

# Matt Van De Rijn

## List of Publications by Year in descending order

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127  
papers

38,433  
citations

15001

68  
h-index

16186

128  
g-index

129  
all docs

129  
docs citations

129  
times ranked

45092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular portraits of human breast tumours. <i>Nature</i> , 2000, 406, 747-752.	13.7	13,397
2	Immunohistochemical and Clinical Characterization of the Basal-Like Subtype of Invasive Breast Carcinoma. <i>Clinical Cancer Research</i> , 2004, 10, 5367-5374.	3.2	2,393
3	Systematic variation in gene expression patterns in human cancer cell lines. <i>Nature Genetics</i> , 2000, 24, 227-235.	9.4	1,946
4	The CD47-signal regulatory protein alpha (SIRPα) interaction is a therapeutic target for human solid tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6662-6667.	3.3	1,255
5	Gene expression profiling identifies clinically relevant subtypes of prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 811-816.	3.3	1,175
6	Diversity, topographic differentiation, and positional memory in human fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12877-12882.	3.3	983
7	From The Cover: Robustness, scalability, and integration of a wound-response gene expression signature in predicting breast cancer survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3738-3743.	3.3	934
8	Gene Expression Signature of Fibroblast Serum Response Predicts Human Cancer Progression: Similarities between Tumors and Wounds. <i>PLoS Biology</i> , 2004, 2, e7.	2.6	824
9	Gene Expression Patterns in Human Liver Cancers. <i>Molecular Biology of the Cell</i> , 2002, 13, 1929-1939.	0.9	779
10	Endothelial cell diversity revealed by global expression profiling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10623-10628.	3.3	679
11	Human melanoma-initiating cells express neural crest nerve growth factor receptor CD271. <i>Nature</i> , 2010, 466, 133-137.	13.7	657
12	Systematic Analysis of Breast Cancer Morphology Uncovers Stromal Features Associated with Survival. <i>Science Translational Medicine</i> , 2011, 3, 108ra113.	5.8	603
13	The Novel Marker, DOG1, Is Expressed Ubiquitously in Gastrointestinal Stromal Tumors Irrespective of KIT or PDGFRA Mutation Status. <i>American Journal of Pathology</i> , 2004, 165, 107-113.	1.9	593
14	Identification, molecular characterization, clinical prognosis, and therapeutic targeting of human bladder tumor-initiating cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14016-14021.	3.3	584
15	Molecular characterisation of soft tissue tumours: a gene expression study. <i>Lancet</i> , The, 2002, 359, 1301-1307.	6.3	537
16	Expression of Cytokeratins 17 and 5 Identifies a Group of Breast Carcinomas with Poor Clinical Outcome. <i>American Journal of Pathology</i> , 2002, 161, 1991-1996.	1.9	494
17	A landscape effect in tenosynovial giant-cell tumor from activation of CSF1 expression by a translocation in a minority of tumor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 690-695.	3.3	474
18	Engineered SIRPα Variants as Immunotherapeutic Adjuvants to Anticancer Antibodies. <i>Science</i> , 2013, 341, 88-91.	6.0	401

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19	A Novel Monoclonal Antibody Against DOG1 is a Sensitive and Specific Marker for Gastrointestinal Stromal Tumors. <i>American Journal of Surgical Pathology</i> , 2008, 32, 210-218.	2.1	399
20	CD47-blocking immunotherapies stimulate macrophage-mediated destruction of small-cell lung cancer. <i>Journal of Clinical Investigation</i> , 2016, 126, 2610-2620.	3.9	336
21	Ano1 is a selective marker of interstitial cells of Cajal in the human and mouse gastrointestinal tract. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G1370-G1381.	1.6	320
22	TLE1 as a Diagnostic Immunohistochemical Marker for Synovial Sarcoma Emerging From Gene Expression Profiling Studies. <i>American Journal of Surgical Pathology</i> , 2007, 31, 240-246.	2.1	313
23	Gene Expression Patterns in Ovarian Carcinomas. <i>Molecular Biology of the Cell</i> , 2003, 14, 4376-4386.	0.9	302
24	Towards a novel classification of human malignancies based on gene expression patterns. <i>Journal of Pathology</i> , 2001, 195, 41-52.	2.1	265
25	Bone morphogenetic protein antagonist gremlin 1 is widely expressed by cancer-associated stromal cells and can promote tumor cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14842-14847.	3.3	264
26	Gene Expression Patterns in Renal Cell Carcinoma Assessed by Complementary DNA Microarray. <i>American Journal of Pathology</i> , 2003, 162, 925-932.	1.9	247
27	Intraepithelial T cells and prognosis in ovarian carcinoma: novel associations with stage, tumor type, and BRCA1 loss. <i>Modern Pathology</i> , 2009, 22, 393-402.	2.9	241
28	Three differentiation states risk-stratify bladder cancer into distinct subtypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2078-2083.	3.3	232
29	Transcriptional profiling of long non-coding RNAs and novel transcribed regions across a diverse panel of archived human cancers. <i>Genome Biology</i> , 2012, 13, R75.	13.9	221
30	Placental S100 (S100P) and GATA3: Markers for Transitional Epithelium and Urothelial Carcinoma Discovered by Complementary DNA Microarray. <i>American Journal of Surgical Pathology</i> , 2007, 31, 673-680.	2.1	219
31	Translocation and Expression of CSF1 in Pigmented Villonodular Synovitis, Tenosynovial Giant Cell Tumor, Rheumatoid Arthritis and Other Reactive Synovitides. <i>American Journal of Surgical Pathology</i> , 2007, 31, 970-976.	2.1	199
32	A DNA microarray survey of gene expression in normal human tissues. <i>Genome Biology</i> , 2005, 6, R22.	13.9	198
33	Mapping a multiplexed zoo of mRNA expression. <i>Development (Cambridge)</i> , 2016, 143, 3632-3637.	1.2	198
34	Software Tools for High-Throughput Analysis and Archiving of Immunohistochemistry Staining Data Obtained with Tissue Microarrays. <i>American Journal of Pathology</i> , 2002, 161, 1557-1565.	1.9	194
35	Determination of Stromal Signatures in Breast Carcinoma. <i>PLoS Biology</i> , 2005, 3, e187.	2.6	180
36	The Macrophage Colony-Stimulating Factor 1 Response Signature in Breast Carcinoma. <i>Clinical Cancer Research</i> , 2009, 15, 778-787.	3.2	177

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37	Loss of H3K27 tri-methylation is a diagnostic marker for malignant peripheral nerve sheath tumors and an indicator for an inferior survival. <i>Modern Pathology</i> , 2016, 29, 582-590.	2.9	164
38	A compact VEGF signature associated with distant metastases and poor outcomes. <i>BMC Medicine</i> , 2009, 7, 9.	2.3	162
39	Prognostic Significance of Macrophage Infiltration in Leiomyosarcomas. <i>Clinical Cancer Research</i> , 2008, 14, 1423-1430.	3.2	152
40	Familial Gastrointestinal Stromal Tumor Syndrome: Phenotypic and Molecular Features in a Kindred. <i>Journal of Clinical Oncology</i> , 2005, 23, 2735-2743.	0.8	146
41	Tissue Microarrays Are an Effective Quality Assurance Tool for Diagnostic Immunohistochemistry. <i>Modern Pathology</i> , 2002, 15, 1374-1380.	2.9	143
42	Gene Expression Patterns and Gene Copy Number Changes in Dermatofibrosarcoma Protuberans. <i>American Journal of Pathology</i> , 2003, 163, 2383-2395.	1.9	142
43	Dystrophin is a tumor suppressor in human cancers with myogenic programs. <i>Nature Genetics</i> , 2014, 46, 601-606.	9.4	142
44	Gastrointestinal stromal tumors (GISTs) with KIT and PDGFRA mutations have distinct gene expression profiles. <i>Oncogene</i> , 2004, 23, 7780-7790.	2.6	137
45	Tissue Microarray Validation of Epidermal Growth Factor Receptor and SALL2 in Synovial Sarcoma with Comparison to Tumors of Similar Histology. <i>American Journal of Pathology</i> , 2003, 163, 1449-1456.	1.9	133
46	The Retinoic Acid Synthesis Gene ALDH1a2 Is a Candidate Tumor Suppressor in Prostate Cancer. <i>Cancer Research</i> , 2005, 65, 8118-8124.	0.4	130
47	Clinically Relevant Molecular Subtypes in Leiomyosarcoma. <i>Clinical Cancer Research</i> , 2015, 21, 3501-3511.	3.2	129
48	Endoscopic molecular imaging of human bladder cancer using a CD47 antibody. <i>Science Translational Medicine</i> , 2014, 6, 260ra148.	5.8	124
49	3â€²-End Sequencing for Expression Quantification (3SEQ) from Archival Tumor Samples. <i>PLoS ONE</i> , 2010, 5, e8768.	1.1	123
50	A variant TMPRSS2 isoform and ERG fusion product in prostate cancer with implications for molecular diagnosis. <i>Modern Pathology</i> , 2007, 20, 467-473.	2.9	121
51	Atlas of clinically distinct cell states and ecosystems across human solid tumors. <i>Cell</i> , 2021, 184, 5482-5496.e28.	13.5	116
52	The immunoregulatory landscape of human tuberculosis granulomas. <i>Nature Immunology</i> , 2022, 23, 318-329.	7.0	110
53	Genome-wide transcriptome analyses reveal p53 inactivation mediated loss of miRâ€³4a expression in malignant peripheral nerve sheath tumours. <i>Journal of Pathology</i> , 2010, 220, 58-70.	2.1	106
54	A cell-intrinsic role for TLR2â€™MYD88 in intestinal and breast epithelia and oncogenesis. <i>Nature Cell Biology</i> , 2014, 16, 1238-1248.	4.6	106

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55	Histone Deacetylase Inhibitors Reverse SS18-SSX-Mediated Polycomb Silencing of the Tumor Suppressor <i>Early Growth Response 1</i> in Synovial Sarcoma. <i>Cancer Research</i> , 2008, 68, 4303-4310.	0.4	104
56	Distinction between serous tumors of low malignant potential and serous carcinomas based on global mRNA expression profiling. <i>Gynecologic Oncology</i> , 2005, 96, 684-694.	0.6	100
57	The fibromatosis signature defines a robust stromal response in breast carcinoma. <i>Laboratory Investigation</i> , 2008, 88, 591-601.	1.7	100
58	Gene Expression in the Normal Adult Human Kidney Assessed by Complementary DNA Microarray. <i>Molecular Biology of the Cell</i> , 2004, 15, 649-656.	0.9	97
59	Breakpoint Analysis of Transcriptional and Genomic Profiles Uncovers Novel Gene Fusions Spanning Multiple Human Cancer Types. <i>PLoS Genetics</i> , 2013, 9, e1003464.	1.5	97
60	Genomic Profiling Identifies GATA6 as a Candidate Oncogene Amplified in Pancreatobiliary Cancer. <i>PLoS Genetics</i> , 2008, 4, e1000081.	1.5	94
61	Gene Expression Patterns in Pancreatic Tumors, Cells and Tissues. <i>PLoS ONE</i> , 2007, 2, e323.	1.1	86
62	Coordinate Expression of Colony-Stimulating Factor-1 and Colony-Stimulating Factor-1-Related Proteins Is Associated with Poor Prognosis in Gynecological and Nongynecological Leiomyosarcoma. <i>American Journal of Pathology</i> , 2009, 174, 2347-2356.	1.9	83
63	Apo D in Soft Tissue Tumors. <i>American Journal of Surgical Pathology</i> , 2004, 28, 1063-1069.	2.1	81
64	The Stanford Tissue Microarray Database. <i>Nucleic Acids Research</i> , 2007, 36, D871-D877.	6.5	80
65	Novel endothelial cell markers in hepatocellular carcinoma. <i>Modern Pathology</i> , 2004, 17, 1198-1210.	2.9	78
66	A Systems Biology Approach to Anatomic Diversity of Skin. <i>Journal of Investigative Dermatology</i> , 2008, 128, 776-782.	0.3	78
67	ROR2 is a novel prognostic biomarker and a potential therapeutic target in leiomyosarcoma and gastrointestinal stromal tumour. <i>Journal of Pathology</i> , 2012, 227, 223-233.	2.1	77
68	<i>GFPT2</i> -Expressing Cancer-Associated Fibroblasts Mediate Metabolic Reprogramming in Human Lung Adenocarcinoma. <i>Cancer Research</i> , 2018, 78, 3445-3457.	0.4	75
69	Gene expression profiling identifies p63 as a diagnostic marker for giant cell tumor of the bone. <i>Modern Pathology</i> , 2008, 21, 531-539.	2.9	71
70	DOG1 for the Diagnosis of Gastrointestinal Stromal Tumor (GIST): Comparison Between 2 Different Antibodies. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2010, 18, 333-337.	0.6	69
71	EWSR1 fusion proteins mediate PAX7 expression in Ewing sarcoma. <i>Modern Pathology</i> , 2017, 30, 1312-1320.	2.9	69
72	Gene Expression Profiling of Breast Cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2008, 3, 67-97.	9.6	66

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73	The gene expression profile of extraskeletal myxoid chondrosarcoma. <i>Journal of Pathology</i> , 2005, 206, 433-444.	2.1	65
74	Vangl2/RhoA Signaling Pathway Regulates Stem Cell Self-Renewal Programs and Growth in Rhabdomyosarcoma. <i>Cell Stem Cell</i> , 2018, 22, 414-427.e6.	5.2	61
75	Gene Expression Programs of Human Smooth Muscle Cells: Tissue-Specific Differentiation and Prognostic Significance in Breast Cancers. <i>PLoS Genetics</i> , 2007, 3, e164.	1.5	56
76	Comparative Profiling of Primary Colorectal Carcinomas and Liver Metastases Identifies LEF1 as a Prognostic Biomarker. <i>PLoS ONE</i> , 2011, 6, e16636.	1.1	56
77	MAX inactivation is an early event in GIST development that regulates p16 and cell proliferation. <i>Nature Communications</i> , 2017, 8, 14674.	5.8	53
78	Modeling Clear Cell Sarcomagenesis in the Mouse: Cell of Origin Differentiation State Impacts Tumor Characteristics. <i>Cancer Cell</i> , 2013, 23, 215-227.	7.7	51
79	A clinico-genomic analysis of soft tissue sarcoma patients reveals CDKN2A deletion as a biomarker for poor prognosis. <i>Clinical Sarcoma Research</i> , 2019, 9, 12.	2.3	51
80	Combination Approach for Detecting Different Types of Alterations in Circulating Tumor DNA in Leiomyosarcoma. <i>Clinical Cancer Research</i> , 2018, 24, 2688-2699.	3.2	45
81	Anti-KIT monoclonal antibody inhibits imatinib-resistant gastrointestinal stromal tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3501-3506.	3.3	44
82	SMURF1 Amplification Promotes Invasiveness in Pancreatic Cancer. <i>PLoS ONE</i> , 2011, 6, e23924.	1.1	44
83	Gene expression profiling for the investigation of soft tissue sarcoma pathogenesis and the identification of diagnostic, prognostic, and predictive biomarkers. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010, 456, 141-151.	1.4	43
84	Detection of Premalignant Gastrointestinal Lesions Using Surface-Enhanced Resonance Raman Scattering—Nanoparticle Endoscopy. <i>ACS Nano</i> , 2019, 13, 1354-1364.	7.3	40
85	Validation of immature adipogenic status and identification of prognostic biomarkers in myxoid liposarcoma using tissue microarrays. <i>Human Pathology</i> , 2009, 40, 1244-1251.	1.1	39
86	TMA-Combiner, a simple software tool to permit analysis of replicate cores on tissue microarrays. <i>Modern Pathology</i> , 2005, 18, 1641-1648.	2.9	37
87	GENETICS OF SOFT TISSUE TUMORS. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2006, 1, 435-466.	9.6	37
88	Geographic differences in the distribution of molecular subtypes of breast cancer in Brazil. <i>BMC Women's Health</i> , 2014, 14, 102.	0.8	35
89	KIT Signaling Promotes Growth of Colon Xenograft Tumors in Mice and Is Up-Regulated in a Subset of Human Colon Cancers. <i>Gastroenterology</i> , 2015, 149, 705-717.e2.	0.6	35
90	A Role for Versican in the Development of Leiomyosarcoma. <i>Journal of Biological Chemistry</i> , 2014, 289, 34089-34103.	1.6	33

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91	A human lung tumor microenvironment interactome identifies clinically relevant cell-type cross-talk. <i>Genome Biology</i> , 2020, 21, 107.	3.8	33
92	A Tri-Marker Proliferation Index Predicts Biochemical Recurrence after Surgery for Prostate Cancer. <i>PLoS ONE</i> , 2011, 6, e20293.	1.1	32
93	Discovery and Characterization of Recurrent, Targetable ALK Fusions in Leiomyosarcoma. <i>Molecular Cancer Research</i> , 2019, 17, 676-685.	1.5	30
94	Tissue-Specific Expression of the Low-Affinity IgG Receptor, Fc $\gamma$ RIIb, on Human Mast Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1244.	2.2	28
95	Genomic aberrations in cell cycle genes predict progression of KIT-mutant gastrointestinal stromal tumors (GISTs). <i>Clinical Sarcoma Research</i> , 2019, 9, 3.	2.3	26
96	hCAP-D3 Expression Marks a Prostate Cancer Subtype With Favorable Clinical Behavior and Androgen Signaling Signature. <i>American Journal of Surgical Pathology</i> , 2008, 32, 205-209.	2.1	25
97	Stromal signatures in endometrioid endometrial carcinomas. <i>Modern Pathology</i> , 2014, 27, 631-639.	2.9	23
98	Gene expression profiling of low-grade endometrial stromal sarcoma indicates fusion protein-mediated activation of the Wnt signaling pathway. <i>Gynecologic Oncology</i> , 2018, 149, 388-393.	0.6	21
99	Increased midkine expression correlates with desmoid tumour recurrence: a potential biomarker and therapeutic target. <i>Journal of Pathology</i> , 2011, 225, 574-582.	2.1	20
100	Gene Expression Studies on Soft Tissue Tumors. <i>American Journal of Pathology</i> , 2002, 161, 1531-1534.	1.9	18
101	Desktop Transcriptome Sequencing From Archival Tissue to Identify Clinically Relevant Translocations. <i>American Journal of Surgical Pathology</i> , 2013, 37, 796-803.	2.1	17
102	Molecular pathological analysis of sarcomas using paraffin-embedded tissue: current limitations and future possibilities. <i>Histopathology</i> , 2014, 64, 163-170.	1.6	17
103	Stromal Responses among Common Carcinomas Correlated with Clinicopathologic Features. <i>Clinical Cancer Research</i> , 2013, 19, 5127-5135.	3.2	16
104	Reproducible, high-dimensional imaging in archival human tissue by multiplexed ion beam imaging by time-of-flight (MIBI-TOF). <i>Laboratory Investigation</i> , 2022, 102, 762-770.	1.7	16
105	Relationships between highly recurrent tumor suppressor alterations in 489 leiomyosarcomas. <i>Cancer</i> , 2021, 127, 2666-2673.	2.0	15
106	Macrophage infiltration and genetic landscape of undifferentiated uterine sarcomas. <i>JCI Insight</i> , 2017, 2, .	2.3	15
107	Next generation sequencing-based expression profiling identifies signatures from benign stromal proliferations that define stromal components of breast cancer. <i>Breast Cancer Research</i> , 2013, 15, R117.	2.2	14
108	LC3-mediated fibronectin mRNA translation induces fibrosarcoma growth by increasing connective tissue growth factor. <i>Journal of Cell Science</i> , 2009, 122, 1441-1451.	1.2	13

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109	Other Targetable Sarcomas. <i>Seminars in Oncology</i> , 2009, 36, 358-371.	0.8	12
110	Challenges in developing a molecular characterization of cancer. <i>Seminars in Oncology</i> , 2002, 29, 280-285.	0.8	10
111	PAX7 expression in sarcomas bearing the EWSR1-NFATC2 translocation. <i>Modern Pathology</i> , 2019, 32, 154-156.	2.9	10
112	Detection of SS18-SSX1/2 fusion transcripts in circulating tumor cells of patients with synovial sarcoma. <i>Diagnostic Pathology</i> , 2019, 14, 24.	0.9	10
113	Flipping the script on macrophages in leiomyosarcoma. <i>Oncolmmunology</i> , 2012, 1, 1202-1204.	2.1	8
114	Prognostic relevance of the hexosamine biosynthesis pathway activation in leiomyosarcoma. <i>Npj Genomic Medicine</i> , 2021, 6, 30.	1.7	8
115	Gross genomic alterations and gene expression profiles of high- grade serous carcinoma of the ovary with and without BRCA1 inactivation. <i>BMC Cancer</i> , 2010, 10, 493.	1.1	7
116	Giant Pulmonary Artery Aneurysm in a Patient With Marfan Syndrome and Pulmonary Hypertension. <i>Circulation</i> , 2016, 133, 1218-1221.	1.6	7
117	Immunohistochemistry for PAX7 is a useful confirmatory marker for Ewing sarcoma in decalcified bone marrow core biopsy specimens. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 473, 765-769.	1.4	7
118	Extraskeletal Osteosarcoma of the Hand: The Role of Marginal Excision and Adjuvant Radiation Therapy. <i>Hand</i> , 2015, 10, 602-606.	0.7	6
119	Molecular subtyping of leiomyosarcoma with 3â€² end RNA sequencing. <i>Genomics Data</i> , 2015, 5, 366-367.	1.3	6
120	CRISPR-SID: Identifying EZH2 as a druggable target for desmoid tumors via inÂvivo dependency mapping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	6
121	Use of a KIT-specific monoclonal antibody to bypass imatinib resistance in gastrointestinal stromal tumors. <i>Oncolmmunology</i> , 2013, 2, e24452.	2.1	5
122	Detection of Circulating Tumor DNA in Patients With Uterine Leiomyomas. <i>JCO Precision Oncology</i> , 2019, 3, 1-9.	1.5	5
123	Secondary breast angiosarcoma and germ line BRCA mutations: discussion of genetic susceptibility. <i>Journal of Radiation Oncology</i> , 2013, 2, 331-335.	0.7	4
124	Characterization of a novel anti-fatty acid synthase (FASN) antiserum in breast tissue. <i>Modern Pathology</i> , 2008, 21, 1413-1420.	2.9	3
125	Immune checkpoint blockade as a potential therapeutic strategy for undifferentiated malignancies. <i>Human Pathology</i> , 2018, 82, 39-45.	1.1	2
126	Detection of MDM2 amplification by shallow whole genome sequencing of cell-free DNA of patients with dedifferentiated liposarcoma. <i>PLoS ONE</i> , 2022, 17, e0262272.	1.1	1



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127	Transcriptomes of Soft Tissue Tumors. , 2003, , 305-327.		0