

# Laura Annaratone

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

2,346  
citations

201575

27  
h-index

233338

45  
g-index

79  
all docs

79  
docs citations

79  
times ranked

4380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urinary Exosomal MicroRNAs in Incipient Diabetic Nephropathy. <i>PLoS ONE</i> , 2013, 8, e73798.	1.1	269
2	Evolving concepts in HER2 evaluation in breast cancer: Heterogeneity, HER2-low carcinomas and beyond. <i>Seminars in Cancer Biology</i> , 2021, 72, 123-135.	4.3	162
3	Somatic <i>ATP1A1</i> , <i>ATP2B3</i> , and <i>KCNJ5</i> Mutations in Aldosterone-Producing Adenomas. <i>Hypertension</i> , 2014, 63, 188-195.	1.3	151
4	HIF-1 activation induces doxorubicin resistance in MCF7 3-D spheroids via P-glycoprotein expression: a potential model of the chemo-resistance of invasive micropapillary carcinoma of the breast. <i>BMC Cancer</i> , 2012, 12, 4.	1.1	142
5	Formalin Fixation at Low Temperature Better Preserves Nucleic Acid Integrity. <i>PLoS ONE</i> , 2011, 6, e21043.	1.1	77
6	The IKK/NF- $\kappa$ B signaling pathway requires Morgana to drive breast cancer metastasis. <i>Nature Communications</i> , 2017, 8, 1636.	5.8	73
7	Mitotic Spindle Assembly and Genomic Stability in Breast Cancer Require PI3K-C2 $\beta$ Scaffolding Function. <i>Cancer Cell</i> , 2017, 32, 444-459.e7.	7.7	69
8	Basic principles of biobanking: from biological samples to precision medicine for patients. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 479, 233-246.	1.4	67
9	<i>ASPM</i> and <i>CITK</i> regulate spindle orientation by affecting the dynamics of astral microtubules. <i>EMBO Reports</i> , 2016, 17, 1396-1409.	2.0	65
10	Luminal long non-coding RNAs regulated by estrogen receptor alpha in a ligand-independent manner show functional roles in breast cancer. <i>Oncotarget</i> , 2016, 7, 3201-3216.	0.8	52
11	The Multifaceted Nature of Tumor Microenvironment in Breast Carcinomas. <i>Pathobiology</i> , 2020, 87, 125-142.	1.9	49
12	Dual therapy targeting the endocannabinoid system prevents experimental diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 1655-1665.	0.4	42
13	Enhanced cytotoxic effect of camptothecin nanosponges in anaplastic thyroid cancer cells <i>in vitro</i> and <i>in vivo</i> on orthotopic xenograft tumors. <i>Drug Delivery</i> , 2017, 24, 670-680.	2.5	41
14	Thymidylate synthase maintains the de-differentiated state of triple negative breast cancers. <i>Cell Death and Differentiation</i> , 2019, 26, 2223-2236.	5.0	39
15	miR-221/222 control luminal breast cancer tumor progression by regulating different targets. <i>Cell Cycle</i> , 2014, 13, 1811-1826.	1.3	38
16	The Influence of Tissue Ischemia Time on RNA Integrity and Patient-Derived Xenografts (PDX) Engraftment Rate in a Non-Small Cell Lung Cancer (NSCLC) Biobank. <i>PLoS ONE</i> , 2016, 11, e0145100.	1.1	38
17	PAX8- <i>GLIS3</i> gene fusion is a pathognomonic genetic alteration of hyalinizing trabecular tumors of the thyroid. <i>Modern Pathology</i> , 2019, 32, 1734-1743.	2.9	38
18	Gene Status in <i>HER2</i> Equivocal Breast Carcinomas: Impact of Distinct Recommendations and Contribution of a Polymerase Chain Reaction-Based Method. <i>Oncologist</i> , 2014, 19, 1118-1126.	1.9	37

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19	Paclitaxel-Loaded Nanosponges Inhibit Growth and Angiogenesis in Melanoma Cell Models. <i>Frontiers in Pharmacology</i> , 2019, 10, 776.	1.6	36
20	Pathological non-response to chemotherapy in a neoadjuvant setting of breast cancer: an inter-institutional study. <i>Breast Cancer Research and Treatment</i> , 2014, 148, 511-523.	1.1	34
21	The Pre-analytical Phase in Surgical Pathology. <i>Recent Results in Cancer Research</i> , 2015, 199, 1-13.	1.8	34
22	Identification of novel non-coding RNA-based negative feedback regulating the expression of the oncogenic transcription factor GLI1. <i>Molecular Oncology</i> , 2014, 8, 912-926.	2.1	33
23	The role of the AR/ER ratio in ER-positive breast cancer patients. <i>Endocrine-Related Cancer</i> , 2018, 25, 163-172.	1.6	33
24	Critical roles of specimen type and temperature before and during fixation in the detection of phosphoproteins in breast cancer tissues. <i>Laboratory Investigation</i> , 2015, 95, 561-571.	1.7	30
25	FOXA1 and AR in invasive breast cancer: new findings on their co-expression and impact on prognosis in ER-positive patients. <i>BMC Cancer</i> , 2018, 18, 703.	1.1	30
26	Sunitinib but not VEGF blockade inhibits cancer stem cell endothelial differentiation. <i>Oncotarget</i> , 2015, 6, 11295-11309.	0.8	30
27	Luminal breast cancer-specific circular RNAs uncovered by a novel tool for data analysis. <i>Oncotarget</i> , 2018, 9, 14580-14596.	0.8	29
28	A Collection of Primary Tissue Cultures of Tumors from Vacuum Packed and Cooled Surgical Specimens: A Feasibility Study. <i>PLoS ONE</i> , 2013, 8, e75193.	1.1	28
29	Acid-free glyoxal as a substitute of formalin for structural and molecular preservation in tissue samples. <i>PLoS ONE</i> , 2017, 12, e0182965.	1.1	27
30	RollFISH achieves robust quantification of single-molecule RNA biomarkers in paraffin-embedded tumor tissue samples. <i>Communications Biology</i> , 2018, 1, 209.	2.0	26
31	“To Be or Not to Be in a Good Shape”: Diagnostic and Clinical Value of Nuclear Shape Irregularities in Thyroid and Breast Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2014, 773, 101-121.	0.8	25
32	Quantification of HER2 and estrogen receptor heterogeneity in breast cancer by single-molecule RNA fluorescence in situ hybridization. <i>Oncotarget</i> , 2017, 8, 18680-18698.	0.8	24
33	Critical Steps in Tissue Processing in Histopathology. <i>Recent Patents on DNA &amp; Gene Sequences</i> , 2012, 6, 22-32.	0.7	23
34	Technical limits of comparison of step-sectioning, immunohistochemistry and RT-PCR on breast cancer sentinel nodes: a study on methacarn-fixed tissue. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 4042-4050.	1.6	22
35	Reversal of albuminuria by combined AM6545 and perindopril therapy in experimental diabetic nephropathy. <i>British Journal of Pharmacology</i> , 2018, 175, 4371-4385.	2.7	22
36	Cold Formalin Fixation Guarantees DNA Integrity in Formalin Fixed Paraffin Embedded Tissues: Premises for a Better Quality of Diagnostic and Experimental Pathology With a Specific Impact on Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 173.	1.3	22

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37	Tamoxifen Treatment of Breast Cancer Cells: Impact on Hedgehog/GLI1 Signaling. <i>International Journal of Molecular Sciences</i> , 2016, 17, 308.	1.8	21
38	The expression of LINE1&lt;i>MET</i> chimeric transcript identifies a subgroup of aggressive breast cancers. <i>International Journal of Cancer</i> , 2018, 143, 2838-2848.	2.3	21
39	AR/ER Ratio Correlates with Expression of Proliferation Markers and with Distinct Subset of Breast Tumors. <i>Cells</i> , 2020, 9, 1064.	1.8	21
40	A synonymous EGFR polymorphism predicting responsiveness to anti-EGFR therapy in metastatic colorectal cancer patients. <i>Tumor Biology</i> , 2016, 37, 7295-7303.	0.8	20
41	The Dilemma of HER2 Double-equivocal Breast Carcinomas. <i>American Journal of Surgical Pathology</i> , 2018, 42, 1190-1200.	2.1	20
42	Phenotypic characterisation of immune cells associated with histological regression in cutaneous melanoma. <i>Pathology</i> , 2019, 51, 487-493.	0.3	19
43	DSCAM-AS1-Driven Proliferation of Breast Cancer Cells Involves Regulation of Alternative Exon Splicing and 3&lt;sup>â€²</sup>-End Usage. <i>Cancers</i> , 2020, 12, 1453.	1.7	18
44	Unusual Patterns of HER2 Expression in Breast Cancer: Insights and Perspectives. <i>Pathobiology</i> , 2022, 89, 278-296.	1.9	18
45	Search for Neuro-Endocrine Markers (Chromogranin A, Synaptophysin and VGF) in Breast Cancers. An integrated Approach Using Immunohistochemistry and Gene Expression Profiling. <i>Endocrine Pathology</i> , 2014, 25, 219-228.	5.2	17
46	High-Throughput Molecular Analysis from Leftover of Fine Needle Aspiration Cytology of Mammographically Detected Breast Cancer. <i>Translational Oncology</i> , 2012, 5, 180-IN5.	1.7	15
47	The Perfect Pathology Report After Neoadjuvant Therapy. <i>Journal of the National Cancer Institute Monographs</i> , 2015, 2015, 47-50.	0.9	15
48	Extracorporeal shock waves trigger tenogenic differentiation of human adipose-derived stem cells. <i>Connective Tissue Research</i> , 2018, 59, 561-573.	1.1	14
49	Characterization of Neuroendocrine Tumors of the Pancreas by Real-Time Quantitative Polymerase Chain Reaction. A Methodological Approach. <i>Endocrine Pathology</i> , 2013, 24, 83-91.	5.2	12
50	Predictive Diagnostic Pathology in the Target Therapy Era in Breast Cancer. <i>Current Drug Targets</i> , 2016, 18, 4-12.	1.0	12
51	Inter- and intratumoral heterogeneity of BCL2 correlates with IgH expression and prognosis in follicular lymphoma. <i>Blood Cancer Journal</i> , 2014, 4, e249-e249.	2.8	11
52	Effect of low doses of estradiol and tamoxifen on breast cancer cell karyotypes. <i>Endocrine-Related Cancer</i> , 2016, 23, 635-650.	1.6	11
53	Caveolin 1 expression favors tumor growth and is associated with poor survival in primary lung adenocarcinomas. <i>Tumor Biology</i> , 2017, 39, 101042831769431.	0.8	10
54	Tissues under-vacuum to overcome suboptimal preservation. <i>New Biotechnology</i> , 2019, 52, 104-109.	2.4	10

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55	Molecular Characterization of Prostate Cancers in the Precision Medicine Era. <i>Cancers</i> , 2021, 13, 4771.	1.7	10
56	Oxidative DNA damage and formalin-fixation procedures. <i>Toxicology Research</i> , 2014, 3, 341-349.	0.9	9
57	Glycerolized Reticular Dermis as a New Human Acellular Dermal Matrix: An Exploratory Study. <i>PLoS ONE</i> , 2016, 11, e0149124.	1.1	8
58	Safe transportation of formalin-fixed liquid-free pathology specimens. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 473, 105-113.	1.4	8
59	The Oncocytic Variant of Poorly Differentiated Thyroid Carcinoma Shows a Specific Immune-Related Gene Expression Profile. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4577-e4592.	1.8	8
60	Pursuit of Gene Fusions in Daily Practice: Evidence from Real-World Data in Wild-Type and Microsatellite Instable Patients. <i>Cancers</i> , 2021, 13, 3376.	1.7	8
61	Prognostic role of PD-L1 and immune-related gene expression profiles in giant cell tumors of bone. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1905-1916.	2.0	6
62	Microenvironment in cutaneous melanomas: a gene expression profile study may explain the role of histological regression. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021, 35, e35-e38.	1.3	6
63	Identification of TENM4 as a Novel Cancer Stem Cell-Associated Molecule and Potential Target in Triple Negative Breast Cancer. <i>Cancers</i> , 2021, 13, 894.	1.7	6
64	Current Projects in Pre-analytics: Where to Go?. <i>Recent Results in Cancer Research</i> , 2015, 199, 65-70.	1.8	5
65	The impact of malignant nipple discharge cytology (NDc) in surgical management of breast cancer patients. <i>PLoS ONE</i> , 2017, 12, e0182073.	1.1	5
66	Primary Thymic Signet Ring Cell Adenocarcinoma: A Currently Unrecognized Variant. <i>International Journal of Surgical Pathology</i> , 2019, 27, 315-321.	0.4	4
67	Nuclear shape in papillary thyroid carcinoma: a role for lamin B receptor?. <i>Romanian Journal of Morphology and Embryology</i> , 2010, 51, 615-20.	0.4	3
68	Osteogenic Potential of Fast Set Bioceramic Cements: Molecular and In Vitro Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6713.	1.3	2
69	HER2 in Breast Cancer. <i>Encyclopedia of Pathology</i> , 2019, , 1-11.	0.0	2
70	The EGFR synonymous polymorphism rs1050171 predicts responsiveness to anti-EGFR therapy in metastatic colorectal cancer patients. <i>European Journal of Cancer</i> , 2016, 61, S181-S182.	1.3	1
71	Transcriptomic stratification of breast carcinomas with double-equivocal HER2 status. <i>Annals of Oncology</i> , 2016, 27, vi51.	0.6	0
72	Androgen Receptor (AR) relative to Estrogen Receptor (ER) expression levels (AR/ER ratio): prognostic utility and correlation with intrinsic Breast Cancer (BC) molecular subtypes. <i>Breast</i> , 2017, 32, S103.	0.9	0

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73	Abstract P1-07-27: Neutrophil elastase modulates breast cancer progression by fostering collective cell detachment and tumor emboli dissemination. , 2015, , .		0
74	Abstract P6-05-04: Stratification of breast carcinomas with double-equivocal HER2 status. , 2016, , .		0
75	Abstract P6-08-12: DSCAM-AS1, a breast cancer specific and Estrogen receptor $\hat{\pm}$ -dependent long noncoding RNA, is a key component of the pathway controlling cell growth and migration. , 2017, , .		0
76	HER2 in Breast Cancer. Encyclopedia of Pathology, 2020, , 151-161.	0.0	0
77	Eccrine spiradenoma of the nipple: Case report, differential diagnosis and literature review. Histology and Histopathology, 2019, 34, 909-915.	0.5	0