

Kathleen T Montone

List of Publications by Year in descending order

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95
papers

4,613
citations

147801

31
h-index

106344

65
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97
all docs

97
docs citations

97
times ranked

7343
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Genomic Characterization of Long Non-coding RNAs across Human Cancers. <i>Cancer Cell</i> , 2015, 28, 529-540.	16.8	601
2	Cooperation between Constitutive and Inducible Chemokines Enables T Cell Engraftment and Immune Attack in Solid Tumors. <i>Cancer Cell</i> , 2019, 35, 885-900.e10.	16.8	475
3	A Functional Genomic Approach Identifies <i>FAL1</i> as an Oncogenic Long Noncoding RNA that Associates with <i>BMI1</i> and Represses <i>p21</i> Expression in Cancer. <i>Cancer Cell</i> , 2014, 26, 344-357.	16.8	361
4	Long noncoding RNA <i>LINP1</i> regulates repair of DNA double-strand breaks in triple-negative breast cancer. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 522-530.	8.2	231
5	Repression of BET activity sensitizes homologous recombination-proficient cancers to PARP inhibition. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	180
6	Integrated Analysis of Genetic Ancestry and Genomic Alterations across Cancers. <i>Cancer Cell</i> , 2018, 34, 549-560.e9.	16.8	168
7	Histology and Histomorphometry of Ethmoid Bone in Chronic Rhinosinusitis. <i>Laryngoscope</i> , 1998, 108, 502-507.	2.0	154
8	Whole-exome sequencing identifies somatic <i>ATRX</i> mutations in pheochromocytomas and paragangliomas. <i>Nature Communications</i> , 2015, 6, 6140.	12.8	143
9	The Thyroid Hürthle (Oncocytic) Cell and Its Associated Pathologic Conditions: A Surgical Pathology and Cytopathology Review. <i>Archives of Pathology and Laboratory Medicine</i> , 2008, 132, 1241-1250.	2.5	140
10	Reporting of fine needle aspiration (FNA) specimens of salivary gland lesions: A comprehensive review. <i>Diagnostic Cytopathology</i> , 2017, 45, 820-827.	1.0	110
11	A Phase 2 Trial of Alternative Volumes of Oropharyngeal Irradiation for De-intensification (AVOID): Omission of the Resected Primary Tumor Bed After Transoral Robotic Surgery for Human Papilloma Virus-Related Squamous Cell Carcinoma of the Oropharynx. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 725-732.	0.8	103
12	Pathology of Fungal Rhinosinusitis: A Review. <i>Head and Neck Pathology</i> , 2016, 10, 40-46.	2.6	99
13	Fungal Rhinosinusitis: A Retrospective Microbiologic and Pathologic Review of 400 Patients at a Single University Medical Center. <i>International Journal of Otolaryngology</i> , 2012, 2012, 1-9.	0.9	97
14	Integrative comparison of the genomic and transcriptomic landscape between prostate cancer patients of predominantly African or European genetic ancestry. <i>PLoS Genetics</i> , 2020, 16, e1008641.	3.5	78
15	Myeloid antigen-presenting cell niches sustain antitumor T cells and license PD-1 blockade via CD28 costimulation. <i>Cancer Cell</i> , 2021, 39, 1623-1642.e20.	16.8	64
16	Rapid Method for Detection of <i>Aspergillus</i> 5S Ribosomal RNA Using a Genus-specific Oligonucleotide Probe. <i>American Journal of Clinical Pathology</i> , 1995, 103, 48-51.	0.7	60
17	<i>Lin-28</i> Homologue A (<i>LIN28A</i>) Promotes Cell Cycle Progression via Regulation of Cyclin-dependent Kinase 2 (<i>CDK2</i>), Cyclin D1 (<i>CCND1</i>), and Cell Division Cycle 25 Homolog A (<i>CDC25A</i>) Expression in Cancer. <i>Journal of Biological Chemistry</i> , 2012, 287, 17386-17397.	3.4	60
18	The utility of the Milan System as a risk stratification tool for salivary gland fine needle aspiration cytology specimens. <i>Cytopathology</i> , 2019, 30, 91-98.	0.7	60

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19	Post-transplant lymphoproliferative disease in children. <i>Pediatric Transplantation</i> , 2001, 5, 250-257.	1.0	59
20	Activating <i>KRAS</i> mutations are characteristic of oncocytic sinonasal papilloma and associated sinonasal squamous cell carcinoma. <i>Journal of Pathology</i> , 2016, 239, 394-398.	4.5	55
21	CDX2 Expression in Columnar Cell Variant of Papillary Thyroid Carcinoma. <i>American Journal of Clinical Pathology</i> , 2012, 137, 722-726.	0.7	52
22	Identification of p53 and Human Papilloma Virus in Schneiderian Papillomas. <i>Laryngoscope</i> , 1998, 108, 497-501.	2.0	49
23	RNA-binding protein LIN28B inhibits apoptosis through regulation of the AKT2/FOXO3A/BIM axis in ovarian cancer cells. <i>Signal Transduction and Targeted Therapy</i> , 2018, 3, 23.	17.1	49
24	Expression of Prolactin and Its Receptor in Human Breast Carcinoma. <i>Endocrinology</i> , 1997, 138, 5555-5560.	2.8	44
25	Detection of <i>Aspergillus</i> Ribosomal RNA Using Biotinylated Oligonucleotide Probes. <i>Diagnostic Molecular Pathology</i> , 1997, 6, 255-260.	2.1	43
26	Suppression of MicroRNA 200 Family Expression by Oncogenic KRAS Activation Promotes Cell Survival and Epithelial-Mesenchymal Transition in KRAS-Driven Cancer. <i>Molecular and Cellular Biology</i> , 2016, 36, 2742-2754.	2.3	42
27	Predicting Metastatic Potential in Pheochromocytoma and Paraganglioma: A Comparison of PASS and GAPP Scoring Systems. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4661-e4670.	3.6	40
28	In Situ Hybridization for <i>Aspergillus</i> and <i>Penicillium</i> in Allergic Fungal Sinusitis: A Rapid Means of Speciating Fungal Pathogens in Tissues. <i>Laryngoscope</i> , 1997, 107, 233-240.	2.0	39
29	Genomic characterization of genes encoding histone acetylation modulator proteins identifies therapeutic targets for cancer treatment. <i>Nature Communications</i> , 2019, 10, 733.	12.8	39
30	In Situ Hybridization for Specific Fungal Organisms in Acute Invasive Fungal Rhinosinusitis. <i>American Journal of Clinical Pathology</i> , 2011, 135, 190-199.	0.7	37
31	Poorly Differentiated Oncocytic (Härtle Cell) Follicular Carcinoma: an Institutional Experience. <i>Endocrine Pathology</i> , 2015, 26, 164-169.	9.0	36
32	Differentiation of <i>Fusarium</i> From <i>Aspergillus</i> Species by Colorimetric In Situ Hybridization in Formalin-Fixed, Paraffin-Embedded Tissue Sections Using Dual Fluorogenic-Labeled LNA Probes. <i>American Journal of Clinical Pathology</i> , 2009, 132, 866-870.	0.7	33
33	The Cancer Surfaceome Atlas integrates genomic, functional and drug response data to identify actionable targets. <i>Nature Cancer</i> , 2021, 2, 1406-1422.	13.2	33
34	Neonatal adenovirus infection: A case report with in situ hybridization confirmation of ascending intrauterine infection. <i>Diagnostic Cytopathology</i> , 1995, 12, 341-344.	1.0	31
35	PTEN and TP53 Mutations in Oncocytic Follicular Carcinoma. <i>Endocrine Pathology</i> , 2015, 26, 365-369.	9.0	30
36	Infectious Diseases of the Head and Neck. <i>American Journal of Clinical Pathology</i> , 2007, 128, 35-67.	0.7	29

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37	YAP1 activation by human papillomavirus E7 promotes basal cell identity in squamous epithelia. <i>ELife</i> , 2022, 11, .	6.0	29
38	Colorimetric detection of herpes simplex virus by DNA insitusandwich hybridization: a rapid, formamide-free, random oligomer-enhanced method. <i>Nucleic Acids Research</i> , 1992, 20, 1149-1149.	14.5	28
39	Papillary Thyroid Microcarcinoma: Reclassification to Non-Invasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features (NIFTP): a Retrospective Clinicopathologic Study. <i>Endocrine Pathology</i> , 2018, 29, 339-345.	9.0	28
40	A rapid simple in situ hybridization method for herpes simplex virus employing a synthetic biotin-labeled oligonucleotide probe: A comparison with immunohistochemical methods for HSV detection. <i>Journal of Clinical Laboratory Analysis</i> , 1994, 8, 105-115.	2.1	27
41	In Situ Hybridization for <i>Coccidioides immitis</i> 5.8S Ribosomal RNA Sequences in Formalin-fixed, Paraffin-embedded Pulmonary Specimens Using a Locked Nucleic Acid Probe. <i>Diagnostic Molecular Pathology</i> , 2010, 19, 99-104.	2.1	27
42	In Situ Hybridization for Ribosomal RNA Sequences: A Rapid Sensitive Method for Diagnosis of Infectious Pathogens in Anatomic Pathology Substrates.. <i>Acta Histochemica Et Cytochemica</i> , 1994, 27, 601-606.	1.6	24
43	Adrenocortical Neoplasms With Myelolipomatous and Lipomatous Metaplasia: Report of 3 Cases. <i>Endocrine Practice</i> , 2009, 15, 128-133.	2.1	24
44	Cortactin Localization in Actin-containing Adult and Fetal tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 1189-1191.	2.5	22
45	Differential Diagnosis of Necrotizing Sinonasal Lesions. <i>Archives of Pathology and Laboratory Medicine</i> , 2015, 139, 1508-1514.	2.5	20
46	Detection of Molecular Alterations in Medullary Thyroid Carcinoma Using Next-Generation Sequencing: an Institutional Experience. <i>Endocrine Pathology</i> , 2016, 27, 359-362.	9.0	20
47	In situ hybridization for epidermal growth factor receptor (EGFR) external domain transcripts in prostatic adenocarcinoma. <i>Journal of Clinical Laboratory Analysis</i> , 1993, 7, 188-195.	2.1	19
48	Varicella-zoster ventriculo-encephalitis and spinal cord infarction in a patient with AIDS. <i>Acta Neuropathologica</i> , 1996, 92, 202-205.	7.7	19
49	The Differential Diagnosis of Sinonasal/Nasopharyngeal Neuroendocrine/Neuroectodermally Derived Tumors. <i>Archives of Pathology and Laboratory Medicine</i> , 2015, 139, 1498-1507.	2.5	19
50	Systematic Characterization of Recurrent Genomic Alterations in Cyclin-Dependent Kinases Reveals Potential Therapeutic Strategies for Cancer Treatment. <i>Cell Reports</i> , 2020, 32, 107884.	6.4	19
51	In Situ Hybridization for rRNA Sequences in Anatomic Pathology Specimens, Applications for Fungal Pathogen Detection. <i>Advances in Anatomic Pathology</i> , 2013, 20, 168-174.	4.3	18
52	Adequacy of fine-needle aspiration specimens for human papillomavirus infection molecular testing in head and neck squamous cell carcinoma. <i>CytoJournal</i> , 2013, 10, 21.	1.7	18
53	Pathologic grading of mucoepidermoid carcinomas of the salivary gland and its effect on clinicopathologic follow-up: an institutional experience. <i>Human Pathology</i> , 2020, 98, 89-97.	2.0	18
54	Subcellular Detection of SARS-CoV-2 RNA in Human Tissue Reveals Distinct Localization in Alveolar Type 2 Pneumocytes and Alveolar Macrophages. <i>MBio</i> , 2022, 13, e0375121.	4.1	18

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55	Cytomorphology of primary CNS lymphoma: Review of 23 cases and evidence for the role of EBV. , 1996, 14, 114-120.		17
56	STK11 Mutation Identified in Thyroid Carcinoma. Endocrine Pathology, 2016, 27, 65-69.	9.0	17
57	In Situ Detection of Aspergillus 18s Ribosomal RNA Sequences Using a Terminally Biotinylated Locked Nucleic Acid (LNA) Probe. Diagnostic Molecular Pathology, 2009, 18, 239-242.	2.1	16
58	Embryonal and Alveolar Rhabdomyosarcoma of Parameningeal Sites in Adults: A Report of 13 Cases. International Journal of Surgical Pathology, 2009, 17, 22-30.	0.8	16
59	Unique cytomegalovirus intracytoplasmic inclusions in ectocervical cells on a cervical/endocervical smear. Diagnostic Cytopathology, 1998, 18, 110-112.	1.0	15
60	The Molecular Genetics of Inflammatory, Autoimmune, and Infectious Diseases of the Sinonasal Tract: A Review. Archives of Pathology and Laboratory Medicine, 2014, 138, 745-753.	2.5	15
61	Alpha-defensins: risk factor for thrombosis in COVID-19 infection. British Journal of Haematology, 2021, 194, 44-52.	2.5	15
62	Parathyroid. Surgical Pathology Clinics, 2014, 7, 515-531.	1.7	14
63	Systematic illumination of druggable genes in cancer genomes. Cell Reports, 2022, 38, 110400.	6.4	14
64	Role of Fungi in the Pathophysiology of Chronic Rhinosinusitis: An Update. Current Allergy and Asthma Reports, 2013, 13, 224-228.	5.3	13
65	Rapid In-situ Hybridization for Dematiaceous Fungi Using a Broad-spectrum Oligonucleotide DNA Probe. Diagnostic Molecular Pathology, 2011, 20, 180-183.	2.1	12
66	Oncocytic follicular nodules of the thyroid with or without chronic lymphocytic thyroiditis: An institutional experience. CytoJournal, 2013, 10, 2.	1.7	12
67	Analysis of Epstein-Barr virus in Hodgkin's disease: Experience of a single university hospital in Korea. Journal of Clinical Laboratory Analysis, 1994, 8, 412-417.	2.1	10
68	The variable pathologic presentations of medullary and micro-medullary thyroid carcinoma: An institutional experience. Pathology Research and Practice, 2014, 210, 182-185.	2.3	10
69	Feasibility and relevance of level I substation node counts in oropharyngeal carcinoma. Head and Neck, 2016, 38, 1194-1200.	2.0	9
70	Practice Paradigms Before and After Introduction of the Diagnosis-Noninvasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features (NIFTP): an Institutional Experience. Endocrine Pathology, 2020, 31, 174-181.	9.0	9
71	A contemporary update on hyalinizing clear cell carcinoma: compilation of all in-house cases at our institution and a literature review spanning 2015-2020. Human Pathology, 2021, 111, 45-51.	2.0	9
72	A benchmark for oncologic outcomes and model for lethal recurrence risk after transoral robotic resection of HPV-related oropharyngeal cancers. Oral Oncology, 2022, 127, 105798.	1.5	8

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73	Apoptosis and P53 in Inverting Papilloma of the Sinonasal Tract. American Journal of Rhinology & Allergy, 1999, 13, 427-434.	2.2	7
74	Fine needle aspiration of salivary gland carcinomas with high-grade transformation: A multi-institutional study of 22 cases and review of the literature. Cancer Cytopathology, 2021, 129, 318-325.	2.4	7
75	Malignant potential of small oncocytic follicular carcinoma/high-grade cell carcinoma: an institutional experience. Histopathology, 2013, 63, n/a-n/a.	2.9	6
76	A Systematic Analysis of the Adrenal Gland: A Compilation of Primary Cystic Lesions From Our Institution and Review of the Literature. American Journal of Clinical Pathology, 2022, 157, 531-539.	0.7	6
77	Identification of Epstein-Barr Virus Lytic and Latent RNA Transcripts in Post-transplant Lymphoproliferative Disorder. International Journal of Surgical Pathology, 1995, 3, 119-130.	0.8	5
78	Regulating the T-Cell Immune Response Toward the H99 Strain of Cryptococcus neoformans. American Journal of Pathology, 2009, 175, 2255-2256.	3.8	5
79	Using temporal artery biopsy to diagnose giant cell arteritis in a patient with bilateral arm ischemia. International Journal of Surgery Case Reports, 2015, 13, 95-98.	0.6	4
80	Papillary thyroid microcarcinomas: does subtyping predict aggressive clinical behavior?. Human Pathology, 2021, 114, 28-35.	2.0	4
81	A Practical Guide to the Role of Ancillary Techniques in the Diagnosis of Infectious Agents in Fine Needle Aspiration Samples. Acta Cytologica, 2020, 64, 81-91.	1.3	3
82	Systematic Pan-Cancer Characterization of Nuclear Receptors Identifies Potential Cancer Biomarkers and Therapeutic Targets. Cancer Research, 2022, 82, 46-59.	0.9	3
83	Disseminated Fungal Infections at Autopsy. , 2011, 16, 260-265.		2
84	Inflammatory and Infectious Lesions of the Sinonasal Tract. Surgical Pathology Clinics, 2017, 10, 125-154.	1.7	2
85	Surgical Pathology Resident Rotation Restructuring at a Tertiary Care Academic Center. Academic Pathology, 2017, 4, 2374289517736344.	1.1	2
86	In Situ Hybridization for Fungal Ribosomal RNA Sequences in Paraffin-Embedded Tissues Using Biotin-Labeled Locked Nucleic Acid Probes. Methods in Molecular Biology, 2014, 1211, 229-235.	0.9	2
87	Amyloid Goiter in a Patient with Progressive Thyromegaly. Endocrine Pathology, 2016, 27, 76-78.	9.0	1
88	Detection of Fungi by In Situ Hybridization With Oligonucleotide Probes Targeting Fungal Ribosomal RNA. , 2011, 16, 266-271.		0
89	Analysis of Ultrasound Features and Fine-Needle Aspiration Diagnosis of Thyroid Nodules in Relation to Surgical Pathology Outcome. American Journal of Clinical Pathology, 2014, 142, A246-A246.	0.7	0
90	Optimizing Specimen Distribution for Residency Training in a Subspecialty-Based Surgical Pathology Rotation in a Tertiary-Care Academic Center. American Journal of Clinical Pathology, 2015, 144, A102-A102.	0.7	0

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91	91 Noninvasive Follicular Thyroid Neoplasm With Papillary-Like Nuclear Features: Correlation Between Preoperative Fine-Needle Aspiration Diagnoses and Gene Expression Classifier Results. American Journal of Clinical Pathology, 2018, 149, S39-S39.	0.7	0
92	Pathology of the Thyroid: A Review. , 2019, , 455-492.		0
93	Sinonasal Tract. , 2019, , 77-110.		0
94	Automated Comparison of Pathology Reports for On-the-job Assessment of Residents. AMIA Summits on Translational Science Proceedings, 2019, 2019, 495-504.	0.4	0
95	Isolated Otologic Involvement of IgG4 Related Disease: A Case Report and Review of Literature. Cureus, 2022, 14, e23787.	0.5	0