Jukka-Pekka Mecklin

List of Publications by Citations

192 papers	19,296 citations	64 h-index	137 g-index
205 ext. papers	21,699 ext. citations	8.4 avg, IF	5.8 L-index

#	Paper	IF	Citations
192	Mutations of a mutS homolog in hereditary nonpolyposis colorectal cancer. *Cell*, **1993**, 75, 1215-25	56.2	1954
191	Mutation of a mutL homolog in hereditary colon cancer. *Science*, **1994**, 263, 1625-9	33.3	1661
190	Incidence of hereditary nonpolyposis colorectal cancer and the feasibility of molecular screening for the disease. *New England Journal of Medicine*, **1998**, 338, 1481-7	59.2	928
189	Cancer risk in mutation carriers of DNA-mismatch-repair genes. *International Journal of Cancer*, **1999**, 81, 214-8	7.5	905
188	Long-term effect of aspirin on cancer risk in carriers of hereditary colorectal cancer: an analysis from the CAPP2 randomised controlled trial. *Lancet, The*, **2011**, 378, 2081-7	40	715
187	Life-time risk of different cancers in hereditary non-polyposis colorectal cancer (HNPCC) syndrome. *International Journal of Cancer*, **1995**, 64, 430-3	7.5	503
186	Revised guidelines for the clinical management of Lynch syndrome (HNPCC): recommendations by a group of European experts. *Gut*, **2013**, 62, 812-23	19.2	500
185	The common colorectal cancer predisposition SNP rs6983267 at chromosome 8q24 confers potential to enhanced Wnt signaling. *Nature Genetics*, **2009**, 41, 885-90	36.3	422
184	Screening reduces colorectal cancer rate in families with hereditary nonpolyposis colorectal cancer. *Gastroenterology*, **1995**, 108, 1405-11	13.3	420
183	The risk of extra-colonic, extra-endometrial cancer in the Lynch syndrome. *International Journal of Cancer*, **2008**, 123, 444-449	7.5	417
182	Population-based molecular detection of hereditary nonpolyposis colorectal cancer. *Journal of Clinical Oncology*, **2000**, 18, 2193-200	2.2	414
181	Antibiotic Therapy vs Appendectomy for Treatment of Uncomplicated Acute Appendicitis: The APPAC Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2015**, 313, 2340-8	27.4	376
180	Cancer risk in hereditary nonpolyposis colorectal cancer syndrome: later age of onset. *Gastroenterology*, **2005**, 129, 415-21	13.3	312
179	Early-onset renal cell carcinoma as a novel extraparaganglial component of SDHB-associated heritable paraganglioma. *American Journal of Human Genetics*, **2004**, 74, 153-9	11	311
178	Cancer incidence and survival in Lynch syndrome patients receiving colonoscopic and gynaecological surveillance: first report from the prospective Lynch syndrome database. *Gut*, **2017**, 66, 464-472	19.2	291
177	CTCF/cohesin-binding sites are frequently mutated in cancer. *Nature Genetics*, **2015**, 47, 818-21	36.3	286
176	Loss of the wild type MLH1 gene is a feature of hereditary nonpolyposis colorectal cancer. *Nature Genetics*, **1994**, 8, 405-10	36.3	281

175	Cancer Risk in Hereditary Nonpolyposis Colorectal Cancer Syndrome: Later Age of Onset. *Gastroenterology*, **2005**, 129, 415-421	13.3	263
174	Cancer risk and survival in carriers by gene and gender up to 75 years of age: a report from the Prospective Lynch Syndrome Database. *Gut*, **2018**, 67, 1306-1316	19.2	259
173	Founding mutations and Alu-mediated recombination in hereditary colon cancer. *Nature Medicine*, **1995**, 1, 1203-6	50.5	254
172	Frequency of hereditary colorectal carcinoma. *Gastroenterology*, **1987**, 93, 1021-5	13.3	237
171	Effect of aspirin or resistant starch on colorectal neoplasia in the Lynch syndrome. *New England Journal of Medicine*, **2008**, 359, 2567-78	59.2	228
170	Ten years after mutation testing for Lynch syndrome: cancer incidence and outcome in mutation-positive and mutation-negative family members. *Journal of Clinical Oncology*, **2009**, 27, 4793-7	2.2	209
169	Germline mutations in BMPR1A/ALK3 cause a subset of cases of juvenile polyposis syndrome and of Cowden and Bannayan-Riley-Ruvalcaba syndromes. *American Journal of Human Genetics*, **2001**, 69, 704-11	11	208
168	The clinical features of ovarian cancer in hereditary nonpolyposis colorectal cancer. *Gynecologic Oncology*, **2001**, 82, 223-8	4.9	193
167	Common variation near CDKN1A, POLD3 and SHROOM2 influences colorectal cancer risk. *Nature Genetics*, **2012**, 44, 770-6	36.3	184
166	Five-Year Follow-up of Antibiotic Therapy for Uncomplicated Acute Appendicitis in the APPAC Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2018**, 320, 1259-1265	27.4	171
165	Cancer risks by gene, age, and gender in 6350 carriers of pathogenic mismatch repair variants: findings from the Prospective Lynch Syndrome Database. *Genetics in Medicine*, **2020**, 22, 15-25	8.1	164
164	Clinical features of colorectal carcinoma in cancer family syndrome. *Diseases of the Colon and Rectum*, **1986**, 29, 160-4	3.1	155
163	SMAD4 as a prognostic marker in colorectal cancer. *Clinical Cancer Research*, **2005**, 11, 2606-11	12.9	149
162	Explaining the familial colorectal cancer risk associated with mismatch repair (MMR)-deficient and MMR-stable tumors. *Clinical Cancer Research*, **2007**, 13, 356-61	12.9	145
161	Biallelic inactivation of fumarate hydratase (FH) occurs in nonsyndromic uterine leiomyomas but is rare in other tumors. *American Journal of Pathology*, **2004**, 164, 17-22	5.8	143
160	Surveillance for endometrial cancer in hereditary nonpolyposis colorectal cancer syndrome. *International Journal of Cancer*, **2007**, 120, 821-4	7.5	139
159	Gastroesophageal reflux disease: prevalence, clinical, endoscopic and histopathological findings in 1,128 consecutive patients referred for endoscopy due to dyspeptic and reflux symptoms. *Digestion*, **2000**, 61, 6-13	3.6	137
158	Features of gastric cancer in hereditary non-polyposis colorectal cancer syndrome. *International Journal of Cancer*, **1997**, 74, 551-5	7.5	124

157	Histopathology of colorectal carcinomas and adenomas in cancer family syndrome. *Diseases of the Colon and Rectum*, **1986**, 29, 849-53	3.1	123
156	Low-level microsatellite instability in most colorectal carcinomas. *Cancer Research*, **2002**, 62, 1166-70	10.1	122
155	Proportion and phenotype of MYH-associated colorectal neoplasia in a population-based series of Finnish colorectal cancer patients. *American Journal of Pathology*, **2003**, 163, 827-32	5.8	117
154	Germline mutation of RPS20, encoding a ribosomal protein, causes predisposition to hereditary nonpolyposis colorectal carcinoma without DNA mismatch repair deficiency. *Gastroenterology*, **2014**, 147, 595-598.e5	13.3	114
153	Development of colorectal tumors in colonoscopic surveillance in Lynch syndrome. *Gastroenterology*, **2007**, 133, 1093-8	13.3	110
152	Gene-expression profiling predicts recurrence in DukesRC colorectal cancer. *Gastroenterology*, **2005** , 129, 874-84	13.3	106
151	Cancer family syndrome. *Gastroenterology*, **1986**, 90, 328-333	13.3	102
150	Predictive genetic testing for hereditary non-polyposis colorectal cancer: Uptake and long-term satisfaction. *International Journal of Cancer*, **2000**, 89, 44-50	7.5	100
149	Psychological consequences of predictive genetic testing for hereditary non-polyposis colorectal cancer (HNPCC): a prospective follow-up study. *International Journal of Cancer*, **2001**, 93, 608-11	7.5	95
148	Diploid predominance in hereditary nonpolyposis colorectal carcinoma evaluated by flow cytometry. *Cancer*, **1990**, 65, 1825-9	6.4	89
147	Follow-up of patients operated on for colorectal carcinoma. *American Journal of Surgery*, **1990**, 159, 593-6	2.7	89
146	Cancer prevention with aspirin in hereditary colorectal cancer (Lynch syndrome), 10-year follow-up and registry-based 20-year data in the CAPP2 study: a double-blind, randomised, placebo-controlled trial. *Lancet, The*, **2020**, 395, 1855-1863	40	88
145	Incidence of and survival after subsequent cancers in carriers of pathogenic MMR variants with previous cancer: a report from the prospective Lynch syndrome database. *Gut*, **2017**, 66, 1657-1664	19.2	87
144	Microsatellite instability in adenomas as a marker for hereditary nonpolyposis colorectal cancer. *American Journal of Pathology*, **1999**, 155, 1849-53	5.8	84
143	Association analyses identify 31 new risk loci for colorectal cancer susceptibility. *Nature Communications*, **2019**, 10, 2154	17.4	81
142	Exome sequencing reveals frequent inactivating mutations in ARID1A, ARID1B, ARID2 and ARID4A in microsatellite unstable colorectal cancer. *International Journal of Cancer*, **2014**, 135, 611-23	7.5	80
141	The genetics of HNPCC: application to diagnosis and screening. *Critical Reviews in Oncology/Hematology*, **2006**, 58, 208-20	7	79
140	Altered expression of MLH1, MSH2, and MSH6 in predisposition to hereditary nonpolyposis colorectal cancer. *Journal of Clinical Oncology*, **2003**, 21, 3629-37	2.2	79

139	SMAD4 levels and response to 5-fluorouracil in colorectal cancer. *Clinical Cancer Research*, **2005**, 11, 6311-6	12.9	79
138	Candidate driver genes in microsatellite-unstable colorectal cancer. *International Journal of Cancer*, **2012**, 130, 1558-66	7.5	78
137	Surveillance in hereditary nonpolyposis colorectal cancer: an international cooperative study of 165 families. The International Collaborative Group on HNPCC. *Diseases of the Colon and Rectum*, **1993**, 36, 1-4	3.1	76
136	p53 codon 72 and MDM2 SNP309 polymorphisms and age of colorectal cancer onset in Lynch syndrome. *Clinical Cancer Research*, **2005**, 11, 6840-4	12.9	74
135	Obesity, Aspirin, and Risk of Colorectal Cancer in Carriers of Hereditary Colorectal Cancer: A Prospective Investigation in the CAPP2 Study. *Journal of Clinical Oncology*, **2015**, 33, 3591-7	2.2	71
134	Comprehensive characterization of HNPCC-related colorectal cancers reveals striking molecular features in families with no germline mismatch repair gene mutations. *Oncogene*, **2005**, 24, 1542-51	9.2	71
133	Long-term effect of resistant starch on cancer risk in carriers of hereditary colorectal cancer: an analysis from the CAPP2 randomised controlled trial. *Lancet Oncology, The*, **2012**, 13, 1242-9	21.7	70
132	Large genomic rearrangements and germline epimutations in Lynch syndrome. *International Journal of Cancer*, **2009**, 124, 2333-40	7.5	70
131	Molecular analysis of endometrial tumorigenesis: importance of complex hyperplasia regardless of atypia. *Clinical Cancer Research*, **2009**, 15, 5772-83	12.9	69
130	SMAD genes in juvenile polyposis. *Genes Chromosomes and Cancer*, **1999**, 26, 54-61	5	66
129	Unregulated smooth-muscle myosin in human intestinal neoplasia. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 5513-8	11.5	64
128	Allelic imbalance at rs6983267 suggests selection of the risk allele in somatic colorectal tumor evolution. *Cancer Research*, **2008**, 68, 14-7	10.1	64
127	Prognosis of colorectal cancer varies in different high-risk conditions. *Annals of Medicine*, **1998**, 30, 75-80	1.5	63
126	No Difference in Colorectal Cancer Incidence or Stage at Detection by Colonoscopy Among 3 Countries With Different Lynch Syndrome Surveillance Policies. *Gastroenterology*, **2018**, 155, 1400-1409.e2	13.3	62
125	BRAF mutation in sporadic colorectal cancer and Lynch syndrome. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2013**, 463, 613-21	5.1	60
124	Mutations in the circadian gene CLOCK in colorectal cancer. *Molecular Cancer Research*, **2010**, 8, 952-60	6.6	60
123	Eleven candidate susceptibility genes for common familial colorectal cancer. *PLoS Genetics*, **2013**, 9, e1003876	6	57
122	Pro-inflammatory fatty acid profile and colorectal cancer risk: A Mendelian randomisation analysis. *European Journal of Cancer*, **2017**, 84, 228-238	7.5	56

121	Genotype and phenotype in hereditary nonpolyposis colon cancer: a study of families with different vs. shared predisposing mutations. *Familial Cancer*, **2001**, 1, 9-15	3	55
120	Mutations in Exon 1 highlight the role of MED12 in uterine leiomyomas. *Human Mutation*, **2014**, 35, 1136-41	4.1	51
119	Mendelian randomisation implicates hyperlipidaemia as a risk factor for colorectal cancer. *International Journal of Cancer*, **2017**, 140, 2701-2708	7.5	50
118	Frequency of hereditary nonpolyposis colorectal cancer. A prospective multicenter study in Finland. *Diseases of the Colon and Rectum*, **1995**, 38, 588-93	3.1	50
117	Genetic polymorphisms in carcinogen metabolism and their association to hereditary nonpolyposis colon cancer. *Gastroenterology*, **1998**, 115, 1387-94	13.3	48
116	The impact of upper GI endoscopy referral volume on the diagnosis of gastroesophageal reflux disease and its complications: a 1-year cross-sectional study in a referral area with 260,000 inhabitants. *American Journal of Gastroenterology*, **2002**, 97, 2524-9	0.7	47
115	Specialized columnar epithelium of the esophagogastric junction: prevalence and associations. The Central Finland Endoscopy Study Group. *American Journal of Gastroenterology*, **1999**, 94, 913-8	0.7	47
114	Chronic inflammation at the gastroesophageal junction (carditis) appears to be a specific finding related to Helicobacter pylori infection and gastroesophageal reflux disease. The Central Finland Endoscopy Study Group. *American Journal of Gastroenterology*, **1999**, 94, 3175-80	0.7	45
113	Immunoscore in mismatch repair-proficient and -deficient colon cancer. *Journal of Pathology: Clinical Research*, **2017**, 3, 203-213	5.3	43
112	Recessively inherited right atrial isomerism caused by mutations in growth/differentiation factor 1 (GDF1). *Human Molecular Genetics*, **2010**, 19, 2747-53	5.6	43
111	Treatment and follow-up strategies in hereditary nonpolyposis colorectal carcinoma. *Diseases of the Colon and Rectum*, **1993**, 36, 927-9	3.1	43
110	EXO1 variants occur commonly in normal population: evidence against a role in hereditary nonpolyposis colorectal cancer. *Cancer Research*, **2003**, 63, 154-8	10.1	43
109	BMPR1A mutations in hereditary nonpolyposis colorectal cancer without mismatch repair deficiency. *Gastroenterology*, **2011**, 141, e23-6	13.3	42
108	Carbonic anhydrase IX is highly expressed in hereditary nonpolyposis colorectal cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2007**, 16, 1760-6	4	41
107	Identification of candidate oncogenes in human colorectal cancers with microsatellite instability. *Gastroenterology*, **2013**, 145, 540-3.e22	13.3	40
106	Little evidence for involvement of MLH3 in colorectal cancer predisposition. *International Journal of Cancer*, **2003**, 106, 292-6	7.5	40
105	The shared frameshift mutation landscape of microsatellite-unstable cancers suggests immunoediting during tumor evolution. *Nature Communications*, **2020**, 11, 4740	17.4	37
104	High immune cell score predicts improved survival in pancreatic cancer. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2018**, 472, 653-665	5.1	36

103	A comparative pan-genome perspective of niche-adaptable cell-surface protein phenotypes in Lactobacillus rhamnosus. *PLoS ONE*, **2014**, 9, e102762	3.7	36
102	Exome-wide somatic mutation characterization of small bowel adenocarcinoma. *PLoS Genetics*, **2018**, 14, e1007200	6	36
101	A prospective randomized controlled multicenter trial comparing antibiotic therapy with appendectomy in the treatment of uncomplicated acute appendicitis (APPAC trial). *BMC Surgery*, **2013**, 13, 3	2.3	35
100	Sharing genetic risk with next generation: mutation-positive parentsRcommunication with their offspring in Lynch Syndrome. *Familial Cancer*, **2011**, 10, 43-50	3	34
99	Background mutation frequency in microsatellite-unstable colorectal cancer. *Cancer Research*, **2007** , 67, 5691-8	10.1	33
98	Compliance and Satisfaction with Long-Term Surveillance in Finnish HNPCC Families. *Familial Cancer*, **2006**, 5, 175-8	3	33
97	Quality of Life and Patient Satisfaction at 7-Year Follow-up of Antibiotic Therapy vs Appendectomy for Uncomplicated Acute Appendicitis: A Secondary Analysis of a Randomized Clinical Trial. *JAMA Surgery*, **2020**, 155, 283-289	5.4	32
96	NOD2 3020insC alone is not sufficient for colorectal cancer predisposition. *Cancer Research*, **2004**, 64, 7245-7	10.1	31
95	Colorectal surveillance in Lynch syndrome families. *Familial Cancer*, **2013**, 12, 261-5	3	30
94	Breast carcinoma and Lynch syndrome: molecular analysis of tumors arising in mutation carriers, non-carriers, and sporadic cases. *Breast Cancer Research*, **2012**, 14, R90	8.3	30
93	Mutation sharing, predominant involvement of the MLH1 gene and description of four novel mutations in hereditary nonpolyposis colorectal cancer. *Human Mutation*, **1998**, 11, 482-483	4.7	29
92	Prevalence of adenomas and hyperplastic polyps in mismatch repair mutation carriers among CAPP2 participants: report by the colorectal adenoma/carcinoma prevention programme 2. *Journal of Clinical Oncology*, **2008**, 26, 3434-9	2.2	29
91	Preferential amplification of AURKA 91A (Ile31) in familial colorectal cancers. *International Journal of Cancer*, **2006**, 118, 505-8	7.5	29
90	Associations of Pathogenic Variants in MLH1, MSH2, and MSH6 With Risk of Colorectal Adenomas and Tumors and With Somatic Mutations in Patients With Lynch Syndrome. *Gastroenterology*, **2020**, 158, 1326-1333	13.3	28
89	Colorectal cancer incidence in carriers subjected to different follow-up protocols: a Prospective Lynch Syndrome Database report. *Hereditary Cancer in Clinical Practice*, **2017**, 15, 18	2.3	27
88	Variation at 2q35 (PNKD and TMBIM1) influences colorectal cancer risk and identifies a pleiotropic effect with inflammatory bowel disease. *Human Molecular Genetics*, **2016**, 25, 2349-2359	5.6	27
87	Epigenetic analysis of sporadic and Lynch-associated ovarian cancers reveals histology-specific patterns of DNA methylation. *Epigenetics*, **2014**, 9, 1577-87	5.7	27
86	Retrotransposon insertions can initiate colorectal cancer and are associated with poor survival. *Nature Communications*, **2019**, 10, 4022	17.4	26

85	Distinct molecular profiles in Lynch syndrome-associated and sporadic ovarian carcinomas. *International Journal of Cancer*, **2013**, 133, 2596-608	7.5	26
84	Is preoperative distinction between complicated and uncomplicated acute appendicitis feasible without imaging?. *Surgery*, **2016**, 160, 789-95	3.6	25
83	Colorectal pretumor progression before and after loss of DNA mismatch repair. *American Journal of Pathology*, **2004**, 164, 1447-53	5.8	25
82	Somatic MED12 mutations in prostate cancer and uterine leiomyomas promote tumorigenesis through distinct mechanisms. *Prostate*, **2016**, 76, 22-31	4.2	25
81	Lack of association between screening interval and cancer stage in Lynch syndrome may be accounted for by over-diagnosis; a prospective Lynch syndrome database report. *Hereditary Cancer in Clinical Practice*, **2019**, 17, 8	2.3	24
80	Somatic mutations and germline sequence variants in patients with familial colorectal cancer. *International Journal of Cancer*, **2010**, 127, 2974-80	7.5	24
79	Appendiceal neoplasm risk associated with complicated acute appendicitis-a population based study. *International Journal of Colorectal Disease*, **2019**, 34, 39-46	3	24
78	Tracing cell fates in human colorectal tumors from somatic microsatellite mutations: evidence of adenomas with stem cell architecture. *American Journal of Pathology*, **1998**, 153, 1189-200	5.8	22
77	Genome-wide association study and meta-analysis in Northern European populations replicate multiple colorectal cancer risk loci. *International Journal of Cancer*, **2018**, 142, 540-546	7.5	21
76	Low-penetrance susceptibility variants in familial colorectal cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2010**, 19, 1478-83	4	21
75	Systematic search for rare variants in Finnish early-onset colorectal cancer patients. *Cancer Genetics* , **2015**, 208, 35-40	2.3	20
74	DNA hypermethylation appears early and shows increased frequency with dysplasia in Lynch syndrome-associated colorectal adenomas and carcinomas. *Clinical Epigenetics*, **2015**, 7, 71	7.7	20
73	Converging endometrial and ovarian tumorigenesis in Lynch syndrome: Shared origin of synchronous carcinomas. *Gynecologic Oncology*, **2018**, 150, 92-98	4.9	20
72	Psychosocial consequences of predictive genetic testing for Lynch syndrome and associations to surveillance behaviour in a 7-year follow-up study. *Familial Cancer*, **2013**, 12, 639-46	3	20
71	Subtotal Colectomy for Colon Cancer Reduces the Need for Subsequent Surgery in Lynch Syndrome. *Diseases of the Colon and Rectum*, **2017**, 60, 792-799	3.1	20
70	Causes of death of mutation carriers in Finnish Lynch syndrome families. *Familial Cancer*, **2012**, 11, 467-73		20
69	Biofeedback therapy in rectal prolapse patients. *Diseases of the Colon and Rectum*, **1996**, 39, 262-5	3.1	20
68	Combined prognostic value of CD274 (PD-L1)/PDCDI (PD-1) expression and immune cell infiltration in colorectal cancer as per mismatch repair status. *Modern Pathology*, **2019**, 32, 866-883	9.8	19

67	Uroepithelial and kidney carcinoma in Lynch syndrome. *Familial Cancer*, **2012**, 11, 395-401	3	18
66	No evidence for association of NOD2 R702W and G908R with colorectal cancer. *International Journal of Cancer*, **2007**, 121, 76-9	7.5	18
65	A novel functionally deficient MYH variant in individuals with colorectal adenomatous polyposis. *Human Mutation*, **2005**, 26, 393	4.7	18
64	Surveillance in Lynch syndrome. *Familial Cancer*, **2005**, 4, 267-71	3	18
63	Hereditary aspects of endometrial adenocarcinoma. *International Journal of Cancer*, **1995**, 62, 132-7	7.5	18
62	Molecular changes preceding endometrial and ovarian cancer: a study of consecutive endometrial specimens from Lynch syndrome surveillance. *Modern Pathology*, **2018**, 31, 1291-1301	9.8	17
61	Comprehensive Evaluation of Protein Coding Mononucleotide Microsatellites in Microsatellite-Unstable Colorectal Cancer. *Cancer Research*, **2017**, 77, 4078-4088	10.1	16
60	Survival by colon cancer stage and screening interval in Lynch syndrome: a prospective Lynch syndrome database report. *Hereditary Cancer in Clinical Practice*, **2019**, 17, 28	2.3	16
59	Systematic search for enhancer elements and somatic allelic imbalance at seven low-penetrance colorectal cancer predisposition loci. *BMC Medical Genetics*, **2011**, 12, 23	2.1	16
58	Spinopelvic Changes Based on the Simplified SRS-Schwab Adult Spinal Deformity Classification: Relationships With Disability and Health-Related Quality of Life in Adult Patients With Prolonged Degenerative Spinal Disorders. *Spine*, **2018**, 43, 497-502	3.3	16
57	Primary gastrointestinal non-Hodgkin's lymphoma. A population based study in central Finland in 1975-1993. *Acta Oncologica*, **1997**, 36, 69-74	3.2	15
56	EPHB2 germline variants in patients with colorectal cancer or hyperplastic polyposis. *BMC Cancer*, **2006**, 6, 145	4.8	15
55	History of the International Collaborative Group on Hereditary Non Polyposis Colorectal Cancer. *Familial Cancer*, **2003**, 2, 3-5	3	15
54	Mutations in two short noncoding mononucleotide repeats in most microsatellite-unstable colorectal cancers. *Cancer Research*, **2005**, 65, 4607-13	10.1	15
53	Endometrial cancer risk factors among Lynch syndrome women: a retrospective cohort study. *British Journal of Cancer*, **2016**, 115, 375-81	8.7	14
52	Genome-wide allelotyping of 104 Finnish colorectal cancers reveals an excess of allelic imbalance in chromosome 20q in familial cases. *Oncogene*, **2003**, 22, 2206-14	9.2	14
51	Epidemiological, clinical and molecular characterization of Lynch-like syndrome: A population-based study. *International Journal of Cancer*, **2019**, 145, 87-98	7.5	14
50	PolyA deletions in hereditary nonpolyposis colorectal cancer: mutations before a gatekeeper. *American Journal of Pathology*, **2002**, 160, 1503-6	5.8	13

49	The Role of Chromosomal Instability and Epigenetics in Colorectal Cancers Lacking Catenin/TCF Regulated Transcription. *Gastroenterology Research and Practice*, **2016**, 2016, 6089658	2	13
48	Exome sequencing in diagnostic evaluation of colorectal cancer predisposition in young patients. *Scandinavian Journal of Gastroenterology*, **2013**, 48, 672-8	2.4	12
47	Numbers of mutations to different types of colorectal cancer. *BMC Cancer*, **2005**, 5, 126	4.8	12
46	High frequency of TTK mutations in microsatellite-unstable colorectal cancer and evaluation of their effect on spindle assembly checkpoint. *Carcinogenesis*, **2011**, 32, 305-11	4.6	11
45	DNA methylation changes and somatic mutations as tumorigenic events in Lynch syndrome-associated adenomas retaining mismatch repair protein expression. *EBioMedicine*, **2019**, 39, 280-291	8.8	11
44	The "unnatural" history of colorectal cancer in Lynch syndrome: Lessons from colonoscopy surveillance. *International Journal of Cancer*, **2021**, 148, 800-811	7.5	11
43	Contribution of allelic imbalance to colorectal cancer. *Nature Communications*, **2018**, 9, 3664	17.4	11
42	Reliability and Validity Study of the Finnish Adaptation of Scoliosis Research Society Questionnaire Version SRS-30. *Spine*, **2017**, 42, 943-949	3.3	10
41	Genetic and Epigenetic Characteristics of Inflammatory Bowel Disease-Associated Colorectal Cancer. *Gastroenterology*, **2021**, 161, 592-607	13.3	10
40	Comparison of lifestyle, hormonal and medical factors in women with sporadic and Lynch syndrome-associated endometrial cancer: A retrospective case-case study. *Molecular and Clinical Oncology*, **2017**, 6, 758-764	1.6	9
39	Risk-reducing hysterectomy and bilateral salpingo-oophorectomy in female heterozygotes of pathogenic mismatch repair variants: a Prospective Lynch Syndrome Database report. *Genetics in Medicine*, **2021**, 23, 705-712	8.1	9
38	Uptake of genetic testing by the children of Lynch syndrome variant carriers across three generations. *European Journal of Human Genetics*, **2017**, 25, 1237-1245	5.3	7
37	Quantitative analysis of H2AX and p53 nuclear expression levels in ovarian and fallopian tube epithelium from risk-reducing salpingo-oophorectomies in BRCA1 and BRCA2 mutation carriers. *International Journal of Gynecological Pathology*, **2014**, 33, 309-16	3.2	7
36	ARLTS1 germline variants and the risk for breast, prostate, and colorectal cancer. *European Journal of Human Genetics*, **2008**, 16, 983-91	5.3	7
35	Hereditary nonpolyposis colorectal carcinoma: cancer family syndrome. *Annals of Medicine*, **1989**, 21, 313-6	1.5	7
34	Risk-Reducing Gynecological Surgery in Lynch Syndrome: Results of an International Survey from the Prospective Lynch Syndrome Database. *Journal of Clinical Medicine*, **2020**, 9,	5.1	7
33	Comprehensive evaluation of coding region point mutations in microsatellite-unstable colorectal cancer. *EMBO Molecular Medicine*, **2018**, 10,	12	6
32	Clinical and laboratory findings in the diagnosis of right lower quadrant abdominal pain: outcome analysis of the APPAC trial. *Clinical Chemistry and Laboratory Medicine*, **2016**, 54, 1691-7	5.9	6

31	Identification of cancer family syndrome. *Gastroenterology*, **1986**, 90, 1099	13.3	5
30	Does breast carcinoma belong to the Lynch syndrome tumor spectrum? - Somatic mutational profiles vs. ovarian and colorectal carcinomas. *Oncotarget*, **2020**, 11, 1244-1256	3.3	5
29	Stromal hyaluronan accumulation is associated with low immune response and poor prognosis in pancreatic cancer. *Scientific Reports*, **2021**, 11, 12216	4.9	5
28	Prognostic impact of CD73 expression and its relationship to PD-L1 in patients with radically treated pancreatic cancer. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2021**, 478, 209-217	5.1	5
27	Cancer costs and outcomes in the Finnish population 2004-2014. *Acta Oncologica*, **2018**, 57, 297-303	3.2	5
26	Variation in the risk of colorectal cancer in families with Lynch syndrome: a retrospective cohort study. *Lancet Oncology, The*, **2021**, 22, 1014-1022	21.7	5
25	Exome and immune cell score analyses reveal great variation within synchronous primary colorectal cancers. *British Journal of Cancer*, **2019**, 120, 922-930	8.7	4
24	The Accuracy of the Computed Tomography Diagnosis of Acute Appendicitis: Does the Experience of the Radiologist Matter?. *Scandinavian Journal of Surgery*, **2018**, 107, 43-47	3.1	4
23	Incident colorectal cancer in Lynch syndrome is usually not preceded by compromised quality of colonoscopy. *Scandinavian Journal of Gastroenterology*, **2019**, 54, 1473-1480	2.4	4
22	Somatic mutation profiles as molecular classifiers of ulcerative colitis-associated colorectal cancer. *International Journal of Cancer*, **2021**, 148, 2997-3007	7.5	4
21	Screening for gastrointestinal cancers in high-risk groups. *Digestive Diseases*, **1989**, 7, 243-54	3.2	3
20	Immunophenotype based on inflammatory cells, PD-1/PD-L1 signalling pathway and M2 macrophages predicts survival in gastric cancer. *British Journal of Cancer*, **2020**, 123, 1625-1632	8.7	3
19	Immune Contexture of MMR-Proficient Primary Colorectal Cancer and Matched Liver and Lung Metastases. *Cancers*, **2021**, 13,	6.6	3
18	No evidence of EMAST in whole genome sequencing data from 248 colorectal cancers. *Genes Chromosomes and Cancer*, **2021**, 60, 463-473	5	3
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16	3RUTR poly(T/U) repeat of EWSR1 is altered in microsatellite unstable colorectal cancer with nearly perfect sensitivity. *Familial Cancer*, **2015**, 14, 449-53	3	2
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