotation tool for virtual slides. Diagnostic Pathology, 2013, 8, .	2.0	2
30	Stromal FAP Expression is Associated with MRI Visibility and Patient Survival in Prostate Cancer. Cancer Research Communications, 2022, 2, 172-181.	1.7	2
31	Abstract 673: Exploration of tissue morphologies in breast cancer samples using unsupervised machine learning. Cancer Research, 2017, 77, 673-673.	0.9	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 â€“ Molecular profiling and functional testing. Annals of Oncology, 2017, 28, vii2.	1.2	0
34	Immune Cell Profiling in CML Bone Marrow By Multiplex Immunohistochemistry. Blood, 2016, 128, 1897-1897.	1.4	0
35	Quantitative Multiplex Immunohistochemistry Identifies Immunosuppression in the AML Bone Marrow and NK-Cells As Prognostic Biomarker in Intermediate-Risk Patients. Blood, 2018, 132, 2774-2774.	1.4	0