

Markus J MÃ¤kinen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6797952/publications.pdf>

Version: 2024-02-01

77
papers

2,763
citations

159585

30
h-index

189892

50
g-index

80
all docs

80
docs citations

80
times ranked

4735
citing authors

#	ARTICLE	IF	CITATIONS
1	Germline CDKN1B/p27Kip1 Mutation in Multiple Endocrine Neoplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3321-3325.	3.6	262
2	Molecular diagnosis of pituitary adenoma predisposition caused by aryl hydrocarbon receptor-interacting protein gene mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4101-4105.	7.1	173
3	Systemic inflammation in colorectal cancer: Underlying factors, effects, and prognostic significance. <i>World Journal of Gastroenterology</i> , 2019, 25, 4383-4404.	3.3	160
4	Morphology and microsatellite instability in sporadic serrated and non-serrated colorectal cancer. <i>Journal of Pathology</i> , 2005, 207, 285-294.	4.5	117
5	Endostatin Overexpression Inhibits Lymphangiogenesis and Lymph Node Metastasis in Mice. <i>Cancer Research</i> , 2007, 67, 11528-11535.	0.9	113
6	Characteristics and significance of colorectal cancer associated lymphoid reaction. <i>International Journal of Cancer</i> , 2014, 134, 2126-2135.	5.1	91
7	Preoperative anemia in colorectal cancer: relationships with tumor characteristics, systemic inflammation, and survival. <i>Scientific Reports</i> , 2018, 8, 1126.	3.3	90
8	Clinicopathologic study of 85 colorectal serrated adenocarcinomas: further insights into the full recognition of a new subset of colorectal carcinoma. <i>Human Pathology</i> , 2010, 41, 1359-1368.	2.0	89
9	An improved image analysis method for cell counting lends credibility to the prognostic significance of T cells in colorectal cancer. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2012, 460, 455-465.	2.8	83
10	<i>Aryl hydrocarbon receptor interacting protein</i> (<i>AIP</i>) gene mutation analysis in children and adolescents with sporadic pituitary adenomas. <i>Clinical Endocrinology</i> , 2008, 69, 621-627.	2.4	80
11	Decreased serum apolipoprotein A1 levels are associated with poor survival and systemic inflammatory response in colorectal cancer. <i>Scientific Reports</i> , 2017, 7, 5374.	3.3	79
12	Exome sequencing reveals germline NPAT mutation as a candidate risk factor for Hodgkin lymphoma. <i>Blood</i> , 2011, 118, 493-498.	1.4	78
13	Frequent mutations of KRAS in addition to BRAF in colorectal serrated adenocarcinoma. <i>Histopathology</i> , 2011, 58, 679-692.	2.9	78
14	Impact of constitutional TET2 haploinsufficiency on molecular and clinical phenotype in humans. <i>Nature Communications</i> , 2019, 10, 1252.	12.8	67
15	Prognostic and predictive role of tumour-associated macrophages in HER2 positive breast cancer. <i>Scientific Reports</i> , 2019, 9, 10961.	3.3	63
16	The Expression of AIP-Related Molecules in Elucidation of Cellular Pathways in Pituitary Adenomas. <i>American Journal of Pathology</i> , 2009, 175, 2501-2507.	3.8	61
17	Serum MMP-8 levels increase in colorectal cancer and correlate with disease course and inflammatory properties of primary tumors. <i>International Journal of Cancer</i> , 2012, 131, E463-74.	5.1	55
18	Clinical impact and network of determinants of tumour necrosis in colorectal cancer. <i>British Journal of Cancer</i> , 2016, 114, 1334-1342.	6.4	55

#	ARTICLE	IF	CITATIONS
19	Alterations in serum amino-acid profile in the progression of colorectal cancer: associations with systemic inflammation, tumour stage and patient survival. <i>British Journal of Cancer</i> , 2019, 120, 238-246.	6.4	54
20	High Familial Risk in Nodular Lymphocyte-Predominant Hodgkin Lymphoma. <i>Journal of Clinical Oncology</i> , 2013, 31, 938-943.	1.6	51
21	The relationships between serum cytokine levels and tumor infiltrating immune cells and their clinical significance in colorectal cancer. <i>International Journal of Cancer</i> , 2016, 139, 112-121.	5.1	48
22	Tumour budding and other prognostic pathological features at invasive margins in serrated colorectal adenocarcinoma: a comparative study with conventional carcinoma. <i>Histopathology</i> , 2011, 59, 1046-1056.	2.9	46
23	High-serum MMP-8 levels are associated with decreased survival and systemic inflammation in colorectal cancer. <i>British Journal of Cancer</i> , 2018, 119, 213-219.	6.4	45
24	Collagen XVII expression correlates with the invasion and metastasis of colorectal cancer. <i>Human Pathology</i> , 2015, 46, 434-442.	2.0	44
25	Î ² integrin serves as a novel serum tumor marker for colorectal carcinoma. <i>International Journal of Cancer</i> , 2019, 145, 678-685.	5.1	42
26	Hypocholesterolemic Effect of the Lignin-Rich Insoluble Residue of Brewer's Spent Grain in Mice Fed a High-Fat Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1104-1114.	5.2	37
27	No evidence of RET germline mutations in familial pituitary adenoma. <i>Journal of Molecular Endocrinology</i> , 2011, 46, 1-8.	2.5	35
28	Significant Role of Collagen XVII And Integrin Î ²⁴ in Migration and Invasion of The Less Aggressive Squamous Cell Carcinoma Cells. <i>Scientific Reports</i> , 2017, 7, 45057.	3.3	32
29	Appendicolith appendicitis is clinically complicated acute appendicitis—is it histopathologically different from uncomplicated acute appendicitis. <i>International Journal of Colorectal Disease</i> , 2019, 34, 1393-1400.	2.2	32
30	Annexin A10 is a marker for the serrated pathway of colorectal carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2015, 466, 5-12.	2.8	31
31	Effect of the fat composition of a single high-fat meal on inflammatory markers in healthy young women. <i>British Journal of Nutrition</i> , 2011, 106, 1826-1835.	2.3	30
32	Immunohistochemical expression profile of Î ² -catenin, E-cadherin, P-cadherin, laminin-5Î ³² chain, and SMAD4 in colorectal serrated adenocarcinoma. <i>Human Pathology</i> , 2012, 43, 1094-1102.	2.0	29
33	VE1 immunohistochemistry accurately detects BRAF V600E mutations in colorectal carcinoma and can be utilized in the detection of poorly differentiated colorectal serrated adenocarcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014, 464, 637-643.	2.8	23
34	Divergent expression of bacterial wall sensing Toll-like receptors 2 and 4 in colorectal cancer. <i>World Journal of Gastroenterology</i> , 2017, 23, 4831.	3.3	23
35	Increased HIF1Î± in SDH and FH deficient tumors does not cause microsatellite instability. <i>International Journal of Cancer</i> , 2007, 121, 1386-1389.	5.1	21
36	Methylome profiling reveals functions and genes which are differentially methylated in serrated compared to conventional colorectal carcinoma. <i>Clinical Epigenetics</i> , 2015, 7, 101.	4.1	21

#	ARTICLE	IF	CITATIONS
37	Prognostic and predictive role of spatially positioned tumour infiltrating lymphocytes in metastatic HER2 positive breast cancer treated with trastuzumab. <i>Scientific Reports</i> , 2017, 7, 18027.	3.3	21
38	Characteristics and Outcomes of 79 Patients with an Insulinoma: A Nationwide Retrospective Study in Finland. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-10.	1.5	20
39	Decreased preoperative serum 25-Hydroxyvitamin D levels in colorectal cancer are associated with systemic inflammation and serrated morphology. <i>Scientific Reports</i> , 2016, 6, 36519.	3.3	18
40	Mlh1 deficiency in normal mouse colon mucosa associates with chromosomally unstable colon cancer. <i>Carcinogenesis</i> , 2018, 39, 788-797.	2.8	18
41	Gremlin1 expression associates with serrated pathway and favourable prognosis in colorectal cancer. <i>Histopathology</i> , 2016, 69, 831-838.	2.9	16
42	Platelet count, aspirin use, and characteristics of host inflammatory responses in colorectal cancer. <i>Journal of Translational Medicine</i> , 2019, 17, 199.	4.4	16
43	KRAS-G12C Mutation in One Real-Life and Three Population-Based Nordic Cohorts of Metastatic Colorectal Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 826073.	2.8	15
44	High frequency of TTK mutations in microsatellite-unstable colorectal cancer and evaluation of their effect on spindle assembly checkpoint. <i>Carcinogenesis</i> , 2011, 32, 305-311.	2.8	14
45	Vitamin D Deficiency Induces Insulin Resistance and Reâ€Supplementation Attenuates Hepatic Glucose Output via the PI3Kâ€AKTâ€FOXO1 Mediated Pathway. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1900728.	3.3	14
46	Prognostic significance of spatial and density analysis of T lymphocytes in colorectal cancer. <i>British Journal of Cancer</i> , 2022, 127, 514-523.	6.4	14
47	Serum TLR2 and TLR4 levels in colorectal cancer and their association with systemic inflammatory markers, tumor characteristics, and disease outcome. <i>Apmis</i> , 2019, 127, 561-569.	2.0	13
48	Two histologically colorectal carcinomas subsets from the serrated pathway show different methylome signatures and diagnostic biomarkers. <i>Clinical Epigenetics</i> , 2018, 10, 141.	4.1	12
49	HIF-1Î± expression and high microvessel density are characteristic features in serrated colorectal cancer. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016, 469, 395-404.	2.8	11
50	Serological Biomarker Panel in Diagnosis of Atrophic Gastritis and <i>Helicobacter pylori</i> Infection in Gastroscopy Referral Patients: Clinical Validation of the New-Generation GastroPanel [®] Test. <i>Anticancer Research</i> , 2021, 41, 5527-5537.	1.1	11
51	Micropapillary Structures in Colorectal Cancer: An Anoikis-resistant Subpopulation. <i>Anticancer Research</i> , 2018, 38, 2915-2921.	1.1	10
52	ColPortal, an integrative multiomic platform for analysing epigenetic interactions in colorectal cancer. <i>Scientific Data</i> , 2019, 6, 255.	5.3	9
53	A Family With A20 Haploinsufficiency Presenting With Novel Clinical Manifestations and Challenges for Treatment. <i>Journal of Clinical Rheumatology</i> , 2021, 27, e583-e587.	0.9	9
54	KRAS and BRAF mutations induce anoikis resistance and characteristic 3D phenotypes in Cacoâ€2 cells. <i>Molecular Medicine Reports</i> , 2019, 20, 4634-4644.	2.4	8

#	ARTICLE	IF	CITATIONS
55	Systemic inflammation is associated with circulating cell death released keratin 18 fragments in colorectal cancer. <i>Oncolmmunology</i> , 2020, 9, 1783046.	4.6	8
56	Ectopic crypt foci in conventional and serrated colorectal polyps. <i>Journal of Clinical Pathology</i> , 2016, 69, 1063-1069.	2.0	7
57	Treatment response of colorectal cancer liver metastases to neoadjuvant or conversion therapy: a prospective multicentre follow-up study using MRI, diffusion-weighted imaging and 1H-MR spectroscopy compared with histology (subgroup in the RAXO trial). <i>ESMO Open</i> , 2021, 6, 100208.	4.5	7
58	SLC4A2 anion exchanger promotes tumour cell malignancy via enhancing net acid efflux across golgi membranes. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6283-6304.	5.4	6
59	Downregulation of the hedgehog receptor PTCH1 in colorectal serrated adenocarcinomas is not caused by PTCH1 mutations. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2011, 458, 213-219.	2.8	5
60	Tumoral Expression of CD 44 and HIF 1 α Predict Stage I Oral Cavity Squamous Cell Carcinoma Outcome. <i>Laryngoscope Investigative Otolaryngology</i> , 2016, 1, 6-12.	1.5	5
61	Putative anoikis-resistant subpopulations in colorectal carcinoma: a marker of adverse prognosis. <i>Apmis</i> , 2020, 128, 390-400.	2.0	5
62	Serrated polyps and colorectal cancer risk. <i>Colorectal Cancer</i> , 2014, 3, 77-91.	0.8	4
63	Germline MSH6 Mutation in a Patient With Two Independent Primary Glioblastomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 848-853.	1.7	4
64	Serum enterolactone concentrations are low in colon but not in rectal cancer patients. <i>Scientific Reports</i> , 2019, 9, 11209.	3.3	4
65	Resectability, conversion, metastasectomy and outcome according to RAS and BRAF status for metastatic colorectal cancer in the prospective RAXO study. <i>British Journal of Cancer</i> , 2022, 127, 686-694.	6.4	4
66	Seasonal Regulation of Metabolism: The Effect of Wintertime Fasting and Autumnal Fattening on Key Central Regulators of Metabolism and the Metabolic Profile of the Raccoon Dog (<i>Nyctereutes</i>) <i>Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 297</i>		
67	Immune cell profiles of metastatic HER2-positive breast cancer patients according to the sites of metastasis. <i>Breast Cancer Research and Treatment</i> , 2022, 191, 443-450.	2.5	3
68	Compound traditional serrated adenoma and sessile serrated adenoma. <i>Journal of Clinical Pathology</i> , 2016, 69, 745-746.	2.0	2
69	Regulatory mechanisms of T cell activation—From basic research discoveries to a new principle of cancer therapy and the Nobel Prize. <i>Acta Physiologica</i> , 2019, 225, e13224.	3.8	2
70	Resectability, conversion and resections rates, and outcomes in <i>RAS</i> and <i>BRAF</i> wildtype (wt), <i>RAS</i> mutant (mt) and <i>BRAF</i> /mt metastatic colorectal cancer (mCRC) subgroups in the prospective Finnish RAXO-study. <i>Journal of Clinical Oncology</i> , 2021, 39, 3532-3532.	1.6	2
71	Sarcopenia and Myosteatosis Are Associated with Neutrophil to Lymphocyte Ratio but Not Glasgow Prognostic Score in Colorectal Cancer Patients. <i>Journal of Clinical Medicine</i> , 2022, 11, 2656.	2.4	2
72	Global Methylome Scores Correlate with Histological Subtypes of Colorectal Carcinoma and Show Different Associations with Common Clinical and Molecular Features. <i>Cancers</i> , 2021, 13, 5165.	3.7	0

#	ARTICLE	IF	CITATIONS
73	Abstract LB-121: Serrated colorectal adenocarcinoma: Specific copy number alterations. , 2010, , .		0
74	Abstract 2853: Apoptosis and proliferation in micropapillary structures of colorectal polyps and carcinomas. , 2016, , .		0
75	Abstract 1791: Spatially positioned tumor infiltrating lymphocytes predict survival in metastaticHER2positive breast cancer treated with trastuzumab. , 2017, , .		0
76	Insoluble Fraction from Brewer's Spent Grain reduces hypercholesterolemia in Mice fed a Western style Diet. FASEB Journal, 2018, 32, .	0.5	0
77	Reversal of Cancer Cell Invasiveness Via Reprogramming Their Golgi pH Homeostasis. SSRN Electronic Journal, 0, , .	0.4	0