

# Maximilian Diehn

## List of Publications by Year in Descending Order

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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	Inferring gene expression from cell-free DNA fragmentation profiles.. <i>Nature Biotechnology</i> , <b>2022</b> ,	44.5	5
214	Early Assessment of Chemotherapy Response in Advanced Non-Small Cell Lung Cancer with Circulating Tumor DNA. <i>Cancers</i> , <b>2022</b> , 14, 2479	6.6	1
213	Tumor-Confirmed Follicular Lymphoma Mutations Are Detectable in Peripheral Blood Years Prior to Clinical Diagnosis. <i>Blood</i> , <b>2021</b> , 138, 709-709	2.2	0
212	Profiling of Circulating Tumor DNA for Noninvasive Disease Detection, Risk Stratification, and MRD Monitoring in Patients with CNS Lymphoma. <i>Blood</i> , <b>2021</b> , 138, 6-6	2.2	4
211	Noninvasive Cell-of-Origin Classification of Diffuse Large B-Cell Lymphoma Using Inferred Gene Expression from Cell-Free DNA Sequencing. <i>Blood</i> , <b>2021</b> , 138, 37-37	2.2	
210	Detecting Liquid Remnants of Solid Tumors: Circulating Tumor DNA Minimal Residual Disease. <i>Cancer Discovery</i> , <b>2021</b> ,	24.4	6
209	A Review of Immunotherapy for Stage III and Metastatic Non-Small Cell Lung Cancer and the Rationale for the ECOG-ACRIN EA5181 Study. <i>Oncologist</i> , <b>2021</b> , 26, 523-532	5.7	1
208	Global analysis of shared T cell specificities in human non-small cell lung cancer enables HLA inference and antigen discovery. <i>Immunity</i> , <b>2021</b> , 54, 586-602.e8	32.3	16
207	Genetic Determinants of EGFR-Driven Lung Cancer Growth and Therapeutic Response. <i>Cancer Discovery</i> , <b>2021</b> , 11, 1736-1753	24.4	14
206	Phased variants improve DLBCL minimal residual disease detection at the end of therapy.. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 7565-7565	2.2	1
205	Leveraging phased variants for personalized minimal residual disease detection in localized non-small cell lung cancer.. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 8518-8518	2.2	1
204	Noninvasive identification of emergent mutations following cytotoxic therapy for lung cancer.. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 8533-8533	2.2	0
203	Durvalumab for Stage III EGFR-Mutated NSCLC After Definitive Chemoradiotherapy. <i>Journal of Thoracic Oncology</i> , <b>2021</b> , 16, 1030-1041	8.9	26
202	Detection and Diagnostic Utilization of Cellular and Cell-Free Tumor DNA. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2021</b> , 16, 199-222	34	4
201	Clinical Implications of KEAP1-NFE2L2 Mutations in NSCLC. <i>Journal of Thoracic Oncology</i> , <b>2021</b> , 16, 395-403	40.3	9
200	Enhanced detection of minimal residual disease by targeted sequencing of phased variants in circulating tumor DNA. <i>Nature Biotechnology</i> , <b>2021</b> ,	44.5	16
199	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> , <b>2021</b> , 39, 2605-2616	2.2	4

198	Radiological tumor classification across imaging modality and histology. <i>Nature Machine Intelligence</i> , <b>2021</b> , 3, 787-798	22.5	9
197	A Comprehensive Circulating Tumor DNA Assay for Detection of Translocation and Copy-Number Changes in Pediatric Sarcomas. <i>Molecular Cancer Therapeutics</i> , <b>2021</b> , 20, 2016-2025	6.1	1
196	The landscape of tumor cell states and ecosystems in diffuse large B cell lymphoma. <i>Cancer Cell</i> , <b>2021</b> , 39, 1422-1437.e10	24.3	15
195	Atlas of clinically distinct cell states and ecosystems across human solid tumors. <i>Cell</i> , <b>2021</b> , 184, 5482-5496.e28	24.3	15
194	Targeted Treatment of Multiple Primary Lung Cancers Harboring Distinct EGFR or RET Alterations: A Case Report. <i>Clinical Lung Cancer</i> , <b>2021</b> , 22, e673-e677	4.9	0
193	Local Recurrence Outcomes of Colorectal Cancer Oligometastases Treated With Stereotactic Ablative Radiotherapy. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , <b>2021</b> , 44, 559-564	2.7	2
192	Liquid Biopsy for Advanced NSCLC: A Consensus Statement From the International Association for the Study of Lung Cancer. <i>Journal of Thoracic Oncology</i> , <b>2021</b> , 16, 1647-1662	8.9	48
191	A mathematical model of ctDNA shedding predicts tumor detection size. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	36
190	A human lung tumor microenvironment interactome identifies clinically relevant cell-type cross-talk. <i>Genome Biology</i> , <b>2020</b> , 21, 107	18.3	11
189	Response Letter: Radiation therapy for COVID-19 pneumopathy. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 149, 238-239	5.3	2
188	Integrating genomic features for non-invasive early lung cancer detection. <i>Nature</i> , <b>2020</b> , 580, 245-251	50.4	147
187	ctDNA applications and integration in colorectal cancer: an NCI Colon and Rectal-Anal Task Forces whitepaper. <i>Nature Reviews Clinical Oncology</i> , <b>2020</b> , 17, 757-770	19.4	82
186	Circulating Tumor DNA Dynamics Predict Benefit from Consolidation Immunotherapy in Locally Advanced Non-Small Cell Lung Cancer. <i>Nature Cancer</i> , <b>2020</b> , 1, 176-183	15.4	71
185	Outcomes of Observation vs Stereotactic Ablative Radiation for Oligometastatic Prostate Cancer: The ORIOLE Phase 2 Randomized Clinical Trial. <i>JAMA Oncology</i> , <b>2020</b> , 6, 650-659	13.4	297
184	Profiling T-Cell Receptor Diversity and Dynamics during Lymphoma Immunotherapy Using Cell-Free DNA (cfDNA). <i>Blood</i> , <b>2020</b> , 136, 49-50	2.2	1
183	Recurrent Crebbp Mutations in Follicular Lymphoma Appear Localized to the Committed B-Cell Lineage. <i>Blood</i> , <b>2020</b> , 136, 30-31	2.2	1
182	Mechanisms and Markers of Clinical Radioresistance. <i>Cancer Drug Discovery and Development</i> , <b>2020</b> , 63-96	3.3	1
181	Circulating Tumor DNA Analysis for Detection of Minimal Residual Disease After Chemoradiotherapy for Localized Esophageal Cancer. <i>Gastroenterology</i> , <b>2020</b> , 158, 494-505.e6	13.3	71

180	Role of KEAP1/NFE2L2 Mutations in the Chemotherapeutic Response of Patients with Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , <b>2020</b> , 26, 274-281	12.9	49
179	Mutations Predict Lung Cancer Radiation Resistance That Can Be Targeted by Glutaminase Inhibition. <i>Cancer Discovery</i> , <b>2020</b> , 10, 1826-1841	24.4	26
178	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> , <b>2020</b> , 10, 11707-11718	12.1	11
177	Noninvasive Early Identification of Therapeutic Benefit from Immune Checkpoint Inhibition. <i>Cell</i> , <b>2020</b> , 183, 363-376.e13	56.2	76
176	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> , <b>2020</b> , 26, 6176-6186	12.9	6
175	Single cell analysis reveals distinct immune landscapes in transplant and primary sarcomas that determine response or resistance to immunotherapy. <i>Nature Communications</i> , <b>2020</b> , 11, 6410	17.4	21
174	Stem Cells, Cell Differentiation, and Cancer <b>2020</b> , 97-107.e5		2
173	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> , <b>2020</b> , 26, 2849-2858	12.9	36
172	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> , <b>2019</b> , 9, 467	5.3	4
171	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> , <b>2019</b> , 134, 42-45	5.9	19
170	Increases in Serial Pretreatment F-FDG PET-CT Metrics Predict Survival in Early Stage Non-Small Cell Lung Cancer Treated With Stereotactic Ablative Radiation Therapy. <i>Advances in Radiation Oncology</i> , <b>2019</b> , 4, 429-437	3.3	1
169	Determining cell type abundance and expression from bulk tissues with digital cytometry. <i>Nature Biotechnology</i> , <b>2019</b> , 37, 773-782	44.5	761
168	Reply to J. Wang et al. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 755-757	2.2	1
167	SABR-COMET: harbinger of a new cancer treatment paradigm. <i>Lancet, The</i> , <b>2019</b> , 393, 2013-2014	40	10
166	Predictors of Respiratory Decline Following Stereotactic Ablative Radiotherapy to Multiple Lung Tumors. <i>Clinical Lung Cancer</i> , <b>2019</b> , 20, 461-468.e2	4.9	4
165	Dynamic Risk Profiling Using Serial Tumor Biomarkers for Personalized Outcome Prediction. <i>Cell</i> , <b>2019</b> , 178, 699-713.e19	56.2	84
164	Predicting HLA class II antigen presentation through integrated deep learning. <i>Nature Biotechnology</i> , <b>2019</b> , 37, 1332-1343	44.5	112
163	Circulating DNA for Molecular Response Prediction, Characterization of Resistance Mechanisms and Quantification of CAR T-Cells during Axicabtagene Ciloleucel Therapy. <i>Blood</i> , <b>2019</b> , 134, 550-550	2.2	9

162	An Atlas of Clinically-Distinct Tumor Cellular Ecosystems in Diffuse Large B Cell Lymphoma. <i>Blood</i> , <b>2019</b> , 134, 655-655	2.2	4
161	Phased Variant Enrichment for Enhanced Minimal Residual Disease Detection from Cell-Free DNA. <i>Blood</i> , <b>2019</b> , 134, 552-552	2.2	5
160	Interim Circulating Tumor DNA As a Prognostic Biomarker in the Setting of Interim PET-Based Adaptive Therapy for DLBCL. <i>Blood</i> , <b>2019</b> , 134, 1600-1600	2.2	2
159	Towards Non-Invasive Classification of DLBCL Genetic Subtypes By Ctdna Profiling. <i>Blood</i> , <b>2019</b> , 134, 551-551	2.2	6
158	Short Diagnosis-to-Treatment Interval Is Associated with Higher Levels of Circulating Tumor DNA in Aggressive B-Cell Non-Hodgkin Lymphoma. <i>Blood</i> , <b>2019</b> , 134, 491-491	2.2	
157	Deep Sequencing of Viral Cell-Free DNA for Noninvasive Detection of Immunosuppression-Related Lymphoid Malignancies. <i>Blood</i> , <b>2019</b> , 134, 885-885	2.2	
156	Deep segmentation networks predict survival of non-small cell lung cancer. <i>Scientific Reports</i> , <b>2019</b> , 9, 17286	4.9	32
155	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> , <b>2019</b> , 30, 537-541	2.4	25
154	Functional significance of U2AF1 S34F mutations in lung adenocarcinomas. <i>Nature Communications</i> , <b>2019</b> , 10, 5712	17.4	15
153	Detection and Surveillance of Bladder Cancer Using Urine Tumor DNA. <i>Cancer Discovery</i> , <b>2019</b> , 9, 500-509	24.4	75
152	A Feasibility Study of Single-inhalation, Single-energy Xenon-enhanced CT for High-resolution Imaging of Regional Lung Ventilation in Humans. <i>Academic Radiology</i> , <b>2019</b> , 26, 38-49	4.3	1
151	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> , <b>2018</b> , 142, 1242-1253	5	72
150	Combination Approach for Detecting Different Types of Alterations in Circulating Tumor DNA in Leiomyosarcoma. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 2688-2699	12.9	32
149	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> , <b>2018</b> , 102, 1183-1192	4	17
148	Genomic Feature Selection by Coverage Design Optimization. <i>Journal of Applied Statistics</i> , <b>2018</b> , 45, 2658-2676	1	
147	Endothelial deletion of Ino80 disrupts coronary angiogenesis and causes congenital heart disease. <i>Nature Communications</i> , <b>2018</b> , 9, 368	17.4	30
146	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> , <b>2018</b> , 102, 1098-1106	4	15
145	Circulating tumor DNA testing in advanced non-small cell lung cancer. <i>Lung Cancer</i> , <b>2018</b> , 119, 42-47	5.9	16

144	Deactivated CRISPR Associated Protein 9 for Minor-Allele Enrichment in Cell-Free DNA. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 307-316	5.5	19
143	Invasive nodal evaluation prior to stereotactic ablative radiation for non-small cell lung cancer. <i>Lung Cancer</i> , <b>2018</b> , 124, 76-85	5.9	2
142	Distinct Chromatin Accessibility Profiles of Lymphoma Subtypes Revealed By Targeted Cell Free DNA Profiling. <i>Blood</i> , <b>2018</b> , 132, 672-672	2.2	3
141	Lymphoma Virome Dynamics Revealed By Cell-Free DNA Sequencing. <i>Blood</i> , <b>2018</b> , 132, 2861-2861	2.2	
140	Noninvasive Genotyping and Monitoring of Classical Hodgkin Lymphoma. <i>Blood</i> , <b>2018</b> , 132, 2838-2838	2.2	
139	Prognostic value and molecular correlates of a CT image-based quantitative pleural contact index in early stage NSCLC. <i>European Radiology</i> , <b>2018</b> , 28, 736-746	8	14
138	Comparison of Genomic Driver Oncogenes in Vietnamese Patients With Non-Small-Cell Lung Cancer in the United States and Vietnam. <i>Journal of Global Oncology</i> , <b>2018</b> , 4, 1-9	2.6	2
137	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> , <b>2018</b> , 36, 1631-1641	2.2	448
136	Circulating Tumor DNA Measurements As Early Outcome Predictors in Diffuse Large B-Cell Lymphoma. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 2845-2853	2.2	164
135	Line-Enhanced Deformable Registration of Pulmonary Computed Tomography Images Before and After Radiation Therapy With Radiation-Induced Fibrosis. <i>Technology in Cancer Research and Treatment</i> , <b>2018</b> , 17, 1533034617749419	2.7	2
134	-Expressing Cancer-Associated Fibroblasts Mediate Metabolic Reprogramming in Human Lung Adenocarcinoma. <i>Cancer Research</i> , <b>2018</b> , 78, 3445-3457	10.1	48
133	ERBB2-Mutated Metastatic Non-Small Cell Lung Cancer: Response and Resistance to Targeted Therapies. <i>Journal of Thoracic Oncology</i> , <b>2017</b> , 12, 833-842	8.9	55
132	Pulmonary function after lung tumor stereotactic ablative radiotherapy depends on regional ventilation within irradiated lung. <i>Radiotherapy and Oncology</i> , <b>2017</b> , 123, 270-275	5.3	2
131	Sinoatrial node toxicity after stereotactic ablative radiation therapy to lung tumors. <i>Practical Radiation Oncology</i> , <b>2017</b> , 7, e525-e529	2.8	2
130	High-throughput sequencing for noninvasive disease detection in hematologic malignancies. <i>Blood</i> , <b>2017</b> , 130, 440-452	2.2	40
129	A population-based comparative effectiveness study of chemoradiation regimens and sequences in stage III non-small cell lung cancer. <i>Lung Cancer</i> , <b>2017</b> , 108, 173-182	5.9	8
128	Normal Tissue Constraints for Abdominal and Thoracic Stereotactic Body Radiotherapy. <i>Seminars in Radiation Oncology</i> , <b>2017</b> , 27, 197-208	5.5	45
127	Capturing Genomic Evolution of Lung Cancers through Liquid Biopsy for Circulating Tumor DNA. <i>Journal of Oncology</i> , <b>2017</b> , 2017, 4517834	4.5	16

126	Data normalization considerations for digital tumor dissection. <i>Genome Biology</i> , <b>2017</b> , 18, 128	18.3	23
125	Comprehensive Analysis of the Unfolded Protein Response in Breast Cancer Subtypes. <i>JCO Precision Oncology</i> , <b>2017</b> , 2017,	3.6	5
124	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> , <b>2017</b> , 125, 338-343	5.3	22
123	Early Detection of Molecular Residual Disease in Localized Lung Cancer by Circulating Tumor DNA Profiling. <i>Cancer Discovery</i> , <b>2017</b> , 7, 1394-1403	24.4	384
122	Evolution and clinical impact of co-occurring genetic alterations in advanced-stage EGFR-mutant lung cancers. <i>Nature Genetics</i> , <b>2017</b> , 49, 1693-1704	36.3	289
121	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> , <b>2017</b> , 12, 1413-1420	8.9	19
120	Development and Validation of an Individualized Immune Prognostic Signature in Early-Stage Nonsquamous Non-Small Cell Lung Cancer. <i>JAMA Oncology</i> , <b>2017</b> , 3, 1529-1537	13.4	255
119	A phase II randomized trial of Observation versus stereotactic ablative Radiation for Oligometastatic prostate Cancer (ORIOLE). <i>BMC Cancer</i> , <b>2017</b> , 17, 453	4.8	60
118	Practical workflow for rapid prototyping of radiation therapy positioning devices. <i>Practical Radiation Oncology</i> , <b>2017</b> , 7, 442-445	2.8	1
117	Role of KEAP1/NRF2 and TP53 Mutations in Lung Squamous Cell Carcinoma Development and Radiation Resistance. <i>Cancer Discovery</i> , <b>2017</b> , 7, 86-101	24.4	159
116	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> , <b>2017</b> , 35, 3591-3591	2.2	15
115	Development of a Dynamic Model for Personalized Risk Assessment in Large B-Cell Lymphoma. <i>Blood</i> , <b>2017</b> , 130, 826-826	2.2	3
114	Sinoatrial node dysfunction after stereotactic ablative radiation therapy in the chest.. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 132-132	2.2	
113	A phase II randomized trial of observation versus stereotactic ablative radiation for oligometastatic prostate cancer (ORIOLE).. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, TPS5094-TPS5094	2.2	
112	Identification and genetic manipulation of human and mouse oesophageal stem cells. <i>Gut</i> , <b>2016</b> , 65, 1077-86	19.2	14
111	The impact of audiovisual biofeedback on 4D functional and anatomic imaging: Results of a lung cancer pilot study. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 267-72	5.3	7
110	Distinct biological subtypes and patterns of genome evolution in lymphoma revealed by circulating tumor DNA. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 364ra155	17.5	231
109	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> , <b>2016</b> , 113, E7545-E7553	11.5	47



108	Circulating tumour DNA profiling reveals heterogeneity of EGFR inhibitor resistance mechanisms in lung cancer patients. <i>Nature Communications</i> , <b>2016</b> , 7, 11815	17.4	409
107	Pre-treatment non-target lung FDG-PET uptake predicts symptomatic radiation pneumonitis following Stereotactic Ablative Radiotherapy (SABR). <i>Radiotherapy and Oncology</i> , <b>2016</b> , 119, 454-60	5.3	19
106	Time course and predictive factors for lung volume reduction following stereotactic ablative radiotherapy (SABR) of lung tumors. <i>Radiation Oncology</i> , <b>2016</b> , 11, 40	4.2	3
105	Integrated digital error suppression for improved detection of circulating tumor DNA. <i>Nature Biotechnology</i> , <b>2016</b> , 34, 547-555	44.5	589
104	Dosimetric Factors and Toxicity in Highly Conformal Thoracic Reirradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 94, 808-15	4	25
103	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> , <b>2016</b> , 17, e17-21	4.9	9
102	Development and Validation of Biopsy-Free Genotyping for Molecular Subtyping of Diffuse Large B-Cell Lymphoma. <i>Blood</i> , <b>2016</b> , 128, 1089-1089	2.2	7
101	Noninvasive Detection of Ibrutinib Resistance in Non-Hodgkin Lymphoma Using Cell-Free DNA. <i>Blood</i> , <b>2016</b> , 128, 1752-1752	2.2	6
100	Prediction of therapeutic outcomes in DLBCL from circulating tumor DNA dynamics.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 7511-7511	2.2	2
99	Inter- and intra-patient heterogeneity of resistance mechanisms to the mutant EGFR selective inhibitor rociletinib.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 9000-9000	2.2	2
98	Integrated digital error suppression for noninvasive detection of circulating tumor DNA in NSCLC.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, e20500-e20500	2.2	1
97	Noninvasive molecular subtyping and risk stratification of DLBCL.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 7554-7554	2.2	1
96	Randomized phase II study of preoperative chemoradiotherapy (CRT)+/- Panitumumab (P) followed by consolidation chemotherapy (C) in potentially operable locally advanced (stage IIIa, N2+) non-small cell lung cancer (LANSCCL): Nrg oncology/RTOG 0839.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 8510-8510	2.2	
95	Noninvasive Detection of BCL2, BCL6, and MYC Translocations in Diffuse Large B-Cell Lymphoma. <i>Blood</i> , <b>2016</b> , 128, 2930-2930	2.2	1
94	Absence of Evidence Implicating Hematopoietic Stem Cells As Common Progenitors for DLBCL Mutations. <i>Blood</i> , <b>2016</b> , 128, 4107-4107	2.2	
93	Hypofractionated Intensity-Modulated Radiotherapy for Patients With Non-Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , <b>2016</b> , 17, 588-594	4.9	12
92	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> , <b>2016</b> , 113, E8379-E8386	11.5	79
91	Reprogramming the immunological microenvironment through radiation and targeting Axl. <i>Nature Communications</i> , <b>2016</b> , 7, 13898	17.4	97



90	Robust Intratumor Partitioning to Identify High-Risk Subregions in Lung Cancer: A Pilot Study. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 95, 1504-1512	4	52
89	Early-Stage Non-Small Cell Lung Cancer: Quantitative Imaging Characteristics of (18)F Fluorodeoxyglucose PET/CT Allow Prediction of Distant Metastasis. <i>Radiology</i> , <b>2016</b> , 281, 270-8	20.5	112
88	A 3-D Riesz-Covariance Texture Model for Prediction of Nodule Recurrence in Lung CT. <i>IEEE Transactions on Medical Imaging</i> , <b>2016</b> , 35, 2620-2630	11.7	24
87	Analysis of Long-Term 4-Dimensional Computed Tomography Regional Ventilation After Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 92, 683-90	4	13
86	Noninvasive pulmonary nodule elastometry by CT and deformable image registration. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 115, 35-40	5.3	6
85	Predicting Radiotherapy Responses and Treatment Outcomes Through Analysis of Circulating Tumor DNA. <i>Seminars in Radiation Oncology</i> , <b>2015</b> , 25, 305-12	5.5	74
84	The prognostic landscape of genes and infiltrating immune cells across human cancers. <i>Nature Medicine</i> , <b>2015</b> , 21, 938-945	50.5	1541
83	Noninvasive monitoring of diffuse large B-cell lymphoma by immunoglobulin high-throughput sequencing. <i>Blood</i> , <b>2015</b> , 125, 3679-87	2.2	190
82	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> , <b>2015</b> , 92, 1044-1052	4	42
81	Inhibition of Mouse Breast Tumor-Initiating Cells by Calcitriol and Dietary Vitamin D. <i>Molecular Cancer Therapeutics</i> , <b>2015</b> , 14, 1951-61	6.1	48
80	Robust enumeration of cell subsets from tissue expression profiles. <i>Nature Methods</i> , <b>2015</b> , 12, 453-7	21.6	3934
79	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> , <b>2015</b> , 93, 72-81	4	48
78	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> , <b>2015</b> , 107,	9.7	43
77	Anatomic optimization of lung tumor stereotactic ablative radiation therapy. <i>Practical Radiation Oncology</i> , <b>2015</b> , 5, e607-13	2.8	3
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