Meera R Hameed

List of Publications by Year
in descending order

91	8,375	136950	49909
papers	citations	32 h-index	87 g-index

95	95	95	14356
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mutational landscape of metastatic cancer revealed from prospective clinical sequencing of 10,000 patients. Nature Medicine, 2017, 23, 703-713.	30.7	2,473
2	Memorial Sloan Kettering-Integrated Mutation Profiling of Actionable Cancer Targets (MSK-IMPACT). Journal of Molecular Diagnostics, 2015, 17, 251-264.	2.8	1,566
3	Novel YAP1â€TFE3 fusion defines a distinct subset of epithelioid hemangioendothelioma. Genes Chromosomes and Cancer, 2013, 52, 775-784.	2.8	463
4	Discovery of a periosteal stem cell mediating intramembranous bone formation. Nature, 2018, 562, 133-139.	27.8	426
5	Histone H3K36 mutations promote sarcomagenesis through altered histone methylation landscape. Science, 2016, 352, 844-849.	12.6	327
6	Identification of a novel, recurrent HEY1â€NCOA2 fusion in mesenchymal chondrosarcoma based on a genomeâ€wide screen of exonâ€level expression data. Genes Chromosomes and Cancer, 2012, 51, 127-139.	2.8	276
7	Near universal detection of alterations in <scp>CTNNB1</scp> and <scp>Wnt</scp> pathway regulators in desmoidâ€type fibromatosis by wholeâ€exome sequencing and genomic analysis. Genes Chromosomes and Cancer, 2015, 54, 606-615.	2.8	138
8	WholeÂslide imaging equivalency and efficiency study: experience at a large academic center. Modern Pathology, 2019, 32, 916-928.	5.5	134
9	ZC3H7B-BCOR high-grade endometrial stromal sarcomas: a report of 17 cases of a newly defined entity. Modern Pathology, 2018, 31, 674-684.	5.5	130
10	BCOR is a robust diagnostic immunohistochemical marker of genetically diverse high-grade endometrial stromal sarcoma, including tumors exhibiting variant morphology. Modern Pathology, 2017, 30, 1251-1261.	5.5	112
11	Diagnosis of known sarcoma fusions and novel fusion partners by targeted RNA sequencing with identification of a recurrent ACTB-FOSB fusion in pseudomyogenic hemangioendothelioma. Modern Pathology, 2019, 32, 609-620.	5.5	112
12	Validation of a digital pathology system including remote review during the COVID-19 pandemic. Modern Pathology, 2020, 33, 2115-2127.	5.5	112
13	Dual-color, Break-apart FISH Assay on Paraffin-embedded Tissues as an Adjunct to Diagnosis of Xp11 Translocation Renal Cell Carcinoma and Alveolar Soft Part Sarcoma. American Journal of Surgical Pathology, 2010, 34, 757-766.	3.7	111
14	The histopathology of Erdheimâ€“Chester disease: a comprehensive review of a molecularly characterized cohort. Modern Pathology, 2018, 31, 581-597.	5.5	102
15	USP6 gene rearrangements occur preferentially in giant cell reparative granulomas of the hands and feet but not in gnathic location. Human Pathology, 2014, 45, 1147-1152.	2.0	92
16	Primary malignant bone tumorsâ€”recent developments. Seminars in Diagnostic Pathology, 2011, 28, 86-101.	1.5	85
17	Implementation of Digital Pathology Offers Clinical and Operational Increase in Efficiency and Cost Savings. Archives of Pathology and Laboratory Medicine, 2019, 143, 1545-1555.	2.5	81
18	Tumor Syndromes Predisposing to Osteosarcoma. Advances in Anatomic Pathology, 2018, 25, 217-222.	4.3	78

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19	Clinical Genomic Sequencing of Pediatric and Adult Osteosarcoma Reveals Distinct Molecular Subsets with Potentially Targetable Alterations. Clinical Cancer Research, 2019, 25, 6346-6356.	7.0	75
20	A Genome-Wide High-Resolution Array-CGH Analysis of Cutaneous Melanoma and Comparison of Array-CGH to FISH in Diagnostic Evaluation. Journal of Molecular Diagnostics, 2013, 15, 581-591.	2.8	71
21	Enhanced specificity of clinical high-sensitivity tumor mutation profiling in cell-free DNA via paired normal sequencing using MSK-ACCESS. Nature Communications, 2021, 12, 3770.	12.8	68
22	Validation of Immunohistochemical Assays for Integral Biomarkers in the NCI-MATCH EAY131 Clinical Trial. Clinical Cancer Research, 2018, 24, 521-531.	7.0	64
23	Genomic Profiling Identifies Association of IDH1/IDH2 Mutation with Longer Relapse-Free and Metastasis-Free Survival in High-Grade Chondrosarcoma. Clinical Cancer Research, 2020, 26, 419-427.	7.0	60
24	Immunologic Correlates of the Abscopal Effect in a SMARCB1/INI1-negative Poorly Differentiated Chordoma after EZH2 Inhibition and Radiotherapy. Clinical Cancer Research, 2019, 25, 2064-2071.	7.0	59
25	Genomic aberrations frequently alter chromatin regulatory genes in chordoma. Genes Chromosomes and Cancer, 2016, 55, 591-600.	2.8	58
26	Three-Dimensional Histologic, Immunohistochemical, and Multiplex Immunofluorescence Analyses of Dynamic Vessel Co-Option of Spread Through Air Spaces in Lung Adenocarcinoma. Journal of Thoracic Oncology, 2020, 15, 589-600.	1.1	55
27	OncoTree: A Cancer Classification System for Precision Oncology. JCO Clinical Cancer Informatics, 2021, 5, 221-230.	2.1	51
28	Integrating Genomics Into Clinical Pediatric Oncology Using the Molecular Tumor Board at the Memorial Sloan Kettering Cancer Center. Pediatric Blood and Cancer, 2016, 63, 1368-1374.	1.5	49
29	Consistent copy number changes and recurrent <scp>PRKAR1A</scp> mutations distinguish <scp>M</scp>elanotic <scp>S</scp>chwannomas from <scp>M</scp>elanomas: <scp>SNP</scp>â€array and next generation sequencing analysis. Genes Chromosomes and Cancer, 2015, 54, 463-471.	2.8	44
30	Integrating digital pathology into clinical practice. Modern Pathology, 2022, 35, 152-164.	5.5	42
31	Association of MRI T2 Signal Intensity With Desmoid Tumor Progression During Active Observation. Annals of Surgery, 2020, 271, 748-755.	4.2	40
32	Integrated digital pathology at scale: A solution for clinical diagnostics and cancer research at a large academic medical center. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1874-1884.	4.4	39
33	Imaging features of low-grade fibromyxoid sarcoma (Evans tumor). Skeletal Radiology, 2012, 41, 1263-1272.	2.0	37
34	Identification of NTRK3 Fusions in Childhood Melanocytic Neoplasms. Journal of Molecular Diagnostics, 2017, 19, 387-396.	2.8	36
35	A molecular study of synovial chondromatosis. Genes Chromosomes and Cancer, 2020, 59, 144-151.	2.8	31
36	EWSR1-PATZ1 fusion renal cell carcinoma: a recurrent gene fusion characterizing thyroid-like follicular renal cell carcinoma. Modern Pathology, 2021, 34, 1921-1934.	5.5	28

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37	A Phase Ib/II Study of Gemcitabine and Docetaxel in Combination With Pazopanib for the Neoadjuvant Treatment of Soft Tissue Sarcomas. Oncologist, 2015, 20, 1245-1246.	3.7	25
38	Symplastic/pseudoanaplastic giant cell tumor of the bone. Skeletal Radiology, 2016, 45, 929-935.	2.0	25
39	Molecular Biomarker Testing for the Diagnosis of Diffuse Gliomas. Archives of Pathology and Laboratory Medicine, 2022, 146, 547-574.	2.5	25
40	GNAS Mutations in Fibrous Dysplasia: A Comparative Study of Standard Sequencing and Locked Nucleic Acid PCR Sequencing on Decalcified and Nondecalcified Formalin-fixed Paraffin-embedded Tissues. Applied Immunohistochemistry and Molecular Morphology, 2016, 24, 660-667.	1.2	24
41	The molecular landscape of extraskeletal osteosarcoma: A clinicopathological and molecular biomarker study. Journal of Pathology: Clinical Research, 2016, 2, 9-20.	3.0	24
42	Imaging features and clinical course of undifferentiated round cell sarcomas with CIC-DUX4 and BCOR-CCNB3 translocations. Skeletal Radiology, 2021, 50, 521-529.	2.0	24
43	Histone H3K36M mutation and trimethylation patterns in chondroblastoma. Histopathology, 2019, 74, 291-299.	2.9	23
44	Validation of mitotic cell quantification via microscopy and multiple whole-slide scanners. Diagnostic Pathology, 2019, 14, 65.	2.0	23
45	Myositis ossificans-like soft tissue aneurysmal bone cyst: a clinical, radiological, and pathological study of seven cases with COL1A1-USP6 fusion and a novel ANGPTL2-USP6 fusion. Modern Pathology, 2020, 33, 1492-1504.	5.5	23
46	Detection and assessment of capsular invasion, vascular invasion and lymph node metastasis volume in thyroid carcinoma using microCT scanning of paraffin tissue blocks (3D whole block imaging): a proof of concept. Modern Pathology, 2020, 33, 2449-2457.	5.5	23
47	Solitary fibrous tumor with neuroendocrine and squamous dedifferentiation: a potential diagnostic pitfall. Human Pathology, 2018, 77, 175-180.	2.0	22
48	The role of a monoclonal antibody 11C8B1 as a diagnostic marker of IDH2-mutated sinonasal undifferentiated carcinoma. Modern Pathology, 2019, 32, 205-215.	5.5	22
49	Soft Tissue Special Issue: Gnathic Fibro-Osseous Lesions and Osteosarcoma. Head and Neck Pathology, 2020, 14, 70-82.	2.6	20
50	Fine-needle aspiration of anaplastic thyroid carcinoma with varied cytologic and histologic patterns: A case report. Diagnostic Cytopathology, 1994, 11, 60-63.	1.0	19
51	T1-weighted Dynamic Contrast-enhanced MRI to Differentiate Nonneoplastic and Malignant Vertebral Body Lesions in the Spine. Radiology, 2020, 297, 382-389.	7.3	18
52	Digital Pathology Operations at an NYC Tertiary Cancer Center During the First 4 Months of COVID-19 Pandemic Response. Academic Pathology, 2021, 8, 23742895211010276.	1.1	18
53	Deep Interactive Learning: An Efficient Labeling Approach for Deep Learning-Based Osteosarcoma Treatment Response Assessment. Lecture Notes in Computer Science, 2020, , 540-549.	1.3	18
54	Pediatric fibromyxoid soft tissue tumor with <scp>PLAG1</scp> fusion: A novel entity?. Genes Chromosomes and Cancer, 2021, 60, 263-271.	2.8	16

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55	(Re) Defining the High-Power Field for Digital Pathology. Journal of Pathology Informatics, 2020, 11, 33.	1.7	16
56	Molecular diagnosis of soft tissue neoplasia: clinical applications and recent advances. Expert Review of Molecular Diagnostics, 2014, 14, 961-977.	3.1	14
57	Automatic quantification of HER2 gene amplification in invasive breast cancer from chromogenic in situ hybridization whole slide images. Journal of Medical Imaging, 2019, 6, 1.	1.5	14
58	Undifferentiated pleomorphic sarcoma: indolent, tail-like recurrence of a high-grade tumor. Skeletal Radiology, 2018, 47, 141-144.	2.0	13
59	RUNX2 (6p21.1) amplification in osteosarcoma. Human Pathology, 2019, 94, 23-28.	2.0	13
60	Molecular epidemiology of IDH2 hotspot mutations in cancer and immunohistochemical detection of R172K, R172G, and R172M variants. Human Pathology, 2020, 106, 45-53.	2.0	13
61	Mesenchymal chondrosarcoma: imaging features and clinical findings. Skeletal Radiology, 2021, 50, 333-341.	2.0	13
62	Primary alveolar soft part sarcoma of fibula demonstrating ASPLâ€“TFE3 fusion: a case report and review of the literature. Skeletal Radiology, 2008, 37, 1047-1051.	2.0	12
63	Polysomy is associated with poor outcome in 1p/19q codeleted oligodendroglial tumors. Neuro-Oncology, 2019, 21, 1164-1174.	1.2	12
64	Yield of Colonoscopy in Identification of Newly Diagnosed Desmoid-Type Fibromatosis with Underlying Familial Adenomatous Polyposis. Annals of Surgical Oncology, 2019, 26, 765-771.	1.5	12
65	Defining Novel DNA Virus-Tumor Associations and Genomic Correlates Using Prospective Clinical Tumor/Normal Matched Sequencing Data. Journal of Molecular Diagnostics, 2022, 24, 515-528.	2.8	12
66	Histologic Subtype Defines the Risk and Kinetics of Recurrence and Death for Primary Extremity/Truncal Liposarcoma. Annals of Surgery, 2021, 273, 1189-1196.	4.2	11
67	Adamantinomatous tumors: Longâ€term followâ€up study of 20 patients treated at a single institution. Journal of Surgical Oncology, 2020, 122, 273-282.	1.7	10
68	Locked Nucleic Acid Probes (LNA) for Enhanced Detection of Low-Level, Clinically Significant Mutations. Methods in Molecular Biology, 2016, 1392, 71-82.	0.9	9
69	Sarcomas of the mandible. Journal of Surgical Oncology, 2019, 120, 109-116.	1.7	8
70	Poorly differentiated chordoma with wholeâ€genome doubling evolving from a <scp>SMARCB1</scp>â€deficient conventional chordoma: A case report. Genes Chromosomes and Cancer, 2021, 60, 43-48.	2.8	8
71	Three-Dimensional Vessel Segmentation in Whole-Tissue and Whole-Block Imaging Using a Deep Neural Network. American Journal of Pathology, 2021, 191, 463-474.	3.8	7
72	Recurrent loss of chromosome 22 and <scp>SMARCB1</scp> deletion in extraâ€axial chordoma: A clinicopathological and molecular analysis. Genes Chromosomes and Cancer, 2021, 60, 796-807.	2.8	7

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73	Technical and nidus-specific factors associated with adequacy of intraprocedural biopsy samples preceding radiofrequency ablation of osteoid osteoma. Clinical Imaging, 2020, 61, 27-32.	1.5	6
74	Elevated Î²-hCG associated with aggressive Osteoblastoma. Skeletal Radiology, 2017, 46, 1187-1192.	2.0	5
75	Chromosome 3p loss of heterozygosity and reduced expression of H3K36me3 correlate with longer relapse-free survival in sacral conventional chordoma. Human Pathology, 2020, 104, 73-83.	2.0	5
76	The 2020 World Health Organization classification of bone tumors: what radiologists should know. Skeletal Radiology, 2023, 52, 329-348.	2.0	5
77	Evaluation of the Xpert MTB/RIF Performance on Tissues: Potential Impact on Airborne Infection Isolation at a Tertiary Cancer Care Center. Infection Control and Hospital Epidemiology, 2018, 39, 462-466.	1.8	4
78	Automated 3D scoring of fluorescence in situ hybridization (FISH) using a confocal whole slide imaging scanner. Applied Microscopy, 2021, 51, 4.	1.4	4
79	Efficient Visualization of Whole Slide Images in Web-based Viewers for Digital Pathology. Archives of Pathology and Laboratory Medicine, 2022, 146, 1273-1280.	2.5	4
80	Clinical Applications of Molecular Markers in Bone Tumors. Advances in Anatomic Pathology, 2015, 22, 337-344.	4.3	3
81	Template for Reporting Results of Biomarker Testing of Specimens From Patients With Gastrointestinal Stromal Tumors. Archives of Pathology and Laboratory Medicine, 2015, 139, 1271-1275.	2.5	3
82	Metastatic Medullary Thyroid Carcinoma and Cabozantinib: Case Series and Review of Literature. World Journal of Oncology, 2014, 5, 81-89.	1.5	3
83	Giant Cell Tumor of Distal Radius After Open Reduction Internal Fixation for Distal Radius Fracture. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2017, 1, e043.	0.7	2
84	Pathological Evaluation of Rectal Cancer Specimens Using Micro-Computed Tomography. Diagnostics, 2022, 12, 984.	2.6	2
85	Malignant Cartilage-Forming Tumors. Surgical Pathology Clinics, 2021, 14, 605-617.	1.7	1
86	Micro-computed tomography: A novel diagnostic technique for the evaluation of gastrointestinal specimens. Endoscopy International Open, 2021, 09, E1886-E1889.	1.8	1
87	Clinical Testing for Tumor Cell-Free DNA: College of American Pathologists Proficiency Programs Reveal Practice Trends. Archives of Pathology and Laboratory Medicine, 2023, 147, 425-433.	2.5	1
88	Atypical lipomatous tumor of the hand with transformation to dedifferentiated liposarcoma: a case report. Skeletal Radiology, 2018, 47, 703-709.	2.0	0
89	A prognostic nomogram for prediction of recurrence following surgical resection of desmoid tumors.. Journal of Clinical Oncology, 2012, 30, 10015-10015.	1.6	0
90	How well do we communicate risk? An evaluation of AJCC version 6 and 7 staging systems for soft tissue sarcomas.. Journal of Clinical Oncology, 2012, 30, 10001-10001.	1.6	0

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91	Multidisciplinary, articular surface-preserving treatment strategy for locally aggressive epithelioid hemangioma of the acetabulum employing serial bland transarterial embolization. Skeletal Radiology, 2022, , 1.	2.0	0