

Shannon J McCall

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

11,833
citations

159525

30
h-index

58549

82
g-index

96
all docs

96
docs citations

96
times ranked

20738
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive molecular characterization of gastric adenocarcinoma. <i>Nature</i> , 2014, 513, 202-209.	13.7	5,055
2	The Molecular Taxonomy of Primary Prostate Cancer. <i>Cell</i> , 2015, 163, 1011-1025.	13.5	2,435
3	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.	3.6	879
4	Fructose consumption as a risk factor for non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2008, 48, 993-999.	1.8	718
5	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. <i>Cancer Cell</i> , 2018, 33, 721-735.e8.	7.7	396
6	Targeting the human epidermal growth factor receptor 2 (HER2) oncogene in colorectal cancer. <i>Annals of Oncology</i> , 2018, 29, 1108-1119.	0.6	177
7	Hedgehog-mediated mesenchymal-epithelial interactions modulate hepatic response to bile duct ligation. <i>Laboratory Investigation</i> , 2007, 87, 499-514.	1.7	164
8	Bile ductules and stromal cells express hedgehog ligands and/or hedgehog target genes in primary biliary cirrhosis. <i>Hepatology</i> , 2007, 45, 1091-1096.	3.6	118
9	Evidence for epithelial-mesenchymal transitions in adult liver cells. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G575-G583.	1.6	104
10	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.	1.3	103
11	Hedgehog activity, epithelial-mesenchymal transitions, and biliary dysmorphogenesis in biliary atresia. <i>Hepatology</i> , 2011, 53, 1246-1258.	3.6	92
12	Diacylglycerol acyltransferase 1 anti-sense oligonucleotides reduce hepatic fibrosis in mice with nonalcoholic steatohepatitis. <i>Hepatology</i> , 2008, 47, 625-635.	3.6	89
13	A Landscape of Therapeutic Cooperativity in KRAS Mutant Cancers Reveals Principles for Controlling Tumor Evolution. <i>Cell Reports</i> , 2017, 20, 999-1015.	2.9	77
14	Melanoma Therapeutic Strategies that Select against Resistance by Exploiting MYC-Driven Evolutionary Convergence. <i>Cell Reports</i> , 2017, 21, 2796-2812.	2.9	77
15	Next generation sequencing of PD-L1 for predicting response to immune checkpoint inhibitors. , 2019, 7, 18.		72
16	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.	1.1	70
17	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.	1.3	67
18	Proliferative potential and resistance to immune checkpoint blockade in lung cancer patients. , 2019, 7, 27.		66

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19	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.	3.2	65
20	Targeting cellular heterogeneity with CXCR2 blockade for the treatment of therapy-resistant prostate cancer. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	63
21	Histological and Molecular Evaluation of Patient-Derived Colorectal Cancer Explants. <i>PLoS ONE</i> , 2012, 7, e38422.	1.1	55
22	Patient-derived micro-organospheres enable clinical precision oncology. <i>Cell Stem Cell</i> , 2022, 29, 905-917.e6.	5.2	53
23	Ductal metaplasia in oesophageal submucosal glands is associated with inflammation and oesophageal adenocarcinoma. <i>Histopathology</i> , 2015, 67, 771-782.	1.6	50
24	<i>PIK3CA</i> mutations enable targeting of a breast tumor dependency through mTOR-mediated MCL-1 translation. <i>Science Translational Medicine</i> , 2016, 8, 369ra175.	5.8	49
25	Rho GTPase activity modulates Wnt3a/ β -catenin signaling. <i>Cellular Signalling</i> , 2009, 21, 1559-1568.	1.7	46
26	Pre-existing Castration-resistant Prostate Cancer-like Cells in Primary Prostate Cancer Promote Resistance to Hormonal Therapy. <i>European Urology</i> , 2022, 81, 446-455.	0.9	41
27	Prognostic significance of microvascular thrombosis in donor kidney allograft biopsies1. <i>Transplantation</i> , 2003, 75, 1847-1852.	0.5	38
28	The Project Baseline Health Study: a step towards a broader mission to map human health. <i>Npj Digital Medicine</i> , 2020, 3, 84.	5.7	38
29	Interleukin-15 increases hepatic regenerative activity. <i>Journal of Hepatology</i> , 2006, 45, 410-418.	1.8	37
30	Overexpression of SOX11 and TFE3 in Solid-Pseudopapillary Neoplasms of the Pancreas. <i>American Journal of Clinical Pathology</i> , 2018, 149, 67-75.	0.4	34
31	Ductular and proliferative response of esophageal submucosal glands in a porcine model of esophageal injury and repair. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G180-G191.	1.6	33
32	Porcine Esophageal Submucosal Gland Culture Model Shows Capacity for Proliferation and Differentiation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 4, 385-404.	2.3	32
33	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.	0.5	27
34	Pulmonary Embolization of Microcrystalline Cellulose in a Lung Transplant Recipient. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 624-627.	0.3	24
35	The College of American Pathologists Biorepository Accreditation Program: Results from the First 5 Years. <i>Biopreservation and Biobanking</i> , 2018, 16, 16-22.	0.5	23
36	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.	1.2	22

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37	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.	2.0	21
38	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.	1.2	19
39	Expression of X-Linked Inhibitor of Apoptosis Protein (XIAP) in Breast Cancer Is Associated with Shorter Survival and Resistance to Chemotherapy. <i>Cancers</i> , 2021, 13, 2807.	1.7	19
40	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.	1.2	18
41	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.	1.9	17
42	Biobankingâ€™ Budgets and the Role of Pathology Biobanks in Precision Medicine. <i>Academic Pathology</i> , 2017, 4, 2374289517702924.	0.7	16
43	Q-Probes Studies in Anatomic Pathology: Quality Improvement Through Targeted Benchmarking. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 1156-1166.	1.2	15
44	Mixed Adenoneuroendocrine Carcinoma, Amphicrine Type, of the Small Bowel. <i>American Journal of Clinical Pathology</i> , 2016, 145, 703-709.	0.4	15
45	Development of a precision medicine pipeline to identify personalized treatments for colorectal cancer. <i>BMC Cancer</i> , 2020, 20, 592.	1.1	14
46	Development and Cardiac Contractility: Cardiac Troponin T Isoforms and Cytosolic Calcium in Rabbit. <i>Pediatric Research</i> , 2006, 60, 276-281.	1.1	12
47	State of the Art: Toward Improving Outcomes of Lung and Liver Tumor Biopsies in Clinical Trialsâ€™ A Multidisciplinary Approach. <i>Journal of Clinical Oncology</i> , 2020, 38, 1633-1640.	0.8	12
48	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.	0.5	12
49	A Comparative Oncology Drug Discovery Pipeline to Identify and Validate New Treatments for Osteosarcoma. <i>Cancers</i> , 2020, 12, 3335.	1.7	11
50	Proliferative potential and response to nivolumab in clear cell renal cell carcinoma patients. <i>Oncolmmunology</i> , 2020, 9, 1773200.	2.1	10
51	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. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1324-1333.	1.2	9
52	The role of local excision in invasive adenocarcinoma of the ampulla of Vater. <i>Journal of Gastrointestinal Oncology</i> , 2013, 4, 8-13.	0.6	9
53	Endogenous elevation of plasma cholecystokinin does not prevent gallstones. <i>European Journal of Clinical Investigation</i> , 2015, 45, 237-246.	1.7	8
54	Precision Pathology as Part of Precision Medicine: Are We Optimizing Patientsâ€™™ Interests in Prioritizing Use of Limited Tissue Samples?. <i>JCO Precision Oncology</i> , 2019, 3, 1-6.	1.5	8

#	ARTICLE	IF	CITATIONS
55	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.	0.5	8
56	Automated next-generation profiling of genomic alterations in human cancers. <i>Nature Communications</i> , 2022, 13, .	5.8	8
57	Radiosensitive orbital metastasis as presentation of occult colonic adenocarcinoma. <i>BMJ Case Reports</i> , 2014, 2014, bcr2014206407-bcr2014206407.	0.2	7
58	RNA splicing and aggregate gene expression differences in lung squamous cell carcinoma between patients of West African and European ancestry. <i>Lung Cancer</i> , 2021, 153, 90-98.	0.9	6
59	Patterns of failure for stage I ampulla of Vater adenocarcinoma: a single institutional experience. <i>Journal of Gastrointestinal Oncology</i> , 2014, 5, 421-7.	0.6	6
60	Mismatch repair gone awry: Management of Lynch syndrome. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 93, 170-179.	2.0	5
61	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, 589-589.	0.8	5
62	X-ray fan beam coded aperture transmission and diffraction imaging for fast material analysis. <i>Scientific Reports</i> , 2021, 11, 10585.	1.6	4
63	A Hybrid Humanâ€“Machine Learning Approach for Screening Prostate Biopsies Can Improve Clinical Efficiency Without Compromising Diagnostic Accuracy. <i>Archives of Pathology and Laboratory Medicine</i> , 2022, 146, 727-734.	1.2	4
64	Implementation of a Molecular Tumor Registry to Support the Adoption of Precision Oncology Within an Academic Medical Center: The Duke University Experience. <i>JCO Precision Oncology</i> , 2021, 5, 1493-1506.	1.5	4
65	Metastatic Renal Cell Carcinoma as Solitary Subcentimeter Polypoid Gastric Mucosal Lesions: Clinicopathologic Analysis of Five Cases. <i>Gastroenterology Research</i> , 2018, 11, 25-30.	0.4	4
66	Professional Practice Evaluation for Pathologists: The Development, Life, and Death of the Evalumetrics Program. <i>Archives of Pathology and Laboratory Medicine</i> , 2017, 141, 551-558.	1.2	3
67	Coded aperture coherent scatter spectral imaging for assessment of breast cancers: an ex-vivo demonstration. , 2017, , .		3
68	Glycogenic Hepatopathy Causing Elevated Lactic Acid and Liver Enzymes. <i>American Journal of Medicine</i> , 2020, 133, 191-194.	0.6	3
69	Results and Clinical Utilization of Foundation Medicine Molecular Tumor Profiling in Uterine and Ovarian Cancers. <i>Targeted Oncology</i> , 2021, 16, 109-118.	1.7	3
70	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.	0.2	3
71	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.	0.8	3
72	Esophageal submucosal glands as a potential source of subsquamous intestinal metaplasia in Barrett's esophagus. <i>Gastrointestinal Endoscopy</i> , 2018, 88, 200-201.	0.5	2

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73	Incidental urothelial rest within the vermiform appendix of a paediatric male patient: an extremely rare entity. <i>BMJ Case Reports</i> , 2020, 13, e233530.	0.2	2
74	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, 607-607.	0.8	2
75	Cell proliferation as a biomarker for response to immune checkpoint inhibitors in PD-L1 negative renal cell carcinoma.. <i>Journal of Clinical Oncology</i> , 2019, 37, 62-62.	0.8	2
76	Characterization of a castrate-resistant prostate cancer xenograft derived from a patient of West African ancestry. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 513-523.	2.0	2
77	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.	0.4	1
78	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.	0.6	1
79	Characterization of the Epidermal Growth Factor Receptor T790M Mutation in Colorectal Cancer. <i>JCO Precision Oncology</i> , 2018, 2, 1-7.	1.5	1
80	Toward Improving Practices for Submission of Diagnostic Tissue Blocks for National Cancer Institute Clinical Trials. <i>American Journal of Clinical Pathology</i> , 2020, 153, 146-148.	0.4	1
81	Prior tonsillectomy is associated with an increased risk of esophageal adenocarcinoma. <i>PLoS ONE</i> , 2020, 15, e0235906.	1.1	1
82	PD-L1 Assay Concordance in Metastatic Renal Cell Carcinoma and Metastatic Urothelial Carcinoma. <i>Clinical Genitourinary Cancer</i> , 2020, 18, 509-513.	0.9	1
83	Reduced MFAP5 expression in stroma of gallbladder adenocarcinoma and its potential diagnostic utility. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 427-434.	1.4	1
84	Identification and validation of actionable mutations in solid tumors.. <i>Journal of Clinical Oncology</i> , 2014, 32, e22149-e22149.	0.8	1
85	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.	0.8	1
86	Concordance between PD-L1 assays for metastatic renal cell carcinoma (mRCC) and metastatic urothelial carcinoma (mUC).. <i>Journal of Clinical Oncology</i> , 2019, 37, 577-577.	0.8	1
87	Plasma cells are essentially absent in the luminal gastrointestinal tract of patients with complete 22q11.2 deletion syndrome (DiGeorge syndrome). <i>Human Pathology</i> , 2021, 117, 1-8.	1.1	0
88	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.	0.8	0
89	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.	0.8	0
90	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, 63-63.	0.8	0

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91	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.	0.8	0
92	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.	0.8	0
93	Concordance between PD-L1 assays for metastatic renal cell carcinoma (mRCC) and metastatic urothelial carcinoma (mUC).. Journal of Clinical Oncology, 2019, 37, e14259-e14259.	0.8	0
94	Abstract B071: Genomic differences between non-small cell lung cancer (NSCLC) in African American and white patients. , 2020, , .		0
95	Abstract A114: Characterization of a metastatic prostate cancer xenograft derived from a patient of African ancestry. , 2020, , .		0
96	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