

Kirsten D Mertz

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

8,110
citations

71102

41
h-index

53230

85
g-index

104
all docs

104
docs citations

104
times ranked

16711
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Analysis Of Immunotherapy Treated Clear Cell Renal Cell Carcinomas: An Exploratory Study. <i>Journal of Immunotherapy</i> , 2022, 45, 35-42.	2.4	3
2	Interspatial Distribution of Tumor and Immune Cells in Correlation with PD-L1 in Molecular Subtypes of Gastric Cancers. <i>Cancers</i> , 2022, 14, 1736.	3.7	4
3	Immunohistochemical and Transcriptional Analysis of SARS-CoV-2 Entry Factors and Renin-Angiotensin-Aldosterone System Components in Lethal COVID-19. <i>Pathobiology</i> , 2022, 89, 166-177.	3.8	4
4	COVID-19 Autopsies Reveal Underreporting of SARS-CoV-2 Infection and Scarcity of Co-infections. <i>Frontiers in Medicine</i> , 2022, 9, 868954.	2.6	14
5	Nonhematopoietic IRAK1 drives arthritis via neutrophil chemoattractants. <i>JCI Insight</i> , 2022, 7, .	5.0	2
6	Placental Pathology Findings during and after SARS-CoV-2 Infection: Features of Villitis and Malperfusion. <i>Pathobiology</i> , 2021, 88, 69-77.	3.8	101
7	Characterisation of cardiac pathology in 23 autopsies of lethal COVID-19. <i>Journal of Pathology: Clinical Research</i> , 2021, 7, 326-337.	3.0	27
8	Spatiotemporal Analysis of B Cell- and Antibody Secreting Cell-Subsets in Human Melanoma Reveals Metastasis-, Tumor Stage-, and Age-Associated Dynamics. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 677944.	3.7	3
9	A Standardized Analysis of Tertiary Lymphoid Structures in Human Melanoma: Disease Progression- and Tumor Site-Associated Changes With Germinal Center Alteration. <i>Frontiers in Immunology</i> , 2021, 12, 675146.	4.8	31
10	Hepatic stellate cells suppress NK cell-sustained breast cancer dormancy. <i>Nature</i> , 2021, 594, 566-571.	27.8	139
11	Loss of Lymphotoxin Alpha-Expressing Memory B Cells Correlates with Metastasis of Human Primary Melanoma. <i>Diagnostics</i> , 2021, 11, 1238.	2.6	6
12	Toward a Platform for Structured Data Acquisition in Oncology: A Pilot Study on Prostate Cancer Screening. <i>Oncology</i> , 2021, 99, 1-11.	1.9	1
13	Determinants of SARS-CoV-2 entry and replication in airway mucosal tissue and susceptibility in smokers. <i>Cell Reports Medicine</i> , 2021, 2, 100421.	6.5	11
14	Vascular Damage, Thromboinflammation, Plasmablast Activation, T-Cell Dysregulation and Pathological Histiocytic Response in Pulmonary Draining Lymph Nodes of COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 763098.	4.8	12
15	Tumor mutational burden assessed by targeted NGS predicts clinical benefit from immune checkpoint inhibitors in non-small cell lung cancer. <i>Journal of Pathology</i> , 2020, 250, 19-29.	4.5	92
16	Two distinct immunopathological profiles in autopsy lungs of COVID-19. <i>Nature Communications</i> , 2020, 11, 5086.	12.8	230
17	Intra-Abdominal Nocardiosis—Case Report and Review of the Literature. <i>Journal of Clinical Medicine</i> , 2020, 9, 2141.	2.4	10
18	Correlates of critical illness-related encephalopathy predominate postmortem COVID-19 neuropathology. <i>Acta Neuropathologica</i> , 2020, 140, 583-586.	7.7	117

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19	Lethal COVID-19: Radiologic-Pathologic Correlation of the Lungs. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200406.	2.5	27
20	Postmortem examination of COVID-19 patients reveals diffuse alveolar damage with severe capillary congestion and variegated findings in lungs and other organs suggesting vascular dysfunction. <i>Histopathology</i> , 2020, 77, 198-209.	2.9	1,025
21	Fibroblast activation protein-targeted-4-1BB ligand agonist amplifies effector functions of intratumoral T cells in human cancer. , 2020, 8, e000238.		35
22	Prognostic Integrated Image-Based Immune and Molecular Profiling in Early-Stage Endometrial Cancer. <i>Cancer Immunology Research</i> , 2020, 8, 1508-1519.	3.4	45
23	Immune cell landscaping reveals a protective role for regulatory T cells during kidney injury and fibrosis. <i>JCI Insight</i> , 2020, 5, .	5.0	71
24	Immunocytochemistry for ARID1A as a potential biomarker in urine cytology of bladder cancer. <i>Cancer Cytopathology</i> , 2019, 127, 578-585.	2.4	16
25	B cells sustain inflammation and predict response to immune checkpoint blockade in human melanoma. <i>Nature Communications</i> , 2019, 10, 4186.	12.8	236
26	Uncoupling protein 2 reprograms the tumor microenvironment to support the anti-tumor immune cycle. <i>Nature Immunology</i> , 2019, 20, 206-217.	14.5	51
27	A Variant of a Killer Cell Immunoglobulin-like Receptor Is Associated with Resistance to PD-1 Blockade in Lung Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 3026-3034.	7.0	29
28	Precision immunoprofiling by image analysis and artificial intelligence. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 474, 511-522.	2.8	101
29	Tumor mutational burden assessed by a targeted NGS assay to predict clinical benefit from immune checkpoint inhibitors in non-small cell lung cancer.. <i>Journal of Clinical Oncology</i> , 2019, 37, e14266-e14266.	1.6	1
30	Abstract B050: Identification of PD-1 TILs and CXCL13 as determinants for response to anti-PD-1 treatment using human tumor explants. , 2019, , .		0
31	Digital image analysis improves precision of <sc>PD</sc>-1 scoring in cutaneous melanoma. <i>Histopathology</i> , 2018, 73, 397-406.	2.9	54
32	The T cell repertoire in tumors overlaps with pulmonary inflammatory lesions in patients treated with checkpoint inhibitors. <i>Oncolmmunology</i> , 2018, 7, e1386362.	4.6	62
33	Tumor infiltrating lymphocytes in lymph node metastases of stage III melanoma correspond to response and survival in nine patients treated with ipilimumab at the time of stage IV disease. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 39-45.	4.2	45
34	A transcriptionally and functionally distinct PD-1+ CD8+ T cell pool with predictive potential in non-small-cell lung cancer treated with PD-1 blockade. <i>Nature Medicine</i> , 2018, 24, 994-1004.	30.7	783
35	Tumor mutational burden assessed by a targeted NGS assay to predict benefit from immune checkpoint inhibitors in non-small cell lung cancer.. <i>Journal of Clinical Oncology</i> , 2018, 36, e15075-e15075.	1.6	0
36	The Hippo kinases LATS1 and 2 control human breast cell fate via crosstalk with ERÎ±. <i>Nature</i> , 2017, 541, 541-545.	27.8	114

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37	Single-Center Experience with a Targeted Next Generation Sequencing Assay for Assessment of Relevant Somatic Alterations in Solid Tumors. <i>Neoplasia</i> , 2017, 19, 196-206.	5.3	22
38	Colorectal Choriocarcinoma in a Patient with Probable Lynch Syndrome. <i>Frontiers in Oncology</i> , 2016, 6, 252.	2.8	5
39	Systemic inflammation in a melanoma patient treated with immune checkpoint inhibitors—an autopsy study. , 2016, 4, 13.		162
40	Characterization of the tumor microenvironment in primary cutaneous <sc>CD30</sc>-positive lymphoproliferative disorders: a predominance of <sc>CD163</sc>-positive <sc>M2</sc> macrophages. <i>Journal of Cutaneous Pathology</i> , 2016, 43, 579-588.	1.3	9
41	Tumor-associated B cells in cutaneous primary melanoma and improved clinical outcome. <i>Human Pathology</i> , 2016, 54, 157-164.	2.0	81
42	Grover-like drug eruption in a patient with metastatic melanoma under ipilimumab therapy. , 2016, 4, 47.		27
43	Interleukin-33 in human gliomas: Expression and prognostic significance. <i>Oncology Letters</i> , 2016, 12, 445-452.	1.8	29
44	Interleukin-33 Expression Indicates a Favorable Prognosis in Malignant Salivary Gland Tumors. <i>International Journal of Surgical Pathology</i> , 2016, 24, 394-400.	0.8	19
45	The IL-33/ST2 pathway contributes to intestinal tumorigenesis in humans and mice. <i>Oncolimmunology</i> , 2016, 5, e1062966.	4.6	80
46	Cessation of CCL2 inhibition accelerates breast cancer metastasis by promoting angiogenesis. <i>Nature</i> , 2014, 515, 130-133.	27.8	556
47	Granulomas are a source of interleukin-33 expression in pulmonary and extrapulmonary sarcoidosis. <i>Human Pathology</i> , 2014, 45, 2202-2210.	2.0	16
48	MTSS1 is a metastasis driver in a subset of human melanomas. <i>Nature Communications</i> , 2014, 5, 3465.	12.8	52
49	Heterogeneity of ERG expression in core needle biopsies of patients with early prostate cancer. <i>Human Pathology</i> , 2013, 44, 2727-2735.	2.0	15
50	Skin Cancer in Organ Transplant Recipients. <i>Pathobiology</i> , 2013, 80, 302-309.	3.8	59
51	Neutralisation of the interleukin-33/ST2 pathway ameliorates experimental colitis through enhancement of mucosal healing in mice. <i>Gut</i> , 2013, 62, 1714-1723.	12.1	194
52	Merkel cell polyomavirus large T antigen is detected in rare cases of nonmelanoma skin cancer. <i>Journal of Cutaneous Pathology</i> , 2013, 40, 543-549.	1.3	24
53	NVP-LDE225, a Potent and Selective SMOOTHENED Antagonist Reduces Melanoma Growth In Vitro and In Vivo. <i>PLoS ONE</i> , 2013, 8, e69064.	2.5	42
54	Dual Suppression of the Cyclin-Dependent Kinase Inhibitors CDKN2C and CDKN1A in Human Melanoma. <i>Journal of the National Cancer Institute</i> , 2012, 104, 1673-1679.	6.3	35

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55	Detection of Merkel Cell Polyomavirus and Human Papillomaviruses in Merkel Cell Carcinoma Combined With Squamous Cell Carcinoma in Immunocompetent European Patients. <i>American Journal of Dermatopathology</i> , 2012, 34, 506-510.	0.6	33
56	Critical Skin Cancer in Organ Transplant Recipients – A Dermatopathological View. <i>Current Problems in Dermatology</i> , 2012, 43, 18-35.	0.7	8
57	Validation of a TFE3 Break-apart FISH Assay for Xp11.2 Translocation Renal Cell Carcinomas. <i>Diagnostic Molecular Pathology</i> , 2011, 20, 129-137.	2.1	60
58	Detection of Merkel Cell Polyomavirus in Epidermodysplasia-Verruciformis-Associated Skin Neoplasms. <i>Dermatology</i> , 2011, 222, 87-92.	2.1	18
59	Aerosols Transmit Prions to Immunocompetent and Immunodeficient Mice. <i>PLoS Pathogens</i> , 2011, 7, e1001257.	4.7	62
60	<i>Borrelia</i> in granuloma annulare, morphea and lichen sclerosus: a PCR-based study and review of the literature. <i>Journal of Cutaneous Pathology</i> , 2010, 37, 571-577.	1.3	67
61	Basal cell carcinoma in a series of renal transplant recipients: epidemiology and clinicopathologic features. <i>International Journal of Dermatology</i> , 2010, 49, 385-389.	1.0	19
62	C3d immunohistochemistry on formalin-fixed tissue is a valuable tool in the diagnosis of bullous pemphigoid of the skin. <i>Journal of Cutaneous Pathology</i> , 2010, 37, 654-658.	1.3	49
63	Inflammatory Monocytes Are a Reservoir for Merkel Cell Polyomavirus. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1146-1151.	0.7	71
64	Merkel cell polyomavirus is present in common warts and carcinoma in situ of the skin. <i>Human Pathology</i> , 2010, 41, 1369-1379.	2.0	39
65	ERG Cooperates with Androgen Receptor in Regulating Trefoil Factor 3 in Prostate Cancer Disease Progression. <i>Neoplasia</i> , 2010, 12, 1031-IN22.	5.3	51
66	Abstract LB-21: Emergence of castration resistant prostate cancer class defined by recurrent ERG fusion. , 2010, , .		0
67	The Comprehensive Native Interactome of a Fully Functional Tagged Prion Protein. <i>PLoS ONE</i> , 2009, 4, e4446.	2.5	69
68	Patterns of Gene Expression and Copy-Number Alterations in von-Hippel Lindau Disease-Associated and Sporadic Clear Cell Carcinoma of the Kidney. <i>Cancer Research</i> , 2009, 69, 4674-4681.	0.9	370
69	A rare case of atypical cellular neurothekeoma in a 68-year-old woman. <i>Journal of Cutaneous Pathology</i> , 2009, 36, 1210-1214.	1.3	7
70	INTEGRATION OF ERG GENE MAPPING AND GENE-EXPRESSION PROFILING IDENTIFIES DISTINCT CATEGORIES OF HUMAN PROSTATE CANCER. <i>BJU International</i> , 2009, 103, 1293-1293.	2.5	0
71	pVHL coordinately regulates CXCR4/CXCL12 and MMP2/MMP9 expression in human clear cell renal cell carcinoma. <i>Journal of Pathology</i> , 2008, 214, 464-471.	4.5	65
72	Association of cytokeratin 7 and 19 expression with genomic stability and favorable prognosis in clear cell renal cell cancer. <i>International Journal of Cancer</i> , 2008, 123, 569-576.	5.1	43

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73	ERG EXPRESSION VARIES IN DIFFERENT ISOFORMS OF TMPRSS2:ERG GENE FUSION IN PROSTATE CANCER. Journal of Urology, 2008, 179, 393-393.	0.4	0
74	Estrogen-Dependent Signaling in a Molecularly Distinct Subclass of Aggressive Prostate Cancer. Journal of the National Cancer Institute, 2008, 100, 815-825.	6.3	286
75	Characterization of <i>TMPRSS2-ERG</i> Fusion High-Grade Prostatic Intraepithelial Neoplasia and Potential Clinical Implications. Clinical Cancer Research, 2008, 14, 3380-3385.	7.0	200
76	Integrative Microarray Analysis of Pathways Dysregulated in Metastatic Prostate Cancer. Cancer Research, 2007, 67, 10296-10303.	0.9	71
77	Automated immunofluorescence analysis defines microvessel area as a prognostic parameter in clear cell renal cell cancer. Human Pathology, 2007, 38, 1454-1462.	2.0	44
78	Molecular Characterization of TMPRSS2-ERG Gene Fusion in the NCI-H660 Prostate Cancer Cell Line: A New Perspective for an Old Model. Neoplasia, 2007, 9, 200-IN3.	5.3	119
79	Morphological features of TMPRSS2-ERG gene fusion prostate cancer. Journal of Pathology, 2007, 212, 91-101.	4.5	117
80	High-throughput oncogene mutation profiling in human cancer. Nature Genetics, 2007, 39, 347-351.	21.4	927
81	Expression of classical cadherins in the cerebellar anlage: Quantitative and functional aspects. Molecular and Cellular Neurosciences, 2006, 33, 447-458.	2.2	20
82	Progressive scoliosis in central core disease. European Spine Journal, 2005, 14, 900-905.	2.2	11
83	Truncated Prion Protein and Doppel Are Myelinotoxic in the Absence of Oligodendrocytic PrPC. Journal of Neuroscience, 2005, 25, 4879-4888.	3.6	81
84	Immune system and peripheral nerves in propagation of prions to CNS. British Medical Bulletin, 2003, 66, 141-159.	6.9	51
85	An efficient in situ hybridization protocol for multiple tissue sections and probes on miniaturized slides. Development Genes and Evolution, 2002, 212, 403-406.	0.9	26
86	Electroporation of primary neural cultures: a simple method for directed gene transfer in vitro. Histochemistry and Cell Biology, 2002, 118, 501-506.	1.7	24
87	Differentiation and morphogenesis of cerebellar interneurons developing under controlled in vitro conditions. Annals of Anatomy, 2001, 183, 389-390.	1.9	1
88	Brain-derived neurotrophic factor modulates dendritic morphology of cerebellar basket and stellate cells: an in vitro study. Neuroscience, 2000, 97, 303-310.	2.3	59
89	The differentiation of cerebellar interneurons is independent of their mitotic history. Neuroscience, 1999, 90, 1243-1254.	2.3	24
90	Regulation of heme oxygenase-1 expression by dopamine in cultured C6 glioma and primary astrocytes. Molecular Brain Research, 1999, 73, 50-59.	2.3	33