

Laura Annaratone

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69
papers

1,524
citations

21
h-index

36
g-index

79
ext. papers

1,966
ext. citations

5.2
avg, IF

4.3
L-index

#	Paper	IF	Citations
69	Urinary exosomal microRNAs in incipient diabetic nephropathy. <i>PLoS ONE</i> , 2013 , 8, e73798	3.7	212
68	Somatic ATP1A1, ATP2B3, and KCNJ5 mutations in aldosterone-producing adenomas. <i>Hypertension</i> , 2014 , 63, 188-95	8.5	126
67	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	4.8	104
66	Formalin fixation at low temperature better preserves nucleic acid integrity. <i>PLoS ONE</i> , 2011 , 6, e21043	3.7	62
65	The IKK/NF- κ B signaling pathway requires Morgana to drive breast cancer metastasis. <i>Nature Communications</i> , 2017 , 8, 1636	17.4	59
64	Mitotic Spindle Assembly and Genomic Stability in Breast Cancer Require PI3K-C2 β Scaffolding Function. <i>Cancer Cell</i> , 2017 , 32, 444-459.e7	24.3	44
63	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, 3201-16	3.3	43
62	ASPM and CITK regulate spindle orientation by affecting the dynamics of astral microtubules. <i>EMBO Reports</i> , 2016 , 17, 1396-1409	6.5	40
61	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	3.7	36
60	Evolving concepts in HER2 evaluation in breast cancer: Heterogeneity, HER2-low carcinomas and beyond. <i>Seminars in Cancer Biology</i> , 2021 , 72, 123-135	12.7	35
59	Dual therapy targeting the endocannabinoid system prevents experimental diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 1655-1665	4.3	33
58	Enhanced cytotoxic effect of camptothecin nanosponges in anaplastic thyroid cancer cells in vitro and in vivo on orthotopic xenograft tumors. <i>Drug Delivery</i> , 2017 , 24, 670-680	7	31
57	Gene status in HER2 equivocal breast carcinomas: impact of distinct recommendations and contribution of a polymerase chain reaction-based method. <i>Oncologist</i> , 2014 , 19, 1118-26	5.7	30
56	miR-221/222 control luminal breast cancer tumor progression by regulating different targets. <i>Cell Cycle</i> , 2014 , 13, 1811-26	4.7	30
55	Sunitinib but not VEGF blockade inhibits cancer stem cell endothelial differentiation. <i>Oncotarget</i> , 2015 , 6, 11295-309	3.3	27
54	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, 561-71	5.9	24
53	The pre-analytical phase in surgical pathology. <i>Recent Results in Cancer Research</i> , 2015 , 199, 1-13	1.5	24

52	The role of the AR/ER ratio in ER-positive breast cancer patients. <i>Endocrine-Related Cancer</i> , 2018 , 25, 163-172	5.7	23
51	Identification of novel non-coding RNA-based negative feedback regulating the expression of the oncogenic transcription factor GLI1. <i>Molecular Oncology</i> , 2014 , 8, 912-26	7.9	23
50	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, 511-23	4.4	23
49	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	3.7	21
48	The Multifaceted Nature of Tumor Microenvironment in Breast Carcinomas. <i>Pathobiology</i> , 2020 , 87, 125-142	3.4	21
47	Paclitaxel-Loaded Nanosponges Inhibit Growth and Angiogenesis in Melanoma Cell Models. <i>Frontiers in Pharmacology</i> , 2019 , 10, 776	5.6	20
46	Thymidylate synthase maintains the de-differentiated state of triple negative breast cancers. <i>Cell Death and Differentiation</i> , 2019 , 26, 2223-2236	12.7	19
45	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	4.8	19
44	PAX8-GLIS3 gene fusion is a pathognomonic genetic alteration of hyalinizing trabecular tumors of the thyroid. <i>Modern Pathology</i> , 2019 , 32, 1734-1743	9.8	18
43	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, 4042-50	5.6	18
42	Critical steps in tissue processing in histopathology. <i>Recent Patents on DNA & Gene Sequences</i> , 2012 , 6, 22-32		18
41	Luminal breast cancer-specific circular RNAs uncovered by a novel tool for data analysis. <i>Oncotarget</i> , 2018 , 9, 14580-14596	3.3	18
40	A synonymous EGFR polymorphism predicting responsiveness to anti-EGFR therapy in metastatic colorectal cancer patients. <i>Tumor Biology</i> , 2016 , 37, 7295-303	2.9	17
39	"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, 101-21	3.6	16
38	Tamoxifen Treatment of Breast Cancer Cells: Impact on Hedgehog/GLI1 Signaling. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 308	6.3	16
37	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	3.3	15
36	RollFISH achieves robust quantification of single-molecule RNA biomarkers in paraffin-embedded tumor tissue samples. <i>Communications Biology</i> , 2018 , 1, 209	6.7	15
35	Acid-free glyoxal as a substitute of formalin for structural and molecular preservation in tissue samples. <i>PLoS ONE</i> , 2017 , 12, e0182965	3.7	14

34	High-throughput molecular analysis from leftover of fine needle aspiration cytology of mammographically detected breast cancer. <i>Translational Oncology</i> , 2012 , 5, 180-9	4.9	14
33	The Perfect Pathology Report After Neoadjuvant Therapy. <i>Journal of the National Cancer Institute Monographs</i> , 2015 , 2015, 47-50	4.8	12
32	DSCAM-AS1-Driven Proliferation of Breast Cancer Cells Involves Regulation of Alternative Exon Splicing and 3REnd Usage. <i>Cancers</i> , 2020 , 12,	6.6	12
31	The expression of LINE1-MET chimeric transcript identifies a subgroup of aggressive breast cancers. <i>International Journal of Cancer</i> , 2018 , 143, 2838-2848	7.5	11
30	Phenotypic characterisation of immune cells associated with histological regression in cutaneous melanoma. <i>Pathology</i> , 2019 , 51, 487-493	1.6	11
29	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, 219-28	4.2	11
28	Reversal of albuminuria by combined AM6545 and perindopril therapy in experimental diabetic nephropathy. <i>British Journal of Pharmacology</i> , 2018 , 175, 4371-4385	8.6	11
27	Predictive Diagnostic Pathology in the Target Therapy Era in Breast Cancer. <i>Current Drug Targets</i> , 2017 , 18, 4-12	3	10
26	The Dilemma of HER2 Double-equivocal Breast Carcinomas: Genomic Profiling and Implications for Treatment. <i>American Journal of Surgical Pathology</i> , 2018 , 42, 1190-1200	6.7	10
25	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	4.2	9
24	Inter- and intratumoral heterogeneity of BCL2 correlates with IgH expression and prognosis in follicular lymphoma. <i>Blood Cancer Journal</i> , 2014 , 4, e249	7	9
23	Oxidative DNA damage and formalin-fixation procedures. <i>Toxicology Research</i> , 2014 , 3, 341-349	2.6	8
22	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	5.1	8
21	Caveolin 1 expression favors tumor growth and is associated with poor survival in primary lung adenocarcinomas. <i>Tumor Biology</i> , 2017 , 39, 1010428317694311	2.9	7
20	AR/ER Ratio Correlates with Expression of Proliferation Markers and with Distinct Subset of Breast Tumors. <i>Cells</i> , 2020 , 9,	7.9	7
19	Extracorporeal shock waves trigger tenogenic differentiation of human adipose-derived stem cells. <i>Connective Tissue Research</i> , 2018 , 59, 561-573	3.3	7
18	Tissues under-vacuum to overcome suboptimal preservation. <i>New Biotechnology</i> , 2019 , 52, 104-109	6.4	6
17	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	5.3	5

16	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,	5.6	5
15	Glycerolized Reticular Dermis as a New Human Acellular Dermal Matrix: An Exploratory Study. <i>PLoS ONE</i> , 2016 , 11, e0149124	3.7	5
14	Effect of low doses of estradiol and tamoxifen on breast cancer cell karyotypes. <i>Endocrine-Related Cancer</i> , 2016 , 23, 635-50	5.7	5
13	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	5.1	5
12	Unusual Patterns of HER2 Expression in Breast Cancer: Insights and Perspectives.. <i>Pathobiology</i> , 2022 , 1-19	3.6	5
11	The impact of malignant nipple discharge cytology (NDc) in surgical management of breast cancer patients. <i>PLoS ONE</i> , 2017 , 12, e0182073	3.7	4
10	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	4.6	4
9	Current projects in Pre-analytics: where to go?. <i>Recent Results in Cancer Research</i> , 2015 , 199, 65-70	1.5	3
8	Primary Thymic Signet Ring Cell Adenocarcinoma: A Currently Unrecognized Variant. <i>International Journal of Surgical Pathology</i> , 2019 , 27, 315-321	1.2	3
7	Nuclear shape in papillary thyroid carcinoma: a role for lamin B receptor?. <i>Romanian Journal of Morphology and Embryology</i> , 2010 , 51, 615-20	0.6	3
6	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	7.4	2
5	Identification of TENM4 as a Novel Cancer Stem Cell-Associated Molecule and Potential Target in Triple Negative Breast Cancer. <i>Cancers</i> , 2021 , 13,	6.6	2
4	Pursuit of Gene Fusions in Daily Practice: Evidence from Real-World Data in Wild-Type and Microsatellite Instable Patients. <i>Cancers</i> , 2021 , 13,	6.6	1
3	Osteogenic Potential of Fast Set Bioceramic Cements: Molecular and In Vitro Study. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6713	2.6	0
2	HER2 in Breast Cancer. <i>Encyclopedia of Pathology</i> , 2020 , 151-161	0	
1	Eccrine spiradenoma of the nipple: Case report, differential diagnosis and literature review. <i>Histology and Histopathology</i> , 2019 , 34, 909-915	1.4	