

Markus J MÃ¤kinen

List of Publications by Year in descending order

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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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 ETQq1 1 0.784314.rgBT /Overlock 107</i> | | |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Vitamin D Deficiency Induces Insulin Resistance and Re [®] Supplementation Attenuates Hepatic Glucose Output via the PI3K [®] AKT [®] FOXO1 Mediated Pathway. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1900728. | 3.3 | 14 |
| 14 | Systemic inflammation is associated with circulating cell death released keratin 18 fragments in colorectal cancer. <i>Oncolmmunology</i> , 2020, 9, 1783046. | 4.6 | 8 |
| 15 | Putative anoikis [®] resistant subpopulations in colorectal carcinoma: a marker of adverse prognosis. <i>Apmis</i> , 2020, 128, 390-400. | 2.0 | 5 |
| 16 | Serum enterolactone concentrations are low in colon but not in rectal cancer patients. <i>Scientific Reports</i> , 2019, 9, 11209. | 3.3 | 4 |
| 17 | Prognostic and predictive role of tumour-associated macrophages in HER2 positive breast cancer. <i>Scientific Reports</i> , 2019, 9, 10961. | 3.3 | 63 |
| 18 | Appendicolith appendicitis is clinically complicated acute appendicitis [®] is histopathologically different from uncomplicated acute appendicitis. <i>International Journal of Colorectal Disease</i> , 2019, 34, 1393-1400. | 2.2 | 32 |

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|----|---|------|-----------|
| 19 | ColPortal, an integrative multiomic platform for analysing epigenetic interactions in colorectal cancer. <i>Scientific Data</i> , 2019, 6, 255. | 5.3 | 9 |
| 20 | KRAS and BRAF mutations induce anoikis resistance and characteristic 3D phenotypes in Caco-2 cells. <i>Molecular Medicine Reports</i> , 2019, 20, 4634-4644. | 2.4 | 8 |
| 21 | 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 |
| 22 | 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 |
| 23 | Impact of constitutional TET2 haploinsufficiency on molecular and clinical phenotype in humans. <i>Nature Communications</i> , 2019, 10, 1252. | 12.8 | 67 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Î ₂ Î ₆ 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 |
| 28 | Systemic inflammation in colorectal cancer: Underlying factors, effects, and prognostic significance. <i>World Journal of Gastroenterology</i> , 2019, 25, 4383-4404. | 3.3 | 160 |
| 29 | Preoperative anemia in colorectal cancer: relationships with tumor characteristics, systemic inflammation, and survival. <i>Scientific Reports</i> , 2018, 8, 1126. | 3.3 | 90 |
| 30 | Mlh1 deficiency in normal mouse colon mucosa associates with chromosomally unstable colon cancer. <i>Carcinogenesis</i> , 2018, 39, 788-797. | 2.8 | 18 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Micropapillary Structures in Colorectal Cancer: An Anoikis-resistant Subpopulation. <i>Anticancer Research</i> , 2018, 38, 2915-2921. | 1.1 | 10 |
| 35 | Insoluble Fraction from Brewer's Spent Grain reduces hypercholesterolemia in Mice fed a Western style Diet. <i>FASEB Journal</i> , 2018, 32, . | 0.5 | 0 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Abstract 1791: Spatially positioned tumor infiltrating lymphocytes predict survival in metastatic HER2 positive breast cancer treated with trastuzumab. , 2017, , . | | 0 |
| 42 | Gremlin1 expression associates with serrated pathway and favourable prognosis in colorectal cancer. <i>Histopathology</i> , 2016, 69, 831-838. | 2.9 | 16 |
| 43 | 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 |
| 44 | Ectopic crypt foci in conventional and serrated colorectal polyps. <i>Journal of Clinical Pathology</i> , 2016, 69, 1063-1069. | 2.0 | 7 |
| 45 | Compound traditional serrated adenoma and sessile serrated adenoma. <i>Journal of Clinical Pathology</i> , 2016, 69, 745-746. | 2.0 | 2 |
| 46 | Tumoral Expression of CD 44 and HIF 1 \pm Predict Stage I Oral Cavity Squamous Cell Carcinoma Outcome. <i>Laryngoscope Investigative Otolaryngology</i> , 2016, 1, 6-12. | 1.5 | 5 |
| 47 | HIF-1 \pm 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | Abstract 2853: Apoptosis and proliferation in micropapillary structures of colorectal polyps and carcinomas. , 2016, , . | | 0 |
| 51 | 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 |
| 52 | 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 |
| 53 | Collagen XVII expression correlates with the invasion and metastasis of colorectal cancer. <i>Human Pathology</i> , 2015, 46, 434-442. | 2.0 | 44 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | Serrated polyps and colorectal cancer risk. <i>Colorectal Cancer</i> , 2014, 3, 77-91. | 0.8 | 4 |
| 56 | Characteristics and significance of colorectal cancer associated lymphoid reaction. <i>International Journal of Cancer</i> , 2014, 134, 2126-2135. | 5.1 | 91 |
| 57 | High Familial Risk in Nodular Lymphocyte-Predominant Hodgkin Lymphoma. <i>Journal of Clinical Oncology</i> , 2013, 31, 938-943. | 1.6 | 51 |
| 58 | Immunohistochemical expression profile of β -catenin, E-cadherin, P-cadherin, laminin-5 γ 2 chain, and SMAD4 in colorectal serrated adenocarcinoma. <i>Human Pathology</i> , 2012, 43, 1094-1102. | 2.0 | 29 |
| 59 | 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 |
| 60 | 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 |
| 61 | Exome sequencing reveals germline NPAT mutation as a candidate risk factor for Hodgkin lymphoma. <i>Blood</i> , 2011, 118, 493-498. | 1.4 | 78 |
| 62 | 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 |
| 63 | Frequent mutations of KRAS in addition to BRAF in colorectal serrated adenocarcinoma. <i>Histopathology</i> , 2011, 58, 679-692. | 2.9 | 78 |
| 64 | 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 |
| 65 | 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 |
| 66 | No evidence of RET germline mutations in familial pituitary adenoma. <i>Journal of Molecular Endocrinology</i> , 2011, 46, 1-8. | 2.5 | 35 |
| 67 | 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 |
| 68 | 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 |
| 69 | Abstract LB-121: Serrated colorectal adenocarcinoma: Specific copy number alterations. , 2010, , . | | 0 |
| 70 | 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 |
| 71 | Aryl hydrocarbon receptor interacting protein (AIP) gene mutation analysis in children and adolescents with sporadic pituitary adenomas. <i>Clinical Endocrinology</i> , 2008, 69, 621-627. | 2.4 | 80 |
| 72 | 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 |

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|----|--|-----|-----------|
| 73 | Germline CDKN1B/p27Kip1 Mutation in Multiple Endocrine Neoplasia. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3321-3325. | 3.6 | 262 |
| 74 | Endostatin Overexpression Inhibits Lymphangiogenesis and Lymph Node Metastasis in Mice. Cancer Research, 2007, 67, 11528-11535. | 0.9 | 113 |
| 75 | Increased HIF1 α in SDH and FH deficient tumors does not cause microsatellite instability. International Journal of Cancer, 2007, 121, 1386-1389. | 5.1 | 21 |
| 76 | Morphology and microsatellite instability in sporadic serrated and non-serrated colorectal cancer. Journal of Pathology, 2005, 207, 285-294. | 4.5 | 117 |
| 77 | Reversal of Cancer Cell Invasiveness Via Reprogramming Their Golgi pH Homeostasis. SSRN Electronic Journal, 0, , . | 0.4 | 0 |