

Lauren L Ritterhouse

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

4,482
citations

218677

26
h-index

123424

61
g-index

68
all docs

68
docs citations

68
times ranked

8346
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms of Resistance to First- and Second-Generation ALK Inhibitors in ALK-Rearranged Lung Cancer. <i>Cancer Discovery</i> , 2016, 6, 1118-1133.	9.4	919
2	Association of Polymerase ϵ -Mutated and Microsatellite-Instable Endometrial Cancers With Neoantigen Load, Number of Tumor-Infiltrating Lymphocytes, and Expression of PD-1 and PD-L1. <i>JAMA Oncology</i> , 2015, 1, 1319.	7.1	523
3	Association and prognostic significance of BRCA1/2-mutation status with neoantigen load, number of tumor-infiltrating lymphocytes and expression of PD-1/PD-L1 in high grade serous ovarian cancer. <i>Oncotarget</i> , 2016, 7, 13587-13598.	1.8	485
4	Institutional implementation of clinical tumor profiling on an unselected cancer population. <i>JCI Insight</i> , 2016, 1, e87062.	5.0	340
5	Seven-Year Follow-Up Analysis of Adjuvant Paclitaxel and Trastuzumab Trial for Node-Negative, Human Epidermal Growth Factor Receptor 2-Positive Breast Cancer. <i>Journal of Clinical Oncology</i> , 2019, 37, 1868-1875.	1.6	229
6	Vitamin D deficiency is associated with an increased autoimmune response in healthy individuals and in patients with systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1569-1574.	0.9	185
7	Frequency of Germline Mutations in Cancer Susceptibility Genes in Malignant Mesothelioma. <i>Journal of Clinical Oncology</i> , 2018, 36, 2863-2871.	1.6	158
8	Clinical sensitivity and interpretation of PCR and serological COVID-19 diagnostics for patients presenting to the hospital. <i>FASEB Journal</i> , 2020, 34, 13877-13884.	0.5	117
9	BRAF V600E mutation-specific antibody: A review. <i>Seminars in Diagnostic Pathology</i> , 2015, 32, 400-408.	1.5	116
10	Secondary resistance to immunotherapy associated with β -catenin pathway activation or PTEN loss in metastatic melanoma. , 2019, 7, 295.		98
11	ROS1 Fusions Rarely Overlap with Other Oncogenic Drivers in Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2017, 12, 872-877.	1.1	87
12	Clear cell ovarian cancers with microsatellite instability: A unique subset of ovarian cancers with increased tumor-infiltrating lymphocytes and PD-1/PD-L1 expression. <i>Oncolmmunology</i> , 2017, 6, e1277308.	4.6	84
13	Autoantibody-Positive Healthy Individuals Display Unique Immune Profiles That May Regulate Autoimmunity. <i>Arthritis and Rheumatology</i> , 2016, 68, 2492-2502.	5.6	79
14	Differentiated exophytic vulvar intraepithelial lesions are genetically distinct from keratinizing squamous cell carcinomas and contain mutations in PIK3CA. <i>Modern Pathology</i> , 2017, 30, 448-458.	5.5	72
15	Unusual Mismatch Repair Immunohistochemical Patterns in Endometrial Carcinoma. <i>American Journal of Surgical Pathology</i> , 2016, 40, 909-916.	3.7	69
16	B lymphocyte stimulator levels in systemic lupus erythematosus: Higher circulating levels in African American patients and increased production after influenza vaccination in patients with low baseline levels. <i>Arthritis and Rheumatism</i> , 2011, 63, 3931-3941.	6.7	59
17	Are Sporadic Eosinophilic Solid and Cystic Renal Cell Carcinomas Characterized by Somatic Tuberous Sclerosis Gene Mutations?. <i>American Journal of Surgical Pathology</i> , 2018, 42, 911-917.	3.7	55
18	60 kD Ro and nRNP A Frequently Initiate Human Lupus Autoimmunity. <i>PLoS ONE</i> , 2010, 5, e9599.	2.5	47

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19	Ribosomal P autoantibodies are present before SLE onset and are directed against non-C-terminal peptides. <i>Journal of Molecular Medicine</i> , 2010, 88, 719-727.	3.9	43
20	Tumor mutational burden. <i>Cancer Cytopathology</i> , 2019, 127, 735-736.	2.4	43
21	Vitamin D Deficiency in a Multiethnic Healthy Control Cohort and Altered Immune Response in Vitamin D Deficient European-American Healthy Controls. <i>PLoS ONE</i> , 2014, 9, e94500.	2.5	37
22	Genetic Underpinnings of Renal Cell Carcinoma With Leiomyomatous Stroma. <i>American Journal of Surgical Pathology</i> , 2019, 43, 1135-1144.	3.7	36
23	Loss of SMAD4 protein expression in gastrointestinal and extra-gastrointestinal carcinomas. <i>Histopathology</i> , 2019, 75, 546-551.	2.9	35
24	Germline <i>BRCA</i> -Associated Endometrial Carcinoma Is a Distinct Clinicopathologic Entity. <i>Clinical Cancer Research</i> , 2019, 25, 7517-7526.	7.0	34
25	Presymptomatic Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 Among Residents and Staff at a Skilled Nursing Facility: Results of Real-time Polymerase Chain Reaction and Serologic Testing. <i>Clinical Infectious Diseases</i> , 2021, 72, 686-689.	5.8	34
26	Morphologic correlates of molecular alterations in extrauterine Müllerian carcinomas. <i>Modern Pathology</i> , 2016, 29, 893-903.	5.5	33
27	GNAS mutations in primary mucinous and non-mucinous lung adenocarcinomas. <i>Modern Pathology</i> , 2017, 30, 1720-1727.	5.5	33
28	<i>BAP1</i> -Mutated Clear Cell Renal Cell Carcinoma. <i>American Journal of Clinical Pathology</i> , 2021, 155, 718-728.	0.7	31
29	<i>ROS1</i> Rearrangement in Thyroid Cancer. <i>Thyroid</i> , 2016, 26, 794-797.	4.5	27
30	Current and historical hybridization with differential introgression among three species of cyprinid fishes (genus <i>Cyprinella</i>). <i>Genetica</i> , 2011, 139, 699-707.	1.1	24
31	High <i>NPM1</i> mutant allele burden at diagnosis correlates with minimal residual disease at first remission in de novo acute myeloid leukemia. <i>American Journal of Hematology</i> , 2019, 94, 921-928.	4.1	24
32	Female adnexal tumors of probable Wolffian origin: morphological, immunohistochemical, and molecular analysis of 15 cases. <i>Modern Pathology</i> , 2020, 33, 734-747.	5.5	23
33	Embryonal rhabdomyosarcoma of the uterine corpus: a clinicopathological and molecular analysis of 21 cases highlighting a frequent association with <i>DICER1</i> mutations. <i>Modern Pathology</i> , 2021, 34, 1750-1762.	5.5	21
34	Integrating a Large Next-Generation Sequencing Panel into the Clinical Diagnosis of Gliomas Provides a Comprehensive Platform for Classification from FFPE Tissue or Smear Preparations. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 257-267.	1.7	20
35	Evaluation of serological lateral flow assays for severe acute respiratory syndrome coronavirus-2. <i>BMC Infectious Diseases</i> , 2021, 21, 580.	2.9	20
36	A Distinctive Adnexal (Usually Paratubal) Neoplasm Often Associated With Peutz-Jeghers Syndrome and Characterized by <i>STK11</i> Alterations (<i>STK11</i> Adnexal Tumor). <i>American Journal of Surgical Pathology</i> , 2021, 45, 1061-1074.	3.7	19

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37	Uterine PEComas: correlation between melanocytic marker expression and TSC alterations/TFE3 fusions. <i>Modern Pathology</i> , 2022, 35, 515-523.	5.5	19
38	Molecular Pathology. <i>Surgical Pathology Clinics</i> , 2016, 9, 405-426.	1.7	17
39	Measurable residual disease monitoring for patients with acute myeloid leukemia following hematopoietic cell transplantation using error corrected hybrid capture next generation sequencing. <i>PLoS ONE</i> , 2019, 14, e0224097.	2.5	17
40	Quantitative next-generation sequencing-based analysis indicates progressive accumulation of microsatellite instability between atypical hyperplasia/endometrial intraepithelial neoplasia and paired endometrioid endometrial carcinoma. <i>Modern Pathology</i> , 2019, 32, 1508-1520.	5.5	15
41	Clinical Validation and Implementation of a Measurable Residual Disease Assay for NPM1 in Acute Myeloid Leukemia by Error-Corrected Next-Generation Sequencing. <i>Molecular Diagnosis and Therapy</i> , 2019, 23, 791-802.	3.8	14
42	Follicular Thyroid Neoplasms. <i>American Journal of Surgical Pathology</i> , 2020, 44, 881-892.	3.7	14
43	Fewer actionable mutations but higher tumor mutational burden characterizes NSCLC in black patients at an urban academic medical center. <i>Oncotarget</i> , 2019, 10, 5817-5823.	1.8	14
44	insiM. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 19-26.	2.8	12
45	Multi-Institutional Evaluation of Interrater Agreement of Variant Classification Based on the 2017 Association for Molecular Pathology, American Society of Clinical Oncology, and College of American Pathologists Standards and Guidelines for the Interpretation and Reporting of Sequence Variants in Cancer. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 284-293.	2.8	10
46	Molecular Characterization of Mesothelioma: Impact of Histologic Type and Site of Origin on Molecular Landscape. <i>JCO Precision Oncology</i> , 2022, , .	3.0	10
47	Clinicopathologic and Molecular Features of Metastatic Follicular Thyroid Carcinoma in Patients Presenting With a Thyroid Nodule Versus a Distant Metastasis. <i>American Journal of Surgical Pathology</i> , 2019, 43, 514-522.	3.7	9
48	System for Informatics in the Molecular Pathology Laboratory. <i>Journal of Molecular Diagnostics</i> , 2018, 20, 522-532.	2.8	8
49	Tumor infiltrating and peritumoral T cells and expression of PD-L1 in BRCA1/2-mutated high grade serous ovarian cancers.. <i>Journal of Clinical Oncology</i> , 2015, 33, 5512-5512.	1.6	7
50	Beyond the Variants: Mutational Patterns in Next-Generation Sequencing Data for Cancer Precision Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 370.	3.7	6
51	Mosaicism for Receptor Tyrosine Kinase Activation in a Glioblastoma Involving Both PDGFRA Amplification and NTRK2 Fusion. <i>Oncologist</i> , 2021, 26, 919-924.	3.7	6
52	The role of plasma genotyping in ALK- and ROS1-rearranged lung cancer. <i>Translational Lung Cancer Research</i> , 2020, 9, 2557-2570.	2.8	6
53	Targeted RNA Sequencing in Non-“Small Cell Lung Cancer. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 183-185.	2.8	5
54	Interpretation of Mismatch Repair Protein Immunohistochemistry in Endometrial Carcinoma Should Consider Both Lynch Syndrome Screening and Immunotherapy Susceptibility. <i>International Journal of Gynecological Pathology</i> , 2020, 39, 233-237.	1.4	5

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55	Development of a qualitative real-time RT-PCR assay for the detection of SARS-CoV-2: a guide and case study in setting up an emergency-use, laboratory-developed molecular microbiological assay. <i>Journal of Clinical Pathology</i> , 2021, 74, 496-503.	2.0	5
56	Microsatellite Instability Testing and Therapy Implications. <i>Advances in Molecular Pathology</i> , 2020, 3, 169-188.	0.4	4
57	MET Exon 14 Skipping Mutations. <i>Journal of Molecular Diagnostics</i> , 2022, 24, 841-843.	2.8	4
58	Next-generation sequencing identifies 2 genomically distinct groups among pyloric gland adenomas. <i>Human Pathology</i> , 2020, 97, 103-111.	2.0	3
59	Association of POLE-mutated and MSI endometrial cancers with an elevated number of tumor-infiltrating and peritumoral lymphocytes and higher expression of PD-L1. <i>Journal of Clinical Oncology</i> , 2015, 33, 5511-5511.	1.6	3
60	Acute appendicitis secondary to metastatic carcinoma of the breast: Case report and review of the literature. <i>Cancer Treatment Communications</i> , 2015, 4, 41-45.	0.4	2
61	Molecular Pathology of Ovarian Epithelial Neoplasms. <i>Surgical Pathology Clinics</i> , 2021, 14, 415-428.	1.7	2
62	The Evolving Role of Molecular Diagnostics in Pathology. <i>Surgical Pathology Clinics</i> , 2021, 14, xi-xii.	1.7	1
63	Molecular Pathology Education. <i>Journal of Molecular Diagnostics</i> , 2021, , .	2.8	0
64	Abstract CT545: Variability in <i>NTRK</i> gene fusions does not appear to impact response to larotrectinib. <i>Cancer Research</i> , 2022, 82, CT545-CT545.	0.9	0
65	Abstract 5248: CDK4/6 inhibition (CDK4/6i) is effective in the real-world setting for hormone receptor-positive metastatic breast cancer (HR+ MBC) with <i>ESR1</i> mutations and fusions. <i>Cancer Research</i> , 2022, 82, 5248-5248.	0.9	0