

Aaron Pollett

List of Publications by Year in descending order

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85
papers

9,000
citations

101384

36
h-index

60497

81
g-index

86
all docs

86
docs citations

86
times ranked

14335
citing authors

#	ARTICLE	IF	CITATIONS
1	Brief family history questionnaire to screen for Lynch syndrome in women with newly diagnosed non-serous, non-mucinous ovarian cancers. <i>International Journal of Gynecological Cancer</i> , 2022, , ijgc-2021-003082.	1.2	0
2	An Integrative DNA Sequencing and Methylation Panel to Assess Mismatch Repair Deficiency. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 242-252.	1.2	12
3	Understanding the clinical implication of mismatch repair deficiency in endometrioid endometrial cancer through a prospective study. <i>Gynecologic Oncology</i> , 2021, 161, 221-227.	0.6	9
4	Maximizing cancer prevention through genetic navigation for Lynch syndrome detection in women with newly diagnosed endometrial and nonserous/nonmucinous epithelial ovarian cancer. <i>Cancer</i> , 2021, 127, 3082-3091.	2.0	6
5	Cost-effectiveness of Active Identification and Subsequent Colonoscopy Surveillance of Lynch Syndrome Cases. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 2760-2767.e12.	2.4	8
6	Impact of Referral Center Pathology Review on Diagnosis and Management of Patients With Appendiceal Neoplasms. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 764-768.	1.2	4
7	Tumor BRCA Testing in High Grade Serous Carcinoma: Mutation Rates and Optimal Tissue Requirements. <i>Cancers</i> , 2020, 12, 3468.	1.7	12
8	Performance characteristics of screening strategies to identify Lynch syndrome in women with ovarian cancer. <i>Cancer</i> , 2020, 126, 4886-4894.	2.0	15
9	Colorectal Cancer: Microsatellite Instability/Mismatch Repair Testing in the Era of Digital Pathology. <i>Gastroenterology</i> , 2020, 159, 1235-1237.	0.6	4
10	FAM46C/TENT5C functions as a tumor suppressor through inhibition of Plk4 activity. <i>Communications Biology</i> , 2020, 3, 448.	2.0	20
11	Tumor site discordance in mismatch repair deficiency in synchronous endometrial and ovarian cancers. <i>International Journal of Gynecological Cancer</i> , 2020, 30, 1951-1958.	1.2	5
12	Targeting bivalency de-represses Indian Hedgehog and inhibits self-renewal of colorectal cancer-initiating cells. <i>Nature Communications</i> , 2019, 10, 1436.	5.8	33
13	Learning by Example: An International Perspective on Reflex-Testing for Lynch Syndrome. <i>Annals of Surgical Oncology</i> , 2019, 26, 425-436.	0.7	7
14	Interobserver Agreement for Mismatch Repair Protein Immunohistochemistry in Endometrial and Nonserous, Nonmucinous Ovarian Carcinomas. <i>American Journal of Surgical Pathology</i> , 2019, 43, 591-600.	2.1	21
15	Familial PDGFRA -mutation syndrome: somatic and gastrointestinal phenotype. <i>Human Pathology</i> , 2018, 76, 52-57.	1.1	21
16	High prevalence of adenomatous colorectal polyps in young cancer survivors treated with abdominal radiation therapy: results of a prospective trial. <i>Gut</i> , 2017, 66, 1797-1801.	6.1	48
17	The impact of knowledge transfer on the detection of venous invasion in colorectal cancer. <i>Human Pathology</i> , 2017, 67, 45-53.	1.1	7
18	Association of Distinct Mutational Signatures With Correlates of Increased Immune Activity in Pancreatic Ductal Adenocarcinoma. <i>JAMA Oncology</i> , 2017, 3, 774.	3.4	221

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19	Genetic testing for Lynch syndrome in the province of Ontario. <i>Cancer</i> , 2016, 122, 1672-1679.	2.0	12
20	Mule Regulates the Intestinal Stem Cell Niche via the Wnt Pathway and Targets EphB3 for Proteasomal and Lysosomal Degradation. <i>Cell Stem Cell</i> , 2016, 19, 205-216.	5.2	21
21	Prophylactic Total Gastrectomy: a Prospective Cohort Study of Long-Term Impact on Quality of Life. <i>Journal of Gastrointestinal Surgery</i> , 2016, 20, 1950-1958.	0.9	35
22	Ileal "carcinoid" tumors "small size belies deadly intent: high rate of nodal metastasis in tumors >1 cm in size. <i>Human Pathology</i> , 2016, 56, 123-127.	1.1	35
23	DNA Mismatch Repair Status Predicts Need for Future Colorectal Surgery for Metachronous Neoplasms in Young Individuals Undergoing Colorectal Cancer Resection. <i>Diseases of the Colon and Rectum</i> , 2015, 58, 645-652.	0.7	19
24	Progression and Management of Duodenal Neoplasia in Familial Adenomatous Polyposis. <i>Annals of Surgery</i> , 2015, 261, 1138-1144.	2.1	24
25	Performance characteristics of a brief Family History Questionnaire to screen for Lynch syndrome in women with newly diagnosed endometrial cancer. <i>Gynecologic Oncology</i> , 2015, 136, 311-316.	0.6	9
26	Combined hereditary and somatic mutations of replication error repair genes result in rapid onset of ultra-hypermutated cancers. <i>Nature Genetics</i> , 2015, 47, 257-262.	9.4	306
27	Phenotypic and genotypic characterisation of biallelic mismatch repair deficiency (BMMR-D) syndrome. <i>European Journal of Cancer</i> , 2015, 51, 977-983.	1.3	87
28	Identification of a novel MSH6 germline variant in a family with multiple gastro-intestinal malignancies by next generation sequencing. <i>Familial Cancer</i> , 2015, 14, 69-75.	0.9	1
29	Abstract B09: DNA polymerase mutations trigger rapid onset of ultra-hypermutant malignant brain tumors in children with biallelic mismatch repair deficiency. , 2015, , .		0
30	Personalized Medicine: CCO's Vision, Accomplishments and Future Plans. <i>Healthcare Quarterly</i> , 2014, 17, 41-43.	0.7	1
31	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
32	ARID1A loss correlates with mismatch repair deficiency and intact p53 expression in high-grade endometrial carcinomas. <i>Modern Pathology</i> , 2014, 27, 255-261.	2.9	110
33	Performance characteristics of screening strategies for Lynch syndrome in unselected women with newly diagnosed endometrial cancer who have undergone universal germline mutation testing. <i>Cancer</i> , 2014, 120, 3932-3939.	2.0	114
34	Identification of genes expressed by immune cells of the colon that are regulated by colorectal cancer-associated variants. <i>International Journal of Cancer</i> , 2014, 134, 2330-2341.	2.3	38
35	Review of findings in prophylactic gynaecological specimens in Lynch syndrome with literature review and recommendations for grossing. <i>Histopathology</i> , 2014, 65, 228-239.	1.6	29
36	The Histomorphology of Lynch Syndrome-associated Ovarian Carcinomas. <i>American Journal of Surgical Pathology</i> , 2014, 38, 1173-1181.	2.1	108

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37	Mucinous Tumor of the Appendix with Limited Peritoneal Spread: Is There a Role for Expectant Observation?. <i>Annals of Surgical Oncology</i> , 2014, 21, 225-231.	0.7	15
38	Genetic and clinical determinants of constitutional mismatch repair deficiency syndrome: Report from the constitutional mismatch repair deficiency consortium. <i>European Journal of Cancer</i> , 2014, 50, 987-996.	1.3	180
39	The Fatty Liver Index has limited utility for the detection and quantification of hepatic steatosis in obese patients. <i>Hepatology International</i> , 2013, 7, 592-599.	1.9	19
40	Patients with Lynch Syndrome Mismatch Repair Gene Mutations Are at Higher Risk for Not Only Upper Tract Urothelial Cancer but Also Bladder Cancer. <i>European Urology</i> , 2013, 63, 379-385.	0.9	85
41	Variable Clonal Repopulation Dynamics Influence Chemotherapy Response in Colorectal Cancer. <i>Science</i> , 2013, 339, 543-548.	6.0	691
42	Unifying Diagnosis for Adenomatous Polyps, Café-au-Lait Macules, and a Brain Mass?. <i>Gastroenterology</i> , 2013, 145, e3-e4.	0.6	0
43	Digital pathology: Attitudes and practices in the Canadian pathology community. <i>Journal of Pathology Informatics</i> , 2013, 4, 3.	0.8	36
44	Retroperitoneal Pelvic Cyst: A Diagnostic and Therapeutic Challenge. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2013, 35, 164-167.	0.3	1
45	Venous Invasion in Colorectal Cancer. <i>American Journal of Surgical Pathology</i> , 2013, 37, 200-210.	2.1	92
46	The Microenvironment-Specific Transformation of Adult Stem Cells Models Malignant Triton Tumors. <i>PLoS ONE</i> , 2013, 8, e82173.	1.1	5
47	Lynch syndrome in a predominantly Afrocentric population: a clinicopathological and genetic study. <i>Canadian Journal of Surgery</i> , 2012, 55, 294-300.	0.5	5
48	Prevalence of Loss of Expression of DNA Mismatch Repair Proteins in Primary Epithelial Ovarian Tumors. <i>International Journal of Gynecological Pathology</i> , 2012, 31, 524-531.	0.9	66
49	Use of Mismatch Repair Immunohistochemistry and Microsatellite Instability Testing. <i>American Journal of Surgical Pathology</i> , 2012, 36, 560-569.	2.1	23
50	Controlled Attenuation Parameter (CAP): a noninvasive method for the detection of hepatic steatosis based on transient elastography. <i>Liver International</i> , 2012, 32, 902-910.	1.9	283
51	Discordance in fibrosis staging between liver biopsy and transient elastography using the FibroScan XL probe. <i>Journal of Hepatology</i> , 2012, 56, 564-570.	1.8	126
52	Juvenile polyposis, hereditary hemorrhagic telangiectasia, and early onset colorectal cancer in patients with SMAD4 mutation. <i>Journal of Gastroenterology</i> , 2012, 47, 795-804.	2.3	46
53	Comparison of clinical schemas and morphologic features in predicting Lynch syndrome in mutation-positive patients with endometrial cancer encountered in the context of familial gastrointestinal cancer registries. <i>Cancer</i> , 2012, 118, 681-688.	2.0	71
54	Feasibility and diagnostic performance of the FibroScan XL probe for liver stiffness measurement in overweight and obese patients. <i>Hepatology</i> , 2012, 55, 199-208.	3.6	418

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55	Promoter methylation of Wnt antagonists <i>DKK1</i> and <i>SFRP1</i> is associated with opposing tumor subtypes in two large populations of colorectal cancer patients. <i>Carcinogenesis</i> , 2011, 32, 741-747.	1.3	74
56	Hepatic Adenomas Caused by Somatic HNF1A Mutations in Children With Biallelic Mismatch Repair Gene Mutations. <i>Gastroenterology</i> , 2011, 140, 735-736.	0.6	16
57	Promoter methylation of Wnt5a is associated with microsatellite instability and BRAF V600E mutation in two large populations of colorectal cancer patients. <i>British Journal of Cancer</i> , 2011, 104, 1906-1912.	2.9	33
58	A descriptive analysis of gastric cancer specimen processing techniques. <i>Journal of Surgical Oncology</i> , 2011, 103, 248-256.	0.8	3
59	A Histology-Based Model for Predicting Microsatellite Instability in Colorectal Cancers. <i>American Journal of Surgical Pathology</i> , 2010, 34, 1820-1829.	2.1	38
60	Chemotherapy-induced Liver Injury in Metastatic Colorectal Cancer: Semiquantitative Histologic Analysis of 334 Resected Liver Specimens Shows That Vascular Injury but not Steatohepatitis Is Associated With Preoperative Chemotherapy. <i>American Journal of Surgical Pathology</i> , 2010, 34, 784-791.	2.1	85
61	Improving the quality of processing gastric cancer specimens: The pathologist's perspective. <i>Journal of Surgical Oncology</i> , 2010, 101, 195-199.	0.8	3
62	The genetic basis of colorectal cancer in a population-based incident cohort with a high rate of familial disease. <i>Gut</i> , 2010, 59, 1369-1377.	6.1	65
63	Plk4 is required for cytokinesis and maintenance of chromosomal stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6888-6893.	3.3	91
64	A novel complex mutation in MSH2 contributes to both Muir-Torre and Lynch Syndrome. <i>Journal of Human Genetics</i> , 2010, 55, 37-41.	1.1	6
65	A Novel and Rapid Method of Determining the Effect of Unclassified MLH1 Genetic Variants on Differential Allelic Expression. <i>Journal of Molecular Diagnostics</i> , 2010, 12, 757-764.	1.2	8
66	Specific Variants in the MLH1 Gene Region May Drive DNA Methylation, Loss of Protein Expression, and MSI-H Colorectal Cancer. <i>PLoS ONE</i> , 2010, 5, e13314.	1.1	35
67	Rhabdomyosarcoma in patients with constitutional mismatch-repair-deficiency syndrome. <i>Journal of Medical Genetics</i> , 2009, 46, 418-420.	1.5	53
68	Quality Indicators for Gastric Cancer Surgery: A Survey of Practicing Pathologists in Ontario. <i>Annals of Surgical Oncology</i> , 2009, 16, 1883-1889.	0.7	9
69	Germline BRCA1 mutations predispose to pancreatic adenocarcinoma. <i>Human Genetics</i> , 2008, 124, 271-278.	1.8	64
70	Café-au-lait macules and pediatric malignancy caused by biallelic mutations in the DNA mismatch repair (MMR) gene <i>PMS2</i> . <i>Pediatric Blood and Cancer</i> , 2008, 50, 1268-1270.	0.8	24
71	Prognostic significance of mesenteric tumor nodules in patients with stage III colorectal cancer. <i>Cancer</i> , 2008, 112, 50-54.	2.0	54
72	Pathological features of colorectal carcinomas in MYH-associated polyposis. <i>Histopathology</i> , 2008, 53, 184-194.	1.6	37

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73	Pathology Features in Bethesda Guidelines Predict Colorectal Cancer Microsatellite Instability: A Population-Based Study. <i>Gastroenterology</i> , 2007, 133, 48-56.	0.6	302
74	A human colon cancer cell capable of initiating tumour growth in immunodeficient mice. <i>Nature</i> , 2007, 445, 106-110.	13.7	3,765
75	Exacerbated tissue destruction in DSS-induced acute colitis of OPN-null mice is associated with downregulation of TNF- α expression and non-programmed cell death. <i>Journal of Cellular Physiology</i> , 2006, 208, 629-639.	2.0	62
76	Plk4 haploinsufficiency causes mitotic infidelity and carcinogenesis. <i>Nature Genetics</i> , 2005, 37, 883-888.	9.4	189
77	High Frequency of Hereditary Colorectal Cancer in Newfoundland Likely Involves Novel Susceptibility Genes. <i>Clinical Cancer Research</i> , 2005, 11, 6853-6861.	3.2	46
78	Tumor Microsatellite Instability in Early Onset Gastric Cancer. <i>Journal of Molecular Diagnostics</i> , 2005, 7, 465-477.	1.2	58
79	Gastrointestinal cancers and neurofibromatosis type 1 features in children with a germline homozygous MLH1 mutation. <i>Gastroenterology</i> , 2004, 126, 576-585.	0.6	117
80	Microsatellite Instability as a Prognostic Factor in Resected Colorectal Cancer Liver Metastases. <i>Annals of Surgical Oncology</i> , 2004, 11, 977-982.	0.7	53
81	Sclerosing pancreatitis presenting as a periampullary tumour. <i>Hpb</i> , 2003, 5, 268-272.	0.1	0
82	Hereditary nonpolyposis colorectal cancerâ€™s molecular basis. <i>Surgery</i> , 2003, 134, 29-33.	1.0	9
83	Assessment of Thin-Layer Breast Aspirates for Immunocytochemical Evaluation of HER2 Status. <i>Acta Cytologica</i> , 2003, 47, 979-984.	0.7	18
84	Correlation of p53 Mutations in ThinPrep-Processed Fine Needle Breast Aspirates with Surgically Resected Breast Cancers. <i>Modern Pathology</i> , 2000, 13, 1173-1179.	2.9	14
85	Highâ€™grade papillary cystadenocarcinoma of the tongue. <i>Histopathology</i> , 1997, 31, 185-188.	1.6	61