Rita A Lawlor

List of Publications by Citations

117 papers	10,688 citations	32 h-index	103 g-index
126 ext. papers	13,513 ext. citations	9.4 avg, IF	4.91 L-index

#	Paper	IF	Citations
117	Genomic analyses identify molecular subtypes of pancreatic cancer. *Nature*, **2016**, 531, 47-52	50.4	1785
116	International network of cancer genome projects. *Nature*, **2010**, 464, 993-8	50.4	1613
115	Whole genomes redefine the mutational landscape of pancreatic cancer. *Nature*, **2015**, 518, 495-501	50.4	1579
114	Pancreatic cancer genomes reveal aberrations in axon guidance pathway genes. *Nature*, **2012**, 491, 399-405	50.4	1427
113	Whole-genome landscape of pancreatic neuroendocrine tumours. *Nature*, **2017**, 543, 65-71	50.4	482
112	Exome sequencing identifies frequent inactivating mutations in BAP1, ARID1A and PBRM1 in intrahepatic cholangiocarcinomas. *Nature Genetics*, **2013**, 45, 1470-1473	36.3	464
111	Research capacity. Enabling the genomic revolution in Africa. *Science*, **2014**, 344, 1346-8	33.3	256
110	Targeted next-generation sequencing of cancer genes dissects the molecular profiles of intraductal papillary neoplasms of the pancreas. *Journal of Pathology*, **2014**, 233, 217-27	9.4	240
109	DNA qualification workflow for next generation sequencing of histopathological samples. *PLoS ONE*, **2013**, 8, e62692	3.7	164
108	Genomic characterization of biliary tract cancers identifies driver genes and predisposing mutations. *Journal of Hepatology*, **2018**, 68, 959-969	13.4	149
107	Genome-wide DNA methylation patterns in pancreatic ductal adenocarcinoma reveal epigenetic deregulation of SLIT-ROBO, ITGA2 and MET signaling. *International Journal of Cancer*, **2014**, 135, 1110-8	7.5	149
106	Multigene mutational profiling of cholangiocarcinomas identifies actionable molecular subgroups. *Oncotarget*, **2014**, 5, 2839-52	3.3	134
105	Hypermutation In Pancreatic Cancer. *Gastroenterology*, **2017**, 152, 68-74.e2	13.3	130
104	Lung neuroendocrine tumours: deep sequencing of the four World Health Organization histotypes reveals chromatin-remodelling genes as major players and a prognostic role for TERT, RB1, MEN1 and KMT2D. *Journal of Pathology*, **2017**, 241, 488-500	9.4	122
103	Histomolecular phenotypes and outcome in adenocarcinoma of the ampulla of vater. *Journal of Clinical Oncology*, **2013**, 31, 1348-56	2.2	112
102	Genome-wide meta-analysis identifies five new susceptibility loci for pancreatic cancer. *Nature Communications*, **2018**, 9, 556	17.4	103
101	A Cross-Species Analysis in Pancreatic Neuroendocrine Tumors Reveals Molecular Subtypes with Distinctive Clinical, Metastatic, Developmental, and Metabolic Characteristics. *Cancer Discovery*, **2015**, 5, 1296-313	24.4	100

100	Immunosuppression by monocytic myeloid-derived suppressor cells in patients with pancreatic ductal carcinoma is orchestrated by STAT3 **2019**, 7, 255		81
99	A multimodality test to guide the management of patients with a pancreatic cyst. *Science Translational Medicine*, **2019**, 11,	17.5	71
98	Comprehensive characterisation of pancreatic ductal adenocarcinoma with microsatellite instability: histology, molecular pathology and clinical implications. *Gut*, **2021**, 70, 148-156	19.2	64
97	Building capacity for sustainable research programmes for cancer in Africa. *Nature Reviews Clinical Oncology*, **2014**, 11, 251-9	19.4	61
96	BRCA somatic and germline mutation detection in paraffin embedded ovarian cancers by next-generation sequencing. *Oncotarget*, **2016**, 7, 1076-83	3.3	58
95	Urine metabolic signature of pancreatic ductal adenocarcinoma by (1)h nuclear magnetic resonance: identification, mapping, and evolution. *Journal of Proteome Research*, **2012**, 11, 1274-83	5.6	55
94	Cholangiocarcinoma Heterogeneity Revealed by Multigene Mutational Profiling: Clinical and Prognostic Relevance in Surgically Resected Patients. *Annals of Surgical Oncology*, **2016**, 23, 1699-707	3.1	52
93	Competitive Testing of the WHO 2010 versus the WHO 2017 Grading of Pancreatic Neuroendocrine Neoplasms: Data from a Large International Cohort Study. *Neuroendocrinology*, **2018**, 107, 375-386	5.6	52
92	Gene Expression Profiling of Lung Atypical Carcinoids and Large Cell Neuroendocrine Carcinomas Identifies Three Transcriptomic Subtypes with Specific Genomic Alterations. *Journal of Thoracic Oncology*, **2019**, 14, 1651-1661	8.9	44
91	Genetic Analysis of Small Well-differentiated Pancreatic Neuroendocrine Tumors Identifies Subgroups With Differing Risks of Liver Metastases. *Annals of Surgery*, **2020**, 271, 566-573	7.8	42
90	Loss of BAP1 Expression Occurs Frequently in Intrahepatic Cholangiocarcinoma. *Medicine (United States)*, **2016**, 95, e2491	1.8	39
89	Reduced risk of pancreatic cancer associated with asthma and nasal allergies. *Gut*, **2017**, 66, 314-322	19.2	37
88	HNF4A and GATA6 Loss Reveals Therapeutically Actionable Subtypes in Pancreatic Cancer. *Cell Reports*, **2020**, 31, 107625	10.6	34
87	The integrin V6 drives pancreatic cancer through diverse mechanisms and represents an effective target for therapy. *Journal of Pathology*, **2019**, 249, 332-342	9.4	34
86	Reporting tumor molecular heterogeneity in histopathological diagnosis. *PLoS ONE*, **2014**, 9, e104979	3.7	34
85	Evaluation of cell-free DNA as a biomarker for pancreatic malignancies. *International Journal of Biological Markers*, **2015**, 30, e136-41	2.8	32
84	Targeting DNA Damage Response and Replication Stress in Pancreatic Cancer. *Gastroenterology*, **2021**, 160, 362-377.e13	13.3	32
83	Induction of immunosuppressive functions and NF-B by FLIP in monocytes. *Nature Communications*, **2018**, 9, 5193	17.4	31

82	Telomere length and health outcomes: An umbrella review of systematic reviews and meta-analyses of observational studies. *Ageing Research Reviews*, **2019**, 51, 1-10	12	30
81	Molecular Tumor Boards in Clinical Practice. *Trends in Cancer*, **2020**, 6, 738-744	12.5	29
80	Genetic alterations analysis in prognostic stratified groups identified TP53 and ARID1A as poor clinical performance markers in intrahepatic cholangiocarcinoma. *Scientific Reports*, **2018**, 8, 7119	4.9	25
79	Ampulla of Vater Carcinoma: Sequencing Analysis Identifies TP53 Status as a Novel Independent Prognostic Factor and Potentially Actionable ERBB, PI3K, and WNT Pathways Gene Mutations. *Annals of Surgery*, **2018**, 267, 149-156	7.8	24
78	Prognostic Role of High-Grade Tumor Budding in Pancreatic Ductal Adenocarcinoma: A Systematic Review and Meta-Analysis with a Focus on Epithelial to Mesenchymal Transition. *Cancers*, **2019**, 11,	6.6	23
77	Analytical Validation of Multiplex Biomarker Assay to Stratify Colorectal Cancer into Molecular Subtypes. *Scientific Reports*, **2019**, 9, 7665	4.9	23
76	Cyst Fluid Biosignature to Predict Intraductal Papillary Mucinous Neoplasms of the Pancreas with High Malignant Potential. *Journal of the American College of Surgeons*, **2019**, 228, 721-729	4.4	23
75	PD-1, PD-L1, and CD163 in pancreatic undifferentiated carcinoma with osteoclast-like giant cells: expression patterns and clinical implications. *Human Pathology*, **2018**, 81, 157-165	3.7	23
74	Alternative lengthening of telomeres (ALT) influences survival in soft tissue sarcomas: a systematic review with meta-analysis. *BMC Cancer*, **2019**, 19, 232	4.8	22
73	Genetic determinants of telomere length and risk of pancreatic cancer: A PANDoRA study. *International Journal of Cancer*, **2019**, 144, 1275-1283	7.5	22
72	Molecular alterations associated with metastases of solid pseudopapillary neoplasms of the pancreas. *Journal of Pathology*, **2019**, 247, 123-134	9.4	22
71	Splice variants as novel targets in pancreatic ductal adenocarcinoma. *Scientific Reports*, **2017**, 7, 2980	4.9	21
70	Mutational and copy number asset of primary sporadic neuroendocrine tumors of the small intestine. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2018**, 473, 709-717	5.1	21
69	Ampulla of Vater carcinoma: Molecular landscape and clinical implications. *World Journal of Gastrointestinal Oncology*, **2018**, 10, 370-380	3.4	19
68	Histo-molecular oncogenesis of pancreatic cancer: From precancerous lesions to invasive ductal adenocarcinoma. *World Journal of Gastrointestinal Oncology*, **2018**, 10, 317-327	3.4	18
67	KRAS wild-type pancreatic ductal adenocarcinoma: molecular pathology and therapeutic opportunities. *Journal of Experimental and Clinical Cancer Research*, **2020**, 39, 227	12.8	18
66	Disabled Homolog 2 Controls Prometastatic Activity of Tumor-Associated Macrophages. *Cancer Discovery*, **2020**, 10, 1758-1773	24.4	17
65	Deciphering the complex interplay between pancreatic cancer, diabetes mellitus subtypes and obesity/BMI through causal inference and mediation analyses. *Gut*, **2021**, 70, 319-329	19.2	16

64	A systems approach identifies time-dependent associations of multimorbidities with pancreatic cancer risk. *Annals of Oncology*, **2017**, 28, 1618-1624	10.3	15
63	Germline BRCA2 K3326X and CHEK2 I157T mutations increase risk for sporadic pancreatic ductal adenocarcinoma. *International Journal of Cancer*, **2019**, 145, 686-693	7.5	15
62	Pancreatic Cancer Risk in Relation to Lifetime Smoking Patterns, Tobacco Type, and Dose-Response Relationships. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 1009-1018	4	15
61	CD200 expression is a feature of solid pseudopapillary neoplasms of the pancreas. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2019**, 474, 105-109	5.1	15
60	Non-functional pancreatic neuroendocrine tumours: ATRX/DAXX and alternative lengthening of telomeres (ALT) are prognostically independent from ARX/PDX1 expression and tumour size. *Gut*, **2021**,	19.2	15
59	The pattern of hMENA isoforms is regulated by TGF-1 in pancreatic cancer and may predict patient outcome. *OncoImmunology*, **2016**, 5, e1221556	7.2	15
58	Whole-exome sequencing of duodenal neuroendocrine tumors in patients with neurofibromatosis type 1. *Modern Pathology*, **2018**, 31, 1532-1538	9.8	15
57	Endoscopic ultrasound-guided fine-needle aspiration for the diagnosis and grading of pancreatic neuroendocrine tumors: a retrospective analysis of 110 cases. *Endoscopy*, **2020**, 52, 988-994	3.4	14
56	Pancreatic cancer arising in the remnant pancreas is not always a relapse of the preceding primary. *Modern Pathology*, **2019**, 32, 659-665	9.8	14
55	Multiregion whole-exome sequencing of intraductal papillary mucinous neoplasms reveals frequent somatic mutations predominantly in low-grade regions. *Gut*, **2021**, 70, 928-939	19.2	14
54	Comparison Between Prognostic Classifications in De Novo Metastatic Hormone Sensitive Prostate Cancer. *Targeted Oncology*, **2018**, 13, 649-655	5	13
53	Exosomal miRNA signatures of pancreatic lesions. *BMC Gastroenterology*, **2020**, 20, 137	3	12
52	Biospecimens and Biobanking in Global Health. *Clinics in Laboratory Medicine*, **2018**, 38, 183-207	2.1	12
51	Common genetic variants associated with pancreatic adenocarcinoma may also modify risk of pancreatic neuroendocrine neoplasms. *Carcinogenesis*, **2018**, 39, 360-367	4.6	12
50	SLC22A3 polymorphisms do not modify pancreatic cancer risk, but may influence overall patient survival. *Scientific Reports*, **2017**, 7, 43812	4.9	11
49	The actin modulator hMENA regulates GAS6-AXL axis and pro-tumor cancer/stromal cell cooperation. *EMBO Reports*, **2020**, 21, e50078	6.5	11
48	DNA methylation patterns identify subgroups of pancreatic neuroendocrine tumors with clinical association. *Communications Biology*, **2021**, 4, 155	6.7	11
47	Genome-wide association study identifies an early onset pancreatic cancer risk locus. *International Journal of Cancer*, **2020**, 147, 2065-2074	7.5	10

46	Tumor Mutational Burden as a Potential Biomarker for Immunotherapy in Pancreatic Cancer: Systematic Review and Still-Open Questions. *Cancers*, **2021**, 13,	6.6	10
45	Immune landscape, evolution, hypoxia-mediated viral mimicry pathways and therapeutic potential in molecular subtypes of pancreatic neuroendocrine tumours. *Gut*, **2021**, 70, 1904-1913	19.2	9
44	Common germline variants within the CDKN2A/2B region affect risk of pancreatic neuroendocrine tumors. *Scientific Reports*, **2016**, 6, 39565	4.9	9
43	Solid Pseudopapillary Neoplasm of the Pancreas and Abdominal Desmoid Tumor in a Patient Carrying Two Different Germline Mutations: New Horizons from Tumor Molecular Profiling. *Genes*, **2021**, 12,	4.2	8
42	"Life in Data"--Outcome of a Multi-Disciplinary, Interactive Biobanking Conference Session on Sample Data. *Biopreservation and Biobanking*, **2016**, 14, 56-64	2.1	8
41	Epithelial-mesenchymal transition in undifferentiated carcinoma of the pancreas with and without osteoclast-like giant cells. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2021**, 478, 319-326	5.1	8
40	Genetic variability of the ABCC2 gene and clinical outcomes in pancreatic cancer patients. *Carcinogenesis*, **2019**, 40, 544-550	4.6	7
39	Bioengineered 3D models of human pancreatic cancer recapitulate in vivo tumour biology. *Nature Communications*, **2021**, 12, 5623	17.4	7
38	CD117 Is a Specific Marker of Intraductal Papillary Mucinous Neoplasms (IPMN) of the Pancreas, Oncocytic Subtype. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
37	Treatment of advanced gastroenteropancreatic neuroendocrine neoplasia, are we on the way to personalised medicine?. *Gut*, **2021**, 70, 1768-1781	19.2	7
36	Placenta-Specific 8 Is Overexpressed and Regulates Cell Proliferation in Low-Grade Human Pancreatic Neuroendocrine Tumors. *Neuroendocrinology*, **2020**, 110, 23-34	5.6	7
35	Genome-wide scan of long noncoding RNA single nucleotide polymorphisms and pancreatic cancer susceptibility. *International Journal of Cancer*, **2021**, 148, 2779-2788	7.5	7
34	A multilayered post-GWAS assessment on genetic susceptibility to pancreatic cancer. *Genome Medicine*, **2021**, 13, 15	14.4	6
33	Organoid-Transplant Model Systems to Study the Effects of Obesity on the Pancreatic Carcinogenesis. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 308	5.7	5
32	Multigene mutational profiling of biliary tract cancer is related to the pattern of recurrence in surgically resected patients. *Updates in Surgery*, **2020**, 72, 119-128	2.9	5
31	Combined microRNA and mRNA microfluidic TaqMan array cards for the diagnosis of malignancy of multiple types of pancreatico-biliary tumors in fine-needle aspiration material. *Oncotarget*, **2017**, 8, 108223-108237	3.3	5
30	Endoscopic ultrasound guided fine needle biopsy samples to drive personalized medicine: A proof of concept study. *Pancreatology*, **2020**, 20, 778-780	3.8	4
29	The Mutant p53-Driven Secretome Has Oncogenic Functions in Pancreatic Ductal Adenocarcinoma Cells. *Biomolecules*, **2020**, 10,	5.9	4

28	Lack of Association for Reported Endocrine Pancreatic Cancer Risk Loci in the PANDoRA Consortium. *Cancer Epidemiology Biomarkers and Prevention*, **2017**, 26, 1349-1351	4	4
27	Pancreatic cancer and autoimmune diseases: An association sustained by computational and epidemiological case-control approaches. *International Journal of Cancer*, **2019**, 144, 1540-1549	7.5	4
26	Perineural Invasion is a Strong Prognostic Moderator in Ampulla of Vater Carcinoma: A Meta-analysis. *Pancreas*, **2019**, 48, 70-76	2.6	4
25	The Italian Rare Pancreatic Exocrine Cancer Initiative. *Tumori*, **2019**, 105, 353-358	1.7	3
24	Interrupting the nitrosative stress fuels tumor-specific cytotoxic T lymphocytes in pancreatic cancer. **2022**, 10,		3
23	Histo-molecular characterization of pancreatic cancer with microsatellite instability: intra-tumor heterogeneity, B2M inactivation, and the importance of metastatic sites. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2021**, 1	5.1	3
22	Pentraxin 3 is a stromally-derived biomarker for detection of pancreatic ductal adenocarcinoma. *Npj Precision Oncology*, **2021**, 5, 61	9.8	3
21	New genomic landscapes and therapeutic targets for biliary tract cancers. *Frontiers in Bioscience - Landmark*, **2016**, 21, 707-18	2.8	3
20	Epithelial Nr5a2 heterozygosity cooperates with mutant Kras in the development of pancreatic cystic lesions. *Journal of Pathology*, **2021**, 253, 174-185	9.4	3
19	Colorectal cancer with microsatellite instability: Right-sided location and signet ring cell histology are associated with nodal metastases, and extranodal extension influences disease-free survival. *Pathology Research and Practice*, **2021**, 224, 153519	3.4	3
18	ICGC-ARGO precision medicine: familial matters in pancreatic cancer.. *Lancet Oncology, The*, **2022**, 23, 25-26	21.7	2
17	Biobanks in Low Resource Contexts **2017**, 169-198		2
16	Revealing unidentified heterogeneity in different epithelial cancers using heterocellular subtype classification		2
15	Alternative Lengthening of Telomeres (ALT) in Pancreatic Neuroendocrine Tumors: Ready for Prime-Time in Clinical Practice?. *Current Oncology Reports*, **2021**, 23, 106	6.3	2
14	Associations between pancreatic expression quantitative traits and risk of pancreatic ductal adenocarcinoma. *Carcinogenesis*, **2021**, 42, 1037-1045	4.6	2
13	Association of Genetic Variants Affecting microRNAs and Pancreatic Cancer Risk. *Frontiers in Genetics*, **2021**, 12, 693933	4.5	2
12	Dysregulated splicing factor SF3B1 unveils a dual therapeutic vulnerability to target pancreatic cancer cells and cancer stem cells with an anti-splicing drug. *Journal of Experimental and Clinical Cancer Research*, **2021**, 40, 382	12.8	2
11	Identification of Recessively Inherited Genetic Variants Potentially Linked to Pancreatic Cancer Risk.. *Frontiers in Oncology*, **2021**, 11, 771312	5.3	1

10	Combinatorial Effect of Magnetic Field and Radiotherapy in PDAC Organoids: A Pilot Study. *Biomedicines*, **2020**, 8,	4.8	1
9	ERG alterations and mTOR pathway activation in primary prostate carcinomas developing castration-resistance. *Pathology Research and Practice*, **2018**, 214, 1675-1680	3.4	1
8	Molecular Analysis of an Intestinal Neuroendocrine/Non-neuroendocrine Neoplasm (MiNEN) Reveals MLH1 Methylation-driven Microsatellite Instability and a Monoclonal Origin: Diagnostic and Clinical Implications. *Applied Immunohistochemistry and Molecular Morphology*, **2021**,	1.9	1
7	Genomic and Molecular Analyses Identify Molecular Subtypes of Pancreatic Cancer Recurrence. *Gastroenterology*, **2021**,	13.3	1
6	Genetic Polymorphisms Involved in Mitochondrial Metabolism and Pancreatic Cancer Risk. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 2342-2345	4	1
5	Genomic characterization of hepatoid tumors: context matters. *Human Pathology*, **2021**, 118, 30-41	3.7	1
4	Juvenile polyposis diagnosed with an integrated histological, immunohistochemical and molecular approach identifying new SMAD4 pathogenic variants.. *Familial Cancer*, **2022**, 1	3	0
3	ROR1 and ROR2 expression in pancreatic cancer. *BMC Cancer*, **2021**, 21, 1199	4.8	0
2	"Pure" hepatoid tumors of the pancreas harboring CTNNB1 somatic mutations: a new entity among solid pseudopapillary neoplasms.. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2022**, 1	5.1	0
1	IDH-wild type glioblastomas featuring at least 30% giant cells are characterized by frequent RB1 and NF1 alterations and hypermutation.. *Acta Neuropathologica Communications*, **2021**, 9, 200	7.3	0