

Maximilian Diehn

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

215 papers	22,755 citations	59 h-index	150 g-index
230 ext. papers	30,693 ext. citations	9.7 avg, IF	6.67 L-index

#	Paper	IF	Citations
215	Robust enumeration of cell subsets from tissue expression profiles. <i>Nature Methods</i> , 2015 , 12, 453-7	21.6	3934
214	Association of reactive oxygen species levels and radioresistance in cancer stem cells. <i>Nature</i> , 2009 , 458, 780-3	50.4	1851
213	The prognostic landscape of genes and infiltrating immune cells across human cancers. <i>Nature Medicine</i> , 2015 , 21, 938-945	50.5	1541
212	An ultrasensitive method for quantitating circulating tumor DNA with broad patient coverage. <i>Nature Medicine</i> , 2014 , 20, 548-54	50.5	1363
211	Downregulation of miRNA-200c links breast cancer stem cells with normal stem cells. <i>Cell</i> , 2009 , 138, 592-603	56.2	1010
210	Determining cell type abundance and expression from bulk tissues with digital cytometry. <i>Nature Biotechnology</i> , 2019 , 37, 773-782	44.5	761
209	Individuality and variation in gene expression patterns in human blood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1896-901	11.5	640
208	Integrated digital error suppression for improved detection of circulating tumor DNA. <i>Nature Biotechnology</i> , 2016 , 34, 547-555	44.5	589
207	Circulating Tumor DNA Analysis in Patients With Cancer: American Society of Clinical Oncology and College of American Pathologists Joint Review. <i>Journal of Clinical Oncology</i> , 2018 , 36, 1631-1641	2.2	448
206	Circulating tumour DNA profiling reveals heterogeneity of EGFR inhibitor resistance mechanisms in lung cancer patients. <i>Nature Communications</i> , 2016 , 7, 11815	17.4	409
205	Gene expression profiling reveals molecularly and clinically distinct subtypes of glioblastoma multiforme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 5814-9	11.5	389
204	Early Detection of Molecular Residual Disease in Localized Lung Cancer by Circulating Tumor DNA Profiling. <i>Cancer Discovery</i> , 2017 , 7, 1394-1403	24.4	384
203	Identification of noninvasive imaging surrogates for brain tumor gene-expression modules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 5213-8	11.5	364
202	Stereotyped and specific gene expression programs in human innate immune responses to bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 972-7	11.5	337
201	SOURCE: a unified genomic resource of functional annotations, ontologies, and gene expression data. <i>Nucleic Acids Research</i> , 2003 , 31, 219-23	20.1	325
200	Outcomes of Observation vs Stereotactic Ablative Radiation for Oligometastatic Prostate Cancer: The ORIOLE Phase 2 Randomized Clinical Trial. <i>JAMA Oncology</i> , 2020 , 6, 650-659	13.4	297
199	Evolution and clinical impact of co-occurring genetic alterations in advanced-stage EGFR-mutant lung cancers. <i>Nature Genetics</i> , 2017 , 49, 1693-1704	36.3	289

198	Gene expression patterns in ovarian carcinomas. <i>Molecular Biology of the Cell</i> , 2003 , 14, 4376-86	3.5	273
197	Genomic expression programs and the integration of the CD28 costimulatory signal in T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 11796-801	11.5	270
196	Development and Validation of an Individualized Immune Prognostic Signature in Early-Stage Nonsquamous Non-Small Cell Lung Cancer. <i>JAMA Oncology</i> , 2017 , 3, 1529-1537	13.4	255
195	Isolation and molecular characterization of cancer stem cells in MMTV-Wnt-1 murine breast tumors. <i>Stem Cells</i> , 2008 , 26, 364-71	5.8	244
194	Cell-type specific gene expression profiles of leukocytes in human peripheral blood. <i>BMC Genomics</i> , 2006 , 7, 115	4.5	244
193	Distinct biological subtypes and patterns of genome evolution in lymphoma revealed by circulating tumor DNA. <i>Science Translational Medicine</i> , 2016 , 8, 364ra155	17.5	231
192	Biochemical interactions integrating Itk with the T cell receptor-initiated signaling cascade. <i>Journal of Biological Chemistry</i> , 2000 , 275, 2219-30	5.4	217
191	Large-scale identification of secreted and membrane-associated gene products using DNA microarrays. <i>Nature Genetics</i> , 2000 , 25, 58-62	36.3	213
190	Noninvasive monitoring of diffuse large B-cell lymphoma by immunoglobulin high-throughput sequencing. <i>Blood</i> , 2015 , 125, 3679-87	2.2	190
189	Transformation of follicular lymphoma to diffuse large-cell lymphoma: alternative patterns with increased or decreased expression of c-myc and its regulated genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 8886-91	11.5	190
188	Degradation of proteins from the ER of <i>S. cerevisiae</i> requires an intact unfolded protein response pathway. <i>Molecular Cell</i> , 2000 , 5, 729-35	17.6	164
187	Circulating Tumor DNA Measurements As Early Outcome Predictors in Diffuse Large B-Cell Lymphoma. <i>Journal of Clinical Oncology</i> , 2018 , 36, 2845-2853	2.2	164
186	Role of KEAP1/NRF2 and TP53 Mutations in Lung Squamous Cell Carcinoma Development and Radiation Resistance. <i>Cancer Discovery</i> , 2017 , 7, 86-101	24.4	159
185	Integrating genomic features for non-invasive early lung cancer detection. <i>Nature</i> , 2020 , 580, 245-251	50.4	147
184	Transcriptional programs activated by exposure of human prostate cancer cells to androgen. <i>Genome Biology</i> , 2002 , 3, RESEARCH0032	18.3	140
183	FACTERA: a practical method for the discovery of genomic rearrangements at breakpoint resolution. <i>Bioinformatics</i> , 2014 , 30, 3390-3	7.2	130
182	In vivo regulation of human skeletal muscle gene expression by thyroid hormone. <i>Genome Research</i> , 2002 , 12, 281-91	9.7	124
181	Stereotactic ablative radiotherapy should be combined with a hypoxic cell radiosensitizer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 78, 323-7	4	114

180	Predicting HLA class II antigen presentation through integrated deep learning. <i>Nature Biotechnology</i> , 2019 , 37, 1332-1343	44.5	112
179	Early-Stage Non-Small Cell Lung Cancer: Quantitative Imaging Characteristics of (18)F Fluorodeoxyglucose PET/CT Allow Prediction of Distant Metastasis. <i>Radiology</i> , 2016 , 281, 270-8	20.5	112
178	Therapeutic implications of the cancer stem cell hypothesis. <i>Seminars in Radiation Oncology</i> , 2009 , 19, 78-86	5.5	109
177	Stereotactic ablative radiotherapy (SABR) for treatment of central and ultra-central lung tumors. <i>Lung Cancer</i> , 2015 , 89, 50-6	5.9	108
176	Reprogramming the immunological microenvironment through radiation and targeting Axl. <i>Nature Communications</i> , 2016 , 7, 13898	17.4	97
175	Illuminating radiogenomic characteristics of glioblastoma multiforme through integration of MR imaging, messenger RNA expression, and DNA copy number variation. <i>Radiology</i> , 2014 , 270, 1-2	20.5	95
174	Targeting unique metabolic properties of breast tumor initiating cells. <i>Stem Cells</i> , 2014 , 32, 1734-45	5.8	85
173	Dynamic Risk Profiling Using Serial Tumor Biomarkers for Personalized Outcome Prediction. <i>Cell</i> , 2019 , 178, 699-713.e19	56.2	84
172	ctDNA applications and integration in colorectal cancer: an NCI Colon and Rectal-Anal Task Forces whitepaper. <i>Nature Reviews Clinical Oncology</i> , 2020 , 17, 757-770	19.4	82
171	Molecular profiling of single circulating tumor cells from lung cancer patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E8379-E8386	11.5	79
170	Genome-scale identification of membrane-associated human mRNAs. <i>PLoS Genetics</i> , 2006 , 2, e11	6	76
169	Noninvasive Early Identification of Therapeutic Benefit from Immune Checkpoint Inhibition. <i>Cell</i> , 2020 , 183, 363-376.e13	56.2	76
168	Detection and Surveillance of Bladder Cancer Using Urine Tumor DNA. <i>Cancer Discovery</i> , 2019 , 9, 500-509	4.4	75
167	Predicting Radiotherapy Responses and Treatment Outcomes Through Analysis of Circulating Tumor DNA. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 305-12	5.5	74
166	T cell receptor-independent basal signaling via Erk and Abl kinases suppresses RAG gene expression. <i>PLoS Biology</i> , 2003 , 1, E53	9.7	74
165	Circulating Tumor DNA Analysis in Patients With Cancer: American Society of Clinical Oncology and College of American Pathologists Joint Review. <i>Archives of Pathology and Laboratory Medicine</i> , 2018 , 142, 1242-1253	5	72
164	Circulating Tumor DNA Dynamics Predict Benefit from Consolidation Immunotherapy in Locally Advanced Non-Small Cell Lung Cancer. <i>Nature Cancer</i> , 2020 , 1, 176-183	15.4	71
163	Neurotrophic factor GDNF promotes survival of salivary stem cells. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3364-77	15.9	71

162	Circulating Tumor DNA Analysis for Detection of Minimal Residual Disease After Chemoradiotherapy for Localized Esophageal Cancer. <i>Gastroenterology</i> , 2020 , 158, 494-505.e6	13.3	71
161	Stereotactic ablative radiotherapy for reirradiation of locally recurrent lung tumors. <i>Journal of Thoracic Oncology</i> , 2012 , 7, 1462-5	8.9	68
160	Pulmonary ventilation imaging based on 4-dimensional computed tomography: comparison with pulmonary function tests and SPECT ventilation images. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 414-22	4	62
159	A population-based comparative effectiveness study of radiation therapy techniques in stage III non-small cell lung cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 88, 872-84	4	60
158	A phase II randomized trial of Observation versus stereotactic ablative Radiation for OLigometastatic prostate CancEr (ORIOLE). <i>BMC Cancer</i> , 2017 , 17, 453	4.8	60
157	Tumor volume-adapted dosing in stereotactic ablative radiotherapy of lung tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 84, 231-7	4	59
156	Comparing functional genomic datasets: lessons from DNA microarray analyses of host-pathogen interactions. <i>Current Opinion in Microbiology</i> , 2001 , 4, 95-101	7.9	56
155	ERBB2-Mutated Metastatic Non-Small Cell Lung Cancer: Response and Resistance to Targeted Therapies. <i>Journal of Thoracic Oncology</i> , 2017 , 12, 833-842	8.9	55
154	Robust Intratumor Partitioning to Identify High-Risk Subregions in Lung Cancer: A Pilot Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 95, 1504-1512	4	52
153	Role of KEAP1/NFE2L2 Mutations in the Chemotherapeutic Response of Patients with Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2020 , 26, 274-281	12.9	49
152	Inhibition of Mouse Breast Tumor-Initiating Cells by Calcitriol and Dietary Vitamin D. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 1951-61	6.1	48
151	Precision Hypofractionated Radiation Therapy in Poor Performing Patients With Non-Small Cell Lung Cancer: Phase 1 Dose Escalation Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 93, 72-81	4	48
150	-Expressing Cancer-Associated Fibroblasts Mediate Metabolic Reprogramming in Human Lung Adenocarcinoma. <i>Cancer Research</i> , 2018 , 78, 3445-3457	10.1	48
149	Liquid Biopsy for Advanced NSCLC: A Consensus Statement From the International Association for the Study of Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2021 , 16, 1647-1662	8.9	48
148	Control of inflammation by stromal Hedgehog pathway activation restrains colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E7545-E7553	11.5	47
147	Normal Tissue Constraints for Abdominal and Thoracic Stereotactic Body Radiotherapy. <i>Seminars in Radiation Oncology</i> , 2017 , 27, 197-208	5.5	45
146	Galectin-1 mediates radiation-related lymphopenia and attenuates NSCLC radiation response. <i>Clinical Cancer Research</i> , 2014 , 20, 5558-69	12.9	45
145	4D CT lung ventilation images are affected by the 4D CT sorting method. <i>Medical Physics</i> , 2013 , 40, 10190-7	4.4	45

144	Transcriptional response of human mast cells stimulated via the Fc(epsilon)RI and identification of mast cells as a source of IL-11. <i>BMC Immunology</i> , 2002 , 3, 5	3.7	45
143	Integrating Tumor and Stromal Gene Expression Signatures With Clinical Indices for Survival Stratification of Early-Stage Non-Small Cell Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	43
142	Colorectal Histology Is Associated With an Increased Risk of Local Failure in Lung Metastases Treated With Stereotactic Ablative Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 1044-1052	4	42
141	Differential gene expression in anatomical compartments of the human eye. <i>Genome Biology</i> , 2005 , 6, R74	18.3	42
140	Erythropoietin promotes breast tumorigenesis through tumor-initiating cell self-renewal. <i>Journal of Clinical Investigation</i> , 2014 , 124, 553-63	15.9	42
139	Type I collagen is overexpressed in medulloblastoma as a component of tumor microenvironment. <i>Journal of Neuro-Oncology</i> , 2008 , 86, 133-41	4.8	41
138	High-throughput sequencing for noninvasive disease detection in hematologic malignancies. <i>Blood</i> , 2017 , 130, 440-452	2.2	40
137	Metabolic imaging metrics correlate with survival in early stage lung cancer treated with stereotactic ablative radiotherapy. <i>Lung Cancer</i> , 2012 , 78, 219-24	5.9	40
136	A mathematical model of ctDNA shedding predicts tumor detection size. <i>Science Advances</i> , 2020 , 6,	14.3	36
135	Circulating Tumor DNA Analysis to Assess Risk of Progression after Long-term Response to PD-(L)1 Blockade in NSCLC. <i>Clinical Cancer Research</i> , 2020 , 26, 2849-2858	12.9	36
134	High retention and safety of percutaneously implanted endovascular embolization coils as fiducial markers for image-guided stereotactic ablative radiotherapy of pulmonary tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 81, 85-90	4	35
133	Combination Approach for Detecting Different Types of Alterations in Circulating Tumor DNA in Leiomyosarcoma. <i>Clinical Cancer Research</i> , 2018 , 24, 2688-2699	12.9	32
132	Deep segmentation networks predict survival of non-small cell lung cancer. <i>Scientific Reports</i> , 2019 , 9, 17286	4.9	32
131	Endothelial deletion of Ino80 disrupts coronary angiogenesis and causes congenital heart disease. <i>Nature Communications</i> , 2018 , 9, 368	17.4	30
130	Clinical implementation of intrafraction cone beam computed tomography imaging during lung tumor stereotactic ablative radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 87, 917-23	4	29
129	Neuregulin autocrine signaling promotes self-renewal of breast tumor-initiating cells by triggering HER2/HER3 activation. <i>Cancer Research</i> , 2014 , 74, 341-52	10.1	26
128	Mutations Predict Lung Cancer Radiation Resistance That Can Be Targeted by Glutaminase Inhibition. <i>Cancer Discovery</i> , 2020 , 10, 1826-1841	24.4	26
127	Durvalumab for Stage III EGFR-Mutated NSCLC After Definitive Chemoradiotherapy. <i>Journal of Thoracic Oncology</i> , 2021 , 16, 1030-1041	8.9	26

126	Dosimetric Factors and Toxicity in Highly Conformal Thoracic Reirradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 808-15	4	25
125	Case series of MET exon 14 skipping mutation-positive non-small-cell lung cancers with response to crizotinib and cabozantinib. <i>Anti-Cancer Drugs</i> , 2019 , 30, 537-541	2.4	25
124	A 3-D Riesz-Covariance Texture Model for Prediction of Nodule Recurrence in Lung CT. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 2620-2630	11.7	24
123	Data normalization considerations for digital tumor dissection. <i>Genome Biology</i> , 2017 , 18, 128	18.3	23
122	Intrafraction verification of gated RapidArc by using beam-level kilovoltage X-ray images. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 83, e709-15	4	23
121	Mid-radiotherapy PET/CT for prognostication and detection of early progression in patients with stage III non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2017 , 125, 338-343	5.3	22
120	Tumor volume as a potential imaging-based risk-stratification factor in trimodality therapy for locally advanced non-small cell lung cancer. <i>Journal of Thoracic Oncology</i> , 2011 , 6, 920-6	8.9	22
119	Imaging features associated with disease progression after stereotactic ablative radiotherapy for stage I non-small-cell lung cancer. <i>Clinical Lung Cancer</i> , 2014 , 15, 294-301.e3	4.9	21
118	Reducing 4D CT artifacts using optimized sorting based on anatomic similarity. <i>Medical Physics</i> , 2011 , 38, 2424-9	4.4	21
117	Single cell analysis reveals distinct immune landscapes in transplant and primary sarcomas that determine response or resistance to immunotherapy. <i>Nature Communications</i> , 2020 , 11, 6410	17.4	21
116	Atlas of clinically distinct cell states and ecosystems across human solid tumors. <i>Cell</i> , 2021 , 184, 5482-5496.e28	96.2	21
115	Impact of KEAP1/NFE2L2/CUL3 mutations on duration of response to EGFR tyrosine kinase inhibitors in EGFR mutated non-small cell lung cancer. <i>Lung Cancer</i> , 2019 , 134, 42-45	5.9	19
114	Deactivated CRISPR Associated Protein 9 for Minor-Allele Enrichment in Cell-Free DNA. <i>Clinical Chemistry</i> , 2018 , 64, 307-316	5.5	19
113	Pre-treatment non-target lung FDG-PET uptake predicts symptomatic radiation pneumonitis following Stereotactic Ablative Radiotherapy (SABR). <i>Radiotherapy and Oncology</i> , 2016 , 119, 454-60	5.3	19
112	Clinical impact of dose overestimation by effective path length calculation in stereotactic ablative radiation therapy of lung tumors. <i>Practical Radiation Oncology</i> , 2013 , 3, 294-300	2.8	19
111	Randomized Phase II Study of Preoperative Chemoradiotherapy + Panitumumab Followed by Consolidation Chemotherapy in Potentially Operable Locally Advanced (Stage IIIa, N2+) Non-Small Cell Lung Cancer: NRG Oncology RTOG 0839. <i>Journal of Thoracic Oncology</i> , 2017 , 12, 1413-1420	8.9	19
110	The Myc connection: ES cells and cancer. <i>Cell</i> , 2010 , 143, 184-6	56.2	18
109	To SABR or not to SABR? Indications and contraindications for stereotactic ablative radiotherapy in the treatment of early-stage, oligometastatic, or oligoprogressive non-small cell lung cancer. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 78-86	5.5	17

108	F-EF5 PET-based Imageable Hypoxia Predicts Local Recurrence in Tumors Treated With Highly Conformal Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 1183-1192	4	17
107	Migration of implanted markers for image-guided lung tumor stereotactic ablative radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2013 , 14, 4046	2.3	17
106	Metastatic cancer stem cells: an opportunity for improving cancer treatment?. <i>Cell Stem Cell</i> , 2010 , 6, 502-3	18	17
105	What the diagnostic radiologist needs to know about radiation oncology. <i>Radiology</i> , 2011 , 261, 30-44	20.5	17
104	Capturing Genomic Evolution of Lung Cancers through Liquid Biopsy for Circulating Tumor DNA. <i>Journal of Oncology</i> , 2017 , 2017, 4517834	4.5	16
103	Circulating tumor DNA testing in advanced non-small cell lung cancer. <i>Lung Cancer</i> , 2018 , 119, 42-47	5.9	16
102	Global analysis of shared T cell specificities in human non-small cell lung cancer enables HLA inference and antigen discovery. <i>Immunity</i> , 2021 , 54, 586-602.e8	32.3	16
101	Enhanced detection of minimal residual disease by targeted sequencing of phased variants in circulating tumor DNA. <i>Nature Biotechnology</i> , 2021 ,	44.5	16
100	A Quantitative CT Imaging Signature Predicts Survival and Complements Established Prognosticators in Stage I Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 1098-1106	4	15
99	Early prediction of clinical outcomes in resected stage II and III colorectal cancer (CRC) through deep sequencing of circulating tumor DNA (ctDNA).. <i>Journal of Clinical Oncology</i> , 2017 , 35, 3591-3591	2.2	15
98	Functional significance of U2AF1 S34F mutations in lung adenocarcinomas. <i>Nature Communications</i> , 2019 , 10, 5712	17.4	15
97	The landscape of tumor cell states and ecosystems in diffuse large B cell lymphoma. <i>Cancer Cell</i> , 2021 , 39, 1422-1437.e10	24.3	15
96	Identification and genetic manipulation of human and mouse oesophageal stem cells. <i>Gut</i> , 2016 , 65, 1077-86	19.2	14
95	Genetic Determinants of EGFR-Driven Lung Cancer Growth and Therapeutic Response. <i>Cancer Discovery</i> , 2021 , 11, 1736-1753	24.4	14
94	Prognostic value and molecular correlates of a CT image-based quantitative pleural contact index in early stage NSCLC. <i>European Radiology</i> , 2018 , 28, 736-746	8	14
93	Analysis of Long-Term 4-Dimensional Computed Tomography Regional Ventilation After Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 683-90	4	13
92	Hypofractionated Intensity-Modulated Radiotherapy for Patients With Non-Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2016 , 17, 588-594	4.9	12
91	A human lung tumor microenvironment interactome identifies clinically relevant cell-type cross-talk. <i>Genome Biology</i> , 2020 , 21, 107	18.3	11

90	A method for detecting and correcting feature misidentification on expression microarrays. <i>BMC Genomics</i> , 2004 , 5, 64	4.5	11
89	Early response evaluation using primary tumor and nodal imaging features to predict progression-free survival of locally advanced non-small cell lung cancer. <i>Theranostics</i> , 2020 , 10, 11707-11718	12.1	11
88	SABR-COMET: harbinger of a new cancer treatment paradigm. <i>Lancet, The</i> , 2019 , 393, 2013-2014	40	10
87	Long-Term Survival of a Patient With Non-Small-Cell Lung Cancer Harboring a V600E Mutation in the BRAF Oncogene. <i>Clinical Lung Cancer</i> , 2016 , 17, e17-21	4.9	9
86	Vagal and recurrent laryngeal neuropathy following stereotactic ablative radiation therapy in the chest. <i>Practical Radiation Oncology</i> , 2014 , 4, 272-8	2.8	9
85	Circulating DNA for Molecular Response Prediction, Characterization of Resistance Mechanisms and Quantification of CAR T-Cells during Axicabtagene Ciloleucel Therapy. <i>Blood</i> , 2019 , 134, 550-550	2.2	9
84	Noninvasive Genotyping and Assessment of Treatment Response in Diffuse Large B Cell Lymphoma. <i>Blood</i> , 2015 , 126, 114-114	2.2	9
83	Clinical Implications of KEAP1-NFE2L2 Mutations in NSCLC. <i>Journal of Thoracic Oncology</i> , 2021 , 16, 395-403	40.3	9
82	Radiological tumor classification across imaging modality and histology. <i>Nature Machine Intelligence</i> , 2021 , 3, 787-798	22.5	9
81	A population-based comparative effectiveness study of chemoradiation regimens and sequences in stage III non-small cell lung cancer. <i>Lung Cancer</i> , 2017 , 108, 173-182	5.9	8
80	Outcomes of Modestly Hypofractionated Radiation for Lung Tumors: Pre- and Mid-Treatment Positron Emission Tomography-Computed Tomography Metrics as Prognostic Factors. <i>Clinical Lung Cancer</i> , 2015 , 16, 475-85	4.9	8
79	Molecular determinants of radiation response in non-small cell lung cancer. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 67-77	5.5	7
78	The impact of audiovisual biofeedback on 4D functional and anatomic imaging: Results of a lung cancer pilot study. <i>Radiotherapy and Oncology</i> , 2016 , 120, 267-72	5.3	7
77	Dynamic Noninvasive Genomic Monitoring for Outcome Prediction in Diffuse Large B-Cell Lymphoma. <i>Blood</i> , 2015 , 126, 130-130	2.2	7
76	Development and Validation of Biopsy-Free Genotyping for Molecular Subtyping of Diffuse Large B-Cell Lymphoma. <i>Blood</i> , 2016 , 128, 1089-1089	2.2	7
75	Noninvasive pulmonary nodule elastometry by CT and deformable image registration. <i>Radiotherapy and Oncology</i> , 2015 , 115, 35-40	5.3	6
74	Feasibility and potential utility of multicomponent exhaled breath analysis for predicting development of radiation pneumonitis after stereotactic ablative radiotherapy. <i>Journal of Thoracic Oncology</i> , 2014 , 9, 957-964	8.9	6
73	Towards Non-Invasive Classification of DLBCL Genetic Subtypes By Ctdna Profiling. <i>Blood</i> , 2019 , 134, 551-551	2.2	6

72	Noninvasive Detection of Ibrutinib Resistance in Non-Hodgkin Lymphoma Using Cell-Free DNA. <i>Blood</i> , 2016 , 128, 1752-1752	2.2	6
71	Detecting Liquid Remnants of Solid Tumors: Circulating Tumor DNA Minimal Residual Disease. <i>Cancer Discovery</i> , 2021 ,	24.4	6
70	Molecular and Immunologic Signatures are Related to Clinical Benefit from Treatment with Vocimagene Amiretrorepvec (Toca 511) and 5-Fluorocytosine (Toca FC) in Patients with Glioma. <i>Clinical Cancer Research</i> , 2020 , 26, 6176-6186	12.9	6
69	Comprehensive Analysis of the Unfolded Protein Response in Breast Cancer Subtypes. <i>JCO Precision Oncology</i> , 2017 , 2017,	3.6	5
68	Lung volume reduction after stereotactic ablative radiation therapy of lung tumors: potential application to emphysema. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 216-234	4	5
67	Phased Variant Enrichment for Enhanced Minimal Residual Disease Detection from Cell-Free DNA. <i>Blood</i> , 2019 , 134, 552-552	2.2	5
66	Inferring gene expression from cell-free DNA fragmentation profiles.. <i>Nature Biotechnology</i> , 2022 ,	44.5	5
65	FLT-PET-CT for the Detection of Disease Recurrence After Stereotactic Ablative Radiotherapy or Hyperfractionation for Thoracic Malignancy: A Prospective Pilot Study. <i>Frontiers in Oncology</i> , 2019 , 9, 467	5.3	4
64	Predictors of Respiratory Decline Following Stereotactic Ablative Radiotherapy to Multiple Lung Tumors. <i>Clinical Lung Cancer</i> , 2019 , 20, 461-468.e2	4.9	4
63	An Atlas of Clinically-Distinct Tumor Cellular Ecosystems in Diffuse Large B Cell Lymphoma. <i>Blood</i> , 2019 , 134, 655-655	2.2	4
62	Profiling of Circulating Tumor DNA for Noninvasive Disease Detection, Risk Stratification, and MRD Monitoring in Patients with CNS Lymphoma. <i>Blood</i> , 2021 , 138, 6-6	2.2	4
61	Detection and Diagnostic Utilization of Cellular and Cell-Free Tumor DNA. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2021 , 16, 199-222	34	4
60	Short Diagnosis-to-Treatment Interval Is Associated With Higher Circulating Tumor DNA Levels in Diffuse Large B-Cell Lymphoma. <i>Journal of Clinical Oncology</i> , 2021 , 39, 2605-2616	2.2	4
59	Anatomic optimization of lung tumor stereotactic ablative radiation therapy. <i>Practical Radiation Oncology</i> , 2015 , 5, e607-13	2.8	3
58	Time course and predictive factors for lung volume reduction following stereotactic ablative radiotherapy (SABR) of lung tumors. <i>Radiation Oncology</i> , 2016 , 11, 40	4.2	3
57	Distinct Chromatin Accessibility Profiles of Lymphoma Subtypes Revealed By Targeted Cell Free DNA Profiling. <i>Blood</i> , 2018 , 132, 672-672	2.2	3
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