

Christophe Rosty

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

6,378
citations

70961

41
h-index

66788

78
g-index

94
all docs

94
docs citations

94
times ranked

8270
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Exploration of Global Gene Expression Patterns in Pancreatic Adenocarcinoma Using cDNA Microarrays. <i>American Journal of Pathology</i> , 2003, 162, 1151-1162. | 1.9 | 450 |
| 2 | Association Between Molecular Subtypes of Colorectal Cancer and Patient Survival. <i>Gastroenterology</i> , 2015, 148, 77-87.e2. | 0.6 | 342 |
| 3 | Prevalence and Penetrance of Major Genes and Polygenes for Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 404-412. | 1.1 | 341 |
| 4 | STK11/LKB1 Peutz-Jeghers Gene Inactivation in Intraductal Papillary-Mucinous Neoplasms of the Pancreas. <i>American Journal of Pathology</i> , 2001, 159, 2017-2022. | 1.9 | 251 |
| 5 | Frequent hypomethylation of multiple genes overexpressed in pancreatic ductal adenocarcinoma. <i>Cancer Research</i> , 2003, 63, 4158-66. | 0.4 | 238 |
| 6 | Identification of hepatocarcinoma-intestine-pancreas/pancreatitis-associated protein I as a biomarker for pancreatic ductal adenocarcinoma by protein biochip technology. <i>Cancer Research</i> , 2002, 62, 1868-75. | 0.4 | 233 |
| 7 | Aberrant Methylation of Preproenkephalin and p16 Genes in Pancreatic Intraepithelial Neoplasia and Pancreatic Ductal Adenocarcinoma. <i>American Journal of Pathology</i> , 2002, 160, 1573-1581. | 1.9 | 205 |
| 8 | Overexpression of S100A4 in Pancreatic Ductal Adenocarcinomas Is Associated with Poor Differentiation and DNA Hypomethylation. <i>American Journal of Pathology</i> , 2002, 160, 45-50. | 1.9 | 203 |
| 9 | Risk of Colorectal Cancer for Carriers of Mutations in MUTYH, With and Without a Family History of Cancer. <i>Gastroenterology</i> , 2014, 146, 1208-1211.e5. | 0.6 | 180 |
| 10 | Activating mutations of the tyrosine kinase receptor FGFR3 are associated with benign skin tumors in mice and humans. <i>Human Molecular Genetics</i> , 2005, 14, 1153-1160. | 1.4 | 175 |
| 11 | Clinicopathological and molecular features of sessile serrated adenomas with dysplasia or carcinoma. <i>Gut</i> , 2017, 66, 97-106. | 6.1 | 161 |
| 12 | Cancer Risks for PMS2-Associated Lynch Syndrome. <i>Journal of Clinical Oncology</i> , 2018, 36, 2961-2968. | 0.8 | 147 |
| 13 | Serrated polyps of the large intestine: current understanding of diagnosis, pathogenesis, and clinical management. <i>Journal of Gastroenterology</i> , 2013, 48, 287-302. | 2.3 | 144 |
| 14 | KIT is highly expressed in adenoid cystic carcinoma of the breast, a basal-like carcinoma associated with a favorable outcome. <i>Modern Pathology</i> , 2005, 18, 1623-1631. | 2.9 | 141 |
| 15 | A clinicopathological and molecular analysis of 200 traditional serrated adenomas. <i>Modern Pathology</i> , 2015, 28, 414-427. | 2.9 | 140 |
| 16 | Expression of MUC2, MUC5AC, MUC5B, and MUC6 mucins in colorectal cancers and their association with the CpG island methylator phenotype. <i>Modern Pathology</i> , 2013, 26, 1642-1656. | 2.9 | 127 |
| 17 | Colorectal carcinomas with KRAS mutation are associated with distinctive morphological and molecular features. <i>Modern Pathology</i> , 2013, 26, 825-834. | 2.9 | 126 |
| 18 | BRAFV600E Immunohistochemistry Facilitates Universal Screening of Colorectal Cancers for Lynch Syndrome. <i>American Journal of Surgical Pathology</i> , 2013, 37, 1592-1602. | 2.1 | 125 |

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|----|--|-----|-----------|
| 19 | Rising incidence of early-onset colorectal cancer in Australia over two decades: Report and review. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 6-13. | 1.4 | 119 |
| 20 | PIK3CA Activating Mutation in Colorectal Carcinoma: Associations with Molecular Features and Survival. <i>PLoS ONE</i> , 2013, 8, e65479. | 1.1 | 117 |
| 21 | Risk of extracolonic cancers for people with biallelic and monoallelic mutations in <i>MUTYH</i> . <i>International Journal of Cancer</i> , 2016, 139, 1557-1563. | 2.3 | 107 |
| 22 | p16 Inactivation in Pancreatic Intraepithelial Neoplasias (PanINs) Arising in Patients With Chronic Pancreatitis. <i>American Journal of Surgical Pathology</i> , 2003, 27, 1495-1501. | 2.1 | 104 |
| 23 | Critical Appraisal of the Diagnosis of the Sessile Serrated Adenoma. <i>American Journal of Surgical Pathology</i> , 2014, 38, 158-166. | 2.1 | 94 |
| 24 | Gastrointestinal Pathology in Celiac Disease. <i>American Journal of Clinical Pathology</i> , 2012, 138, 42-49. | 0.4 | 89 |
| 25 | Phenotype and Polyp Landscape in Serrated Polyposis Syndrome. <i>American Journal of Surgical Pathology</i> , 2012, 36, 876-882. | 2.1 | 85 |
| 26 | Associations of alcohol intake, smoking, physical activity and obesity with survival following colorectal cancer diagnosis by stage, anatomic site and tumor molecular subtype. <i>International Journal of Cancer</i> , 2018, 142, 238-250. | 2.3 | 83 |
| 27 | Cancer Risks for Relatives of Patients With Serrated Polyposis. <i>American Journal of Gastroenterology</i> , 2012, 107, 770-778. | 0.2 | 80 |
| 28 | Aspirin, Ibuprofen, and the Risk of Colorectal Cancer in Lynch Syndrome. <i>Journal of the National Cancer Institute</i> , 2015, 107, djv170. | 3.0 | 80 |
| 29 | An update on the morphology and molecular pathology of serrated colorectal polyps and associated carcinomas. <i>Modern Pathology</i> , 2019, 32, 1390-1415. | 2.9 | 73 |
| 30 | Association of the Colorectal CpG Island Methylator Phenotype with Molecular Features, Risk Factors, and Family History. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 512-519. | 1.1 | 71 |
| 31 | Risk Factors for Colorectal Cancer in Patients with Multiple Serrated Polyps: A Cross-Sectional Case Series from Genetics Clinics. <i>PLoS ONE</i> , 2010, 5, e11636. | 1.1 | 68 |
| 32 | Clinical problems of colorectal cancer and endometrial cancer cases with unknown cause of tumor mismatch repair deficiency (suspected Lynch syndrome). <i>The Application of Clinical Genetics</i> , 2014, 7, 183. | 1.4 | 68 |
| 33 | Sessile serrated adenomas with dysplasia: morphological patterns and correlations with MLH1 immunohistochemistry. <i>Modern Pathology</i> , 2017, 30, 1728-1738. | 2.9 | 60 |
| 34 | An International Consensus to Standardize Integration of Histopathology in Ulcerative Colitis Clinical Trials. <i>Gastroenterology</i> , 2021, 160, 2291-2302. | 0.6 | 57 |
| 35 | Histopathology Scoring Systems of Stenosis Associated With Small Bowel Crohn's Disease: A Systematic Review. <i>Gastroenterology</i> , 2020, 158, 137-150.e1. | 0.6 | 50 |
| 36 | Risk of colorectal cancer for carriers of a germ-line mutation in <i>POLE</i> or <i>POLD1</i> . <i>Genetics in Medicine</i> , 2018, 20, 890-895. | 1.1 | 49 |

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|----|---|-----|-----------|
| 37 | Tumor testing to identify lynch syndrome in two Australian colorectal cancer cohorts. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 427-438. | 1.4 | 47 |
| 38 | Adverse histological features in malignant colorectal polyps: a contemporary series of 239 cases. <i>Journal of Clinical Pathology</i> , 2016, 69, 292-299. | 1.0 | 46 |
| 39 | Tropical Sprue. <i>American Journal of Surgical Pathology</i> , 2014, 38, 666-672. | 2.1 | 45 |
| 40 | High prevalence of mismatch repair deficiency in prostate cancers diagnosed in mismatch repair gene mutation carriers from the colon cancer family registry. <i>Familial Cancer</i> , 2014, 13, 573-582. | 0.9 | 44 |
| 41 | Should the grading of colorectal adenocarcinoma include microsatellite instability status?. <i>Human Pathology</i> , 2014, 45, 2077-2084. | 1.1 | 44 |
| 42 | The role of APC in WNT pathway activation in serrated neoplasia. <i>Modern Pathology</i> , 2018, 31, 495-504. | 2.9 | 43 |
| 43 | Lack of evidence for germline <i>RNF43</i> mutations in patients with serrated polyposis syndrome from a large multinational study. <i>Gut</i> , 2017, 66, 1170-1172. | 6.1 | 42 |
| 44 | Association between hypermethylation of DNA repetitive elements in white blood cell DNA and early-onset colorectal cancer. <i>Epigenetics</i> , 2013, 8, 748-755. | 1.3 | 41 |
| 45 | Role of tumour molecular and pathology features to estimate colorectal cancer risk for first-degree relatives. <i>Gut</i> , 2015, 64, 101-110. | 6.1 | 40 |
| 46 | Multiplicity and Molecular Heterogeneity of Colorectal Carcinomas in Individuals With Serrated Polyposis. <i>American Journal of Surgical Pathology</i> , 2013, 37, 434-442. | 2.1 | 39 |
| 47 | Alcohol Consumption and the Risk of Colorectal Cancer for Mismatch Repair Gene Mutation Carriers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 366-375. | 1.1 | 37 |
| 48 | Serrated Polyposis: An Enigmatic Model of Colorectal Cancer Predisposition. <i>Pathology Research International</i> , 2011, 2011, 1-13. | 1.4 | 37 |
| 49 | Germline mutations in <i>PMS2</i> and <i>MLH1</i> in individuals with solitary loss of PMS2 expression in colorectal carcinomas from the Colon Cancer Family Registry Cohort. <i>BMJ Open</i> , 2016, 6, e010293. | 0.8 | 33 |
| 50 | Risk factors for metachronous colorectal cancer following a primary colorectal cancer: A prospective cohort study. <i>International Journal of Cancer</i> , 2016, 139, 1081-1090. | 2.3 | 32 |
| 51 | DNA mismatch repair protein deficient non-neoplastic colonic crypts: a novel indicator of Lynch syndrome. <i>Modern Pathology</i> , 2018, 31, 1608-1618. | 2.9 | 32 |
| 52 | International consensus to standardise histopathological scoring for small bowel strictures in Crohn's disease. <i>Gut</i> , 2022, 71, 479-486. | 6.1 | 29 |
| 53 | Serrated tubulovillous adenoma of the large intestine. <i>Histopathology</i> , 2016, 68, 578-587. | 1.6 | 28 |
| 54 | Germline Mutations in the Polyposis-Associated Genes BMPR1A, SMAD4, PTEN, MUTYH and GREM1 Are Not Common in Individuals with Serrated Polyposis Syndrome. <i>PLoS ONE</i> , 2013, 8, e66705. | 1.1 | 27 |

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|----|--|-----|-----------|
| 55 | Multivitamin, calcium and folic acid supplements and the risk of colorectal cancer in Lynch syndrome. <i>International Journal of Epidemiology</i> , 2016, 45, 940-953. | 0.9 | 27 |
| 56 | Lifetime alcohol intake is associated with an increased risk of <i>KRAS</i> + and <i>BRAF</i> - <i>KRAS</i> but not <i>BRAF</i> + colorectal cancer. <i>International Journal of Cancer</i> , 2017, 140, 1485-1493. | 2.3 | 27 |
| 57 | Evaluating the utility of tumour mutational signatures for identifying hereditary colorectal cancer and polyposis syndrome carriers. <i>Gut</i> , 2021, 70, 2138-2149. | 6.1 | 27 |
| 58 | Development and initial validation of a deep learning algorithm to quantify histological features in colorectal carcinoma including tumour budding/poorly differentiated clusters. <i>Histopathology</i> , 2021, 79, 391-405. | 1.6 | 24 |
| 59 | Hyperplastic polyp of the duodenum: a report of 9 cases with immunohistochemical and molecular findings. <i>Human Pathology</i> , 2011, 42, 1953-1959. | 1.1 | 23 |
| 60 | Targeted sequencing of established and candidate colorectal cancer genes in the Colon Cancer Family Registry Cohort. <i>Oncotarget</i> , 2017, 8, 93450-93463. | 0.8 | 23 |
| 61 | Ability of known susceptibility SNPs to predict colorectal cancer risk for persons with and without a family history. <i>Familial Cancer</i> , 2019, 18, 389-397. | 0.9 | 23 |
| 62 | SNP rs16906252C>T Is an Expression and Methylation Quantitative Trait Locus Associated with an Increased Risk of Developing <i>MGMT</i> -Methylated Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 6266-6277. | 3.2 | 22 |
| 63 | The Role of the Surgical Pathologist in the Diagnosis of Gastrointestinal Polyposis Syndromes. <i>Advances in Anatomic Pathology</i> , 2018, 25, 1-13. | 2.4 | 22 |
| 64 | Dataset for Pathology Reporting of Colorectal Cancer. <i>Annals of Surgery</i> , 2022, 275, e549-e561. | 2.1 | 22 |
| 65 | Do serrated neoplasms of the small intestine represent a distinct entity? Pathological findings and molecular alterations in a series of 13 cases. <i>Histopathology</i> , 2015, 66, 333-342. | 1.6 | 21 |
| 66 | Clinicopathologic Risk Factor Distributions for <i>MLH1</i> Promoter Region Methylation in CIMP-Positive Tumors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 68-75. | 1.1 | 21 |
| 67 | Somatic mutations of the coding microsatellites within the beta-2-microglobulin gene in mismatch repair-deficient colorectal cancers and adenomas. <i>Familial Cancer</i> , 2018, 17, 91-100. | 0.9 | 21 |
| 68 | Sessile Serrated Adenomas in Young Patients may have Limited Risk of Malignant Progression. <i>Journal of Clinical Gastroenterology</i> , 2019, 53, e113-e116. | 1.1 | 21 |
| 69 | DNA Methylation Signatures and the Contribution of Age-Associated Methylomic Drift to Carcinogenesis in Early-Onset Colorectal Cancer. <i>Cancers</i> , 2021, 13, 2589. | 1.7 | 18 |
| 70 | RNF43 is mutated less frequently in Lynch Syndrome compared with sporadic microsatellite unstable colorectal cancers. <i>Familial Cancer</i> , 2018, 17, 63-69. | 0.9 | 16 |
| 71 | A morphological and molecular study of proposed early forms of traditional serrated adenoma. <i>Histopathology</i> , 2018, 73, 1023-1029. | 1.6 | 13 |
| 72 | The role of histopathology in the diagnosis and management of coeliac disease and other malabsorptive conditions. <i>Histopathology</i> , 2021, 78, 88-105. | 1.6 | 13 |

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|----|--|-----|-----------|
| 73 | Traditional serrated adenoma-like lesions in patients with inflammatory bowel disease. <i>Human Pathology</i> , 2020, 97, 19-28. | 1.1 | 12 |
| 74 | Germline and Tumor Sequencing as a Diagnostic Tool To Resolve Suspected Lynch Syndrome. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 358-371. | 1.2 | 12 |
| 75 | Self-limited coeliac-like enteropathy: a series of 18 cases highlighting another coeliac disease mimic. <i>Histopathology</i> , 2016, 68, 254-261. | 1.6 | 11 |
| 76 | Spectrum of gastrointestinal tract pathology in a multicenter cohort of 43 Cowden syndrome patients. <i>Modern Pathology</i> , 2019, 32, 1814-1822. | 2.9 | 10 |
| 77 | Serrated lesions of the appendix in serrated polyposis patients. <i>Pathology</i> , 2016, 48, 30-34. | 0.3 | 9 |
| 78 | Recommendations for standardizing biopsy acquisition and histological assessment of immune checkpoint inhibitor-associated colitis. , 2022, 10, e004560. | | 9 |
| 79 | Australasian Gastrointestinal Pathology Society (AGPS) consensus guidelines for universal defective mismatch repair testing in colorectal carcinoma. <i>Pathology</i> , 2019, 51, 233-239. | 0.3 | 7 |
| 80 | An integrated mass spectrometry imaging and digital pathology workflow for objective detection of colorectal tumours by unique atomic signatures. <i>Chemical Science</i> , 2021, 12, 10321-10333. | 3.7 | 7 |
| 81 | Re: Microsatellite Instability and BRAF Mutation Testing in Colorectal Cancer Prognostication. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju180-dju180. | 3.0 | 6 |
| 82 | BRAF V600E immunohistochemistry demonstrates that some sessile serrated lesions with adenomatous dysplasia may represent collision lesions. <i>Histopathology</i> , 2019, 75, 81-87. | 1.6 | 6 |
| 83 | Pathology Reporting of Colorectal Local Excision Specimens: Recommendations from the International Collaboration on Cancer Reporting (ICCR). <i>Gastroenterology</i> , 2021, 161, 382-387. | 0.6 | 6 |
| 84 | Genetic variants within the hTERT gene and the risk of colorectal cancer in Lynch syndrome. <i>Genes and Cancer</i> , 2015, 6, 445-451. | 0.6 | 6 |
| 85 | Serrated colorectal polyps and polyposis. <i>Diagnostic Histopathology</i> , 2014, 20, 30-37. | 0.2 | 5 |
| 86 | Rare germline variants in the AXIN2 gene in families with colonic polyposis and colorectal cancer. <i>Familial Cancer</i> , 2021, , 1. | 0.9 | 5 |
| 87 | Clinical and histological features of secondary carcinomas in gastrointestinal tract biopsies. <i>Histopathology</i> , 2020, 77, 622-630. | 1.6 | 4 |
| 88 | Reducing the polyp burden in serrated polyposis by serial colonoscopy: the impact of nationally coordinated community surveillance. <i>New Zealand Medical Journal</i> , 2017, 130, 57-67. | 0.5 | 4 |
| 89 | Assessing the ProMCol classifier as a prognostic marker for non-metastatic colorectal cancer within the Melbourne Collaborative Cohort Study. <i>Gut</i> , 2019, 68, 761-762. | 6.1 | 2 |
| 90 | Molecular subtypes of colorectal cancer in relation to disease survival.. <i>Journal of Clinical Oncology</i> , 2014, 32, 451-451. | 0.8 | 0 |