

Shannon J McCall

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

11,833
citations

159585

30
h-index

58581

82
g-index

96
all docs

96
docs citations

96
times ranked

20738
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hybrid Humanâ€“Machine Learning Approach for Screening Prostate Biopsies Can Improve Clinical Efficiency Without Compromising Diagnostic Accuracy. Archives of Pathology and Laboratory Medicine, 2022, 146, 727-734.	2.5	4
2	Pre-existing Castration-resistant Prostate Cancerâ€“like Cells in Primary Prostate Cancer Promote Resistance to Hormonal Therapy. European Urology, 2022, 81, 446-455.	1.9	41
3	Characterization of a castrate-resistant prostate cancer xenograft derived from a patient of West African ancestry. Prostate Cancer and Prostatic Diseases, 2022, 25, 513-523.	3.9	2
4	Patient-derived micro-organospheres enable clinical precision oncology. Cell Stem Cell, 2022, 29, 905-917.e6.	11.1	53
5	Automated next-generation profiling of genomic alterations in human cancers. Nature Communications, 2022, 13, .	12.8	8
6	Reduced MFAP5 expression in stroma of gallbladder adenocarcinoma and its potential diagnostic utility. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 427-434.	2.8	1
7	Results and Clinical Utilization of Foundation Medicine Molecular Tumor Profiling in Uterine and Ovarian Cancers. Targeted Oncology, 2021, 16, 109-118.	3.6	3
8	RNA splicing and aggregate gene expression differences in lung squamous cell carcinoma between patients of West African and European ancestry. Lung Cancer, 2021, 153, 90-98.	2.0	6
9	X-ray fan beam coded aperture transmission and diffraction imaging for fast material analysis. Scientific Reports, 2021, 11, 10585.	3.3	4
10	Expression of X-Linked Inhibitor of Apoptosis Protein (XIAP) in Breast Cancer Is Associated with Shorter Survival and Resistance to Chemotherapy. Cancers, 2021, 13, 2807.	3.7	19
11	Next-Generation Sequencing Concordance Analysis of Comprehensive Solid Tumor Profiling between a Centralized Specialty Laboratory and the Decentralized Personal Genome Diagnostics elio Tissue Complete Kitted Solution. Journal of Molecular Diagnostics, 2021, 23, 1324-1333.	2.8	9
12	Implementation of a Molecular Tumor Registry to Support the Adoption of Precision Oncology Within an Academic Medical Center: The Duke University Experience. JCO Precision Oncology, 2021, 5, 1493-1506.	3.0	4
13	Plasma cells are essentially absent in the luminal gastrointestinal tract of patients with â€œcompleteâ€“ 22q11.2 deletion syndrome (DiGeorge syndrome). Human Pathology, 2021, 117, 1-8.	2.0	0
14	Glycogenic Hepatopathy Causing Elevated Lactic Acid and Liver Enzymes. American Journal of Medicine, 2020, 133, 191-194.	1.5	3
15	Toward Improving Practices for Submission of Diagnostic Tissue Blocks for National Cancer Institute Clinical Trials. American Journal of Clinical Pathology, 2020, 153, 146-148.	0.7	1
16	A Comparative Oncology Drug Discovery Pipeline to Identify and Validate New Treatments for Osteosarcoma. Cancers, 2020, 12, 3335.	3.7	11
17	Prior tonsillectomy is associated with an increased risk of esophageal adenocarcinoma. PLoS ONE, 2020, 15, e0235906.	2.5	1
18	Incidental urothelial rest within the vermiform appendix of a paediatric male patient: an extremely rare entity. BMJ Case Reports, 2020, 13, e233530.	0.5	2

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19	A Precision Medicine Drug Discovery Pipeline Identifies Combined CDK2 and 9 Inhibition as a Novel Therapeutic Strategy in Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2516-2527.	4.1	17
20	Proliferative potential and response to nivolumab in clear cell renal cell carcinoma patients. <i>Oncot Immunology</i> , 2020, 9, 1773200.	4.6	10
21	The Project Baseline Health Study: a step towards a broader mission to map human health. <i>Npj Digital Medicine</i> , 2020, 3, 84.	10.9	38
22	State of the Art: Toward Improving Outcomes of Lung and Liver Tumor Biopsies in Clinical Trials—A Multidisciplinary Approach. <i>Journal of Clinical Oncology</i> , 2020, 38, 1633-1640.	1.6	12
23	Development of a precision medicine pipeline to identify personalized treatments for colorectal cancer. <i>BMC Cancer</i> , 2020, 20, 592.	2.6	14
24	PD-L1 Assay Concordance in Metastatic Renal Cell Carcinoma and Metastatic Urothelial Carcinoma. <i>Clinical Genitourinary Cancer</i> , 2020, 18, 509-513.	1.9	1
25	Biobanking in the COVID-19 Era and Beyond: Part 1. How Early Experiences Can Translate into Actionable Wisdom. <i>Biopreservation and Biobanking</i> , 2020, 18, 533-546.	1.0	12
26	Abstract B071: Genomic differences between non-small cell lung cancer (NSCLC) in African American and white patients. , 2020, , .		0
27	Abstract A114: Characterization of a metastatic prostate cancer xenograft derived from a patient of African ancestry. , 2020, , .		0
28	Abstract B035: Identification of a tumor cell adaptive stress response signaling pathway, which drives aggressive breast cancer phenotype and therapeutic resistance, in African American patients with locally advanced breast cancer subtypes. , 2020, , .		0
29	Biobanking in the COVID-19 Era and Beyond: Part 2. A Set of Tool Implementation Case Studies. <i>Biopreservation and Biobanking</i> , 2020, 18, 547-560.	1.0	8
30	Precision Pathology as Part of Precision Medicine: Are We Optimizing Patients'™ Interests in Prioritizing Use of Limited Tissue Samples?. <i>JCO Precision Oncology</i> , 2019, 3, 1-6.	3.0	8
31	Perspectives on Inflammatory Breast Cancer (IBC) Research, Clinical Management and Community Engagement from the Duke IBC Consortium. <i>Journal of Cancer</i> , 2019, 10, 3344-3351.	2.5	19
32	Next generation sequencing of PD-L1 for predicting response to immune checkpoint inhibitors. , 2019, 7, 18.		72
33	Proliferative potential and resistance to immune checkpoint blockade in lung cancer patients. , 2019, 7, 27.		66
34	Targeting cellular heterogeneity with CXCR2 blockade for the treatment of therapy-resistant prostate cancer. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	63
35	Evaluation of tumor microenvironment and biomarkers of immune checkpoint inhibitor (ICI) response in metastatic renal cell carcinoma (mRCC).. <i>Journal of Clinical Oncology</i> , 2019, 37, 2595-2595.	1.6	1
36	Characterization of tumor mutational burden (TMB), PD-L1, and DNA repair genes to assess correlation with immune checkpoint inhibitors (ICIs) response in metastatic renal cell carcinoma (mRCC).. <i>Journal of Clinical Oncology</i> , 2019, 37, e16079-e16079.	1.6	3

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37	Concordance between PD-L1 assays for metastatic renal cell carcinoma (mRCC) and metastatic urothelial carcinoma (mUC).. Journal of Clinical Oncology, 2019, 37, 577-577.	1.6	1
38	Characterization of tumor mutational burden (TMB), PD-L1, and DNA repair genes to assess correlation with immune checkpoint inhibitors (ICIs) response in metastatic renal cell carcinoma (mRCC).. Journal of Clinical Oncology, 2019, 37, 589-589.	1.6	5
39	Evaluation of tumor microenvironment and biomarkers of immune checkpoint inhibitor (ICI) response in metastatic renal cell carcinoma (mRCC).. Journal of Clinical Oncology, 2019, 37, 607-607.	1.6	2
40	Evaluation of tumor microenvironment and biomarkers of immune checkpoint inhibitor (ICI) response in metastatic renal cell carcinoma (mRCC).. Journal of Clinical Oncology, 2019, 37, 63-63.	1.6	0
41	Cell proliferation as a biomarker for response to immune checkpoint inhibitors in highly inflamed renal cell carcinoma.. Journal of Clinical Oncology, 2019, 37, 61-61.	1.6	0
42	Cell proliferation as a biomarker for response to immune checkpoint inhibitors in PD-L1 negative renal cell carcinoma.. Journal of Clinical Oncology, 2019, 37, 62-62.	1.6	2
43	Characterization of genomic alterations as biomarkers of immune checkpoint inhibitor (ICI) response in metastatic urothelial carcinoma (mUC).. Journal of Clinical Oncology, 2019, 37, 400-400.	1.6	0
44	Concordance between PD-L1 assays for metastatic renal cell carcinoma (mRCC) and metastatic urothelial carcinoma (mUC).. Journal of Clinical Oncology, 2019, 37, e14259-e14259.	1.6	0
45	Targeting the human epidermal growth factor receptor 2 (HER2) oncogene in colorectal cancer. Annals of Oncology, 2018, 29, 1108-1119.	1.2	177
46	Overexpression of SOX11 and TFE3 in Solid-Pseudopapillary Neoplasms of the Pancreas. American Journal of Clinical Pathology, 2018, 149, 67-75.	0.7	34
47	The College of American Pathologists Biorepository Accreditation Program: Results from the First 5 Years. Biopreservation and Biobanking, 2018, 16, 16-22.	1.0	23
48	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. Cancer Cell, 2018, 33, 721-735.e8.	16.8	396
49	Characterization of the Epidermal Growth Factor Receptor T790M Mutation in Colorectal Cancer. JCO Precision Oncology, 2018, 2, 1-7.	3.0	1
50	Esophageal submucosal glands as a potential source of subsquamous intestinal metaplasia in Barrett's esophagus. Gastrointestinal Endoscopy, 2018, 88, 200-201.	1.0	2
51	Metastatic Renal Cell Carcinoma as Solitary Subcentimeter Polypoid Gastric Mucosal Lesions: Clinicopathologic Analysis of Five Cases. Gastroenterology Research, 2018, 11, 25-30.	1.3	4
52	Professional Practice Evaluation for Pathologists: The Development, Life, and Death of the Evalumetrics Program. Archives of Pathology and Laboratory Medicine, 2017, 141, 551-558.	2.5	3
53	Ductular and proliferative response of esophageal submucosal glands in a porcine model of esophageal injury and repair. American Journal of Physiology - Renal Physiology, 2017, 313, G180-G191.	3.4	33
54	Coded aperture coherent scatter spectral imaging for assessment of breast cancers: an ex-vivo demonstration. , 2017, , .		3

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55	Porcine Esophageal Submucosal Gland Culture Model Shows Capacity for Proliferation and Differentiation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 4, 385-404.	4.5	32
56	Immune Activation in Early-Stage Non-Small Cell Lung Cancer Patients Receiving Neoadjuvant Chemotherapy Plus Ipilimumab. <i>Clinical Cancer Research</i> , 2017, 23, 7474-7482.	7.0	65
57	A Landscape of Therapeutic Cooperativity in KRAS Mutant Cancers Reveals Principles for Controlling Tumor Evolution. <i>Cell Reports</i> , 2017, 20, 999-1015.	6.4	77
58	Melanoma Therapeutic Strategies that Select against Resistance by Exploiting MYC-Driven Evolutionary Convergence. <i>Cell Reports</i> , 2017, 21, 2796-2812.	6.4	77
59	Biobanking Budgets and the Role of Pathology Biobanks in Precision Medicine. <i>Academic Pathology</i> , 2017, 4, 2374289517702924.	1.1	16
60	Radiographic and endoscopic regression of metastatic gastric cancer to the colon in the setting of 5-aminosalicylic acid use. <i>Journal of Gastrointestinal Oncology</i> , 2016, 6, E88-E92.	1.4	1
61	PIK3CA mutations enable targeting of a breast tumor dependency through mTOR-mediated MCL-1 translation. <i>Science Translational Medicine</i> , 2016, 8, 369ra175.	12.4	49
62	Physician Satisfaction With Clinical Laboratory Services: A College of American Pathologists Q-Probes Study of 81 Institutions. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 1098-1103.	2.5	22
63	TGF- β -induced stromal CYR61 promotes resistance to gemcitabine in pancreatic ductal adenocarcinoma through downregulation of the nucleoside transporters hENT1 and hCNT3. <i>Carcinogenesis</i> , 2016, 37, 1041-1051.	2.8	67
64	Mixed Adenoneuroendocrine Carcinoma, Amphicrine Type, of the Small Bowel. <i>American Journal of Clinical Pathology</i> , 2016, 145, 703-709.	0.7	15
65	Primary high-grade neuroendocrine carcinoma emerging from an adenomatous polyp in the setting of familial adenomatous polyposis. <i>BMJ Case Reports</i> , 2016, 2016, bcr2015214206.	0.5	3
66	Ductal metaplasia in oesophageal submucosal glands is associated with inflammation and oesophageal adenocarcinoma. <i>Histopathology</i> , 2015, 67, 771-782.	2.9	50
67	Endogenous elevation of plasma cholecystokinin does not prevent gallstones. <i>European Journal of Clinical Investigation</i> , 2015, 45, 237-246.	3.4	8
68	Mismatch repair gone awry: Management of Lynch syndrome. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 93, 170-179.	4.4	5
69	The Molecular Taxonomy of Primary Prostate Cancer. <i>Cell</i> , 2015, 163, 1011-1025.	28.9	2,435
70	Radiosensitive orbital metastasis as presentation of occult colonic adenocarcinoma. <i>BMJ Case Reports</i> , 2014, 2014, bcr2014206407-bcr2014206407.	0.5	7
71	Q-Probes Studies in Anatomic Pathology: Quality Improvement Through Targeted Benchmarking. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 1156-1166.	2.5	15
72	Phase I study of dasatinib in combination with capecitabine, oxaliplatin and bevacizumab followed by an expanded cohort in previously untreated metastatic colorectal cancer. <i>Investigational New Drugs</i> , 2014, 32, 330-339.	2.6	18

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73	Comprehensive molecular characterization of gastric adenocarcinoma. <i>Nature</i> , 2014, 513, 202-209.	27.8	5,055
74	Identification and validation of actionable mutations in solid tumors.. <i>Journal of Clinical Oncology</i> , 2014, 32, e22149-e22149.	1.6	1
75	Patterns of failure for stage I ampulla of Vater adenocarcinoma: a single institutional experience. <i>Journal of Gastrointestinal Oncology</i> , 2014, 5, 421-7.	1.4	6
76	Patterns of Failure for Stage I Ampulla of Vater Adenocarcinoma: A Single Institutional Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, S317.	0.8	1
77	Correlation of Src activation with response to dasatinib, capecitabine, oxaliplatin, and bevacizumab in advanced solid tumors.. <i>Journal of Clinical Oncology</i> , 2013, 31, 11036-11036.	1.6	0
78	The role of local excision in invasive adenocarcinoma of the ampulla of Vater. <i>Journal of Gastrointestinal Oncology</i> , 2013, 4, 8-13.	1.4	9
79	Costaining for keratins 8/18 plus ubiquitin improves detection of hepatocyte injury in nonalcoholic fatty liver disease. <i>Human Pathology</i> , 2012, 43, 790-800.	2.0	70
80	Histological and Molecular Evaluation of Patient-Derived Colorectal Cancer Explants. <i>PLoS ONE</i> , 2012, 7, e38422.	2.5	55
81	A phase I/II study of capecitabine (Cape), oxaliplatin (Ox), panitumumab (Pmab), and external beam radiation therapy (RT) for patients with esophagogastric carcinoma (EC).. <i>Journal of Clinical Oncology</i> , 2012, 30, 68-68.	1.6	0
82	Hedgehog activity, epithelial-mesenchymal transitions, and biliary dysmorphogenesis in biliary atresia. <i>Hepatology</i> , 2011, 53, 1246-1258.	7.3	92
83	Rho GTPase activity modulates Wnt3a/ β -catenin signaling. <i>Cellular Signalling</i> , 2009, 21, 1559-1568.	3.6	46
84	Diacylglycerol acyltransferase 1 anti-sense oligonucleotides reduce hepatic fibrosis in mice with nonalcoholic steatohepatitis. <i>Hepatology</i> , 2008, 47, 625-635.	7.3	89
85	Fructose consumption as a risk factor for non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2008, 48, 993-999.	3.7	718
86	Pharmacologic Disruption of TRPV1-Expressing Primary Sensory Neurons But Not Genetic Deletion of TRPV1 Protects Mice Against Pancreatitis. <i>Pancreas</i> , 2008, 36, 394-401.	1.1	27
87	Aminoaciduria and altered renal expression of luminal amino acid transporters in mice lacking novel gene collectrin. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F533-F544.	2.7	103
88	Inhibiting triglyceride synthesis improves hepatic steatosis but exacerbates liver damage and fibrosis in obese mice with nonalcoholic steatohepatitis. <i>Hepatology</i> , 2007, 45, 1366-1374.	7.3	879
89	Bile ductules and stromal cells express hedgehog ligands and/or hedgehog target genes in primary biliary cirrhosis. <i>Hepatology</i> , 2007, 45, 1091-1096.	7.3	118
90	Hedgehog-mediated mesenchymal-epithelial interactions modulate hepatic response to bile duct ligation. <i>Laboratory Investigation</i> , 2007, 87, 499-514.	3.7	164

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91	Interleukin-15 increases hepatic regenerative activity. <i>Journal of Hepatology</i> , 2006, 45, 410-418.	3.7	37
92	Evidence for epithelial-mesenchymal transitions in adult liver cells. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G575-G583.	3.4	104
93	Development and Cardiac Contractility: Cardiac Troponin T Isoforms and Cytosolic Calcium in Rabbit. <i>Pediatric Research</i> , 2006, 60, 276-281.	2.3	12
94	Loss of heterozygosity of M6P/IGF2R gene is an early event in the development of prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2006, 9, 62-67.	3.9	21
95	Pulmonary Embolization of Microcrystalline Cellulose in a Lung Transplant Recipient. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 624-627.	0.6	24
96	Prognostic significance of microvascular thrombosis in donor kidney allograft biopsies1. <i>Transplantation</i> , 2003, 75, 1847-1852.	1.0	38