

# Dirk Schadendorf

## 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.

541 papers	80,690 citations	107 h-index	281 g-index
592 ext. papers	99,854 ext. citations	9 avg, IF	7.39 L-index

#	Paper	IF	Citations
541	Improved survival with ipilimumab in patients with metastatic melanoma. <i>New England Journal of Medicine</i> , <b>2010</b> , 363, 711-23	59.2	10591
540	Improved survival with vemurafenib in melanoma with BRAF V600E mutation. <i>New England Journal of Medicine</i> , <b>2011</b> , 364, 2507-16	59.2	5851
539	Combined Nivolumab and Ipilimumab or Monotherapy in Untreated Melanoma. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 23-34	59.2	5047
538	Nivolumab in previously untreated melanoma without BRAF mutation. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 320-30	59.2	3809
537	Overall Survival with Combined Nivolumab and Ipilimumab in Advanced Melanoma. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 1345-1356	59.2	2030
536	Genomic Classification of Cutaneous Melanoma. <i>Cell</i> , <b>2015</b> , 161, 1681-96	56.2	1807
535	A landscape of driver mutations in melanoma. <i>Cell</i> , <b>2012</b> , 150, 251-63	56.2	1799
534	Clonal neoantigens elicit T cell immunoreactivity and sensitivity to immune checkpoint blockade. <i>Science</i> , <b>2016</b> , 351, 1463-9	33.3	1758
533	Improved overall survival in melanoma with combined dabrafenib and trametinib. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 30-9	59.2	1723
532	Improved survival with MEK inhibition in BRAF-mutated melanoma. <i>New England Journal of Medicine</i> , <b>2012</b> , 367, 107-14	59.2	1634
531	Genomic correlates of response to CTLA-4 blockade in metastatic melanoma. <i>Science</i> , <b>2015</b> , 350, 207-211	33.3	1583
530	Pooled Analysis of Long-Term Survival Data From Phase II and Phase III Trials of Ipilimumab in Unresectable or Metastatic Melanoma. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, 1889-94	2.2	1425
529	TERT promoter mutations in familial and sporadic melanoma. <i>Science</i> , <b>2013</b> , 339, 959-61	33.3	1261
528	Five-Year Survival with Combined Nivolumab and Ipilimumab in Advanced Melanoma. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 1535-1546	59.2	1260
527	Combined BRAF and MEK inhibition versus BRAF inhibition alone in melanoma. <i>New England Journal of Medicine</i> , <b>2014</b> , 371, 1877-88	59.2	1195
526	Pembrolizumab versus investigator-choice chemotherapy for ipilimumab-refractory melanoma (KEYNOTE-002): a randomised, controlled, phase 2 trial. <i>Lancet Oncology</i> , <b>2015</b> , 16, 908-18	21.7	1151
525	Randomized phase III study of temozolomide versus dacarbazine in the treatment of patients with advanced metastatic malignant melanoma. <i>Journal of Clinical Oncology</i> , <b>2000</b> , 18, 158-66	2.2	961

524	Dabrafenib and trametinib versus dabrafenib and placebo for Val600 BRAF-mutant melanoma: a multicentre, double-blind, phase 3 randomised controlled trial. <i>Lancet, The</i> , <b>2015</b> , 386, 444-51	40	926
523	Adjuvant Pembrolizumab versus Placebo in Resected Stage III Melanoma. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 1789-1801	59.2	918
522	Ipilimumab monotherapy in patients with pretreated advanced melanoma: a randomised, double-blind, multicentre, phase 2, dose-ranging study. <i>Lancet Oncology, The</i> , <b>2010</b> , 11, 155-64	21.7	910
521	Adjuvant Dabrafenib plus Trametinib in Stage III BRAF-Mutated Melanoma. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 1813-1823	59.2	778
520	Safety and efficacy of vemurafenib in BRAF(V600E) and BRAF(V600K) mutation-positive melanoma (BRIM-3): extended follow-up of a phase 3, randomised, open-label study. <i>Lancet Oncology, The</i> , <b>2014</b> , 15, 323-32	21.7	753
519	Dabrafenib in patients with Val600Glu or Val600Lys BRAF-mutant melanoma metastatic to the brain (BREAK-MB): a multicentre, open-label, phase 2 trial. <i>Lancet Oncology, The</i> , <b>2012</b> , 13, 1087-95	21.7	708
518	Safety Profile of Nivolumab Monotherapy: A Pooled Analysis of Patients With Advanced Melanoma. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 785-792	2.2	696
517	Nivolumab plus ipilimumab or nivolumab alone versus ipilimumab alone in advanced melanoma (CheckMate 067): 4-year outcomes of a multicentre, randomised, phase 3 trial. <i>Lancet Oncology, The</i> , <b>2018</b> , 19, 1480-1492	21.7	680
516	PD-1 Blockade with Cemiplimab in Advanced Cutaneous Squamous-Cell Carcinoma. <i>New England Journal of Medicine</i> , <b>2018</b> , 379, 341-351	59.2	659
515	The genetic landscape of clinical resistance to RAF inhibition in metastatic melanoma. <i>Cancer Discovery</i> , <b>2014</b> , 4, 94-109	24.4	626
514	Melanoma genome sequencing reveals frequent PREX2 mutations. <i>Nature</i> , <b>2012</b> , 485, 502-6	50.4	555
513	Tertiary lymphoid structures improve immunotherapy and survival in melanoma. <i>Nature</i> , <b>2020</b> , 577, 561-565	56.4	542
512	Melanoma. <i>Lancet, The</i> , <b>2018</b> , 392, 971-984	40	516
511	Five-Year Outcomes with Dabrafenib plus Trametinib in Metastatic Melanoma. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 626-636	59.2	489
510	MEK162 for patients with advanced melanoma harbouring NRAS or Val600 BRAF mutations: a non-randomised, open-label phase 2 study. <i>Lancet Oncology, The</i> , <b>2013</b> , 14, 249-56	21.7	487
509	A Cancer Cell Program Promotes T Cell Exclusion and Resistance to Checkpoint Blockade. <i>Cell</i> , <b>2018</b> , 175, 984-997.e24	56.2	477
508	Results of a phase III, randomized, placebo-controlled study of sorafenib in combination with carboplatin and paclitaxel as second-line treatment in patients with unresectable stage III or stage IV melanoma. <i>Journal of Clinical Oncology</i> , <b>2009</b> , 27, 2823-30	2.2	456
507	Encorafenib plus binimetinib versus vemurafenib or encorafenib in patients with BRAF-mutant melanoma (COLUMBUS): a multicentre, open-label, randomised phase 3 trial. <i>Lancet Oncology, The</i> , <b>2018</b> , 19, 603-615	21.7	451

506	Cutaneous, gastrointestinal, hepatic, endocrine, and renal side-effects of anti-PD-1 therapy. <i>European Journal of Cancer</i> , <b>2016</b> , 60, 190-209	7.5	412
505	Integrative Analysis Identifies Four Molecular and Clinical Subsets in Uveal Melanoma. <i>Cancer Cell</i> , <b>2017</b> , 32, 204-220.e15	24.3	391
504	Neurological, respiratory, musculoskeletal, cardiac and ocular side-effects of anti-PD-1 therapy. <i>European Journal of Cancer</i> , <b>2016</b> , 60, 210-25	7.5	391
503	Metastatic potential of melanomas defined by specific gene expression profiles with no BRAF signature. <i>Pigment Cell &amp; Melanoma Research</i> , <b>2006</b> , 19, 290-302		378
502	Baseline Biomarkers for Outcome of Melanoma Patients Treated with Pembrolizumab. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 5487-5496	12.9	373
501	Baseline Peripheral Blood Biomarkers Associated with Clinical Outcome of Advanced Melanoma Patients Treated with Ipilimumab. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 2908-18	12.9	372
500	Dabrafenib plus trametinib versus dabrafenib monotherapy in patients with metastatic BRAF V600E/K-mutant melanoma: long-term survival and safety analysis of a phase 3 study. <i>Annals of Oncology</i> , <b>2017</b> , 28, 1631-1639	10.3	361
499	Phase II trial (BREAK-2) of the BRAF inhibitor dabrafenib (GSK2118436) in patients with metastatic melanoma. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 3205-11	2.2	343
498	Dacarbazine (DTIC) versus vaccination with autologous peptide-pulsed dendritic cells (DC) in first-line treatment of patients with metastatic melanoma: a randomized phase III trial of the DC study group of the DeCOG. <i>Annals of Oncology</i> , <b>2006</b> , 17, 563-70	10.3	342
497	RAS mutations are associated with the development of cutaneous squamous cell tumors in patients treated with RAF inhibitors. <i>Journal of Clinical Oncology</i> , <b>2012</b> , 30, 316-21	2.2	318
496	Ipilimumab 10 mg/kg versus ipilimumab 3 mg/kg in patients with unresectable or metastatic melanoma: a randomised, double-blind, multicentre, phase 3 trial. <i>Lancet Oncology, The</i> , <b>2017</b> , 18, 611-622	21.7	306
495	Overall survival in patients with BRAF-mutant melanoma receiving encorafenib plus binimetinib versus vemurafenib or encorafenib (COLUMBUS): a multicentre, open-label, randomised, phase 3 trial. <i>Lancet Oncology, The</i> , <b>2018</b> , 19, 1315-1327	21.7	291
494	Association of body-mass index and outcomes in patients with metastatic melanoma treated with targeted therapy, immunotherapy, or chemotherapy: a retrospective, multicohort analysis. <i>Lancet Oncology, The</i> , <b>2018</b> , 19, 310-322	21.7	284
493	Melanoma. <i>Nature Reviews Disease Primers</i> , <b>2015</b> , 1, 15003	51.1	283
492	Overall Survival in Patients With Advanced Melanoma Who Received Nivolumab Versus Investigator's Choice Chemotherapy in CheckMate 037: A Randomized, Controlled, Open-Label Phase III Trial. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 383-390	2.2	273
491	Efficacy and Safety Outcomes in Patients With Advanced Melanoma Who Discontinued Treatment With Nivolumab and Ipilimumab Because of Adverse Events: A Pooled Analysis of Randomized Phase II and III Trials. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 3807-3814	2.2	264
490	Genomic correlates of response to immune checkpoint blockade in microsatellite-stable solid tumors. <i>Nature Genetics</i> , <b>2018</b> , 50, 1271-1281	36.3	249
489	Binimetinib versus dacarbazine in patients with advanced NRAS-mutant melanoma (NEMO): a multicentre, open-label, randomised, phase 3 trial. <i>Lancet Oncology, The</i> , <b>2017</b> , 18, 435-445	21.7	240

488	Myeloid Cells and Related Chronic Inflammatory Factors as Novel Predictive Markers in Melanoma Treatment with Ipilimumab. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 5453-9	12.9	237
487	TERT promoter mutations in bladder cancer affect patient survival and disease recurrence through modification by a common polymorphism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17426-31	11.5	236
486	Integrative molecular and clinical modeling of clinical outcomes to PD1 blockade in patients with metastatic melanoma. <i>Nature Medicine</i> , <b>2019</b> , 25, 1916-1927	50.5	227
485	Lack of clinical efficacy of imatinib in metastatic melanoma. <i>British Journal of Cancer</i> , <b>2005</b> , 92, 1398-4058.7		224
484	Merkel cell carcinoma: Epidemiology, prognosis, therapy and unmet medical needs. <i>European Journal of Cancer</i> , <b>2017</b> , 71, 53-69	7.5	217
483	Factors predictive of response, disease progression, and overall survival after dabrafenib and trametinib combination treatment: a pooled analysis of individual patient data from randomised trials. <i>Lancet Oncology</i> , <b>2016</b> , 17, 1743-1754	21.7	205
482	sFRP2 in the aged microenvironment drives melanoma metastasis and therapy resistance. <i>Nature</i> , <b>2016</b> , 532, 250-4	50.4	205
481	Long-term results of the randomized phase III trial EORTC 18991 of adjuvant therapy with pegylated interferon alfa-2b versus observation in resected stage III melanoma. <i>Journal of Clinical Oncology</i> , <b>2012</b> , 30, 3810-8	2.2	204
480	Acquired BRAF inhibitor resistance: A multicenter meta-analysis of the spectrum and frequencies, clinical behaviour, and phenotypic associations of resistance mechanisms. <i>European Journal of Cancer</i> , <b>2015</b> , 51, 2792-9	7.5	202
479	Long-term safety and efficacy of vismodegib in patients with advanced basal cell carcinoma: final update of the pivotal ERIVANCE BCC study. <i>BMC Cancer</i> , <b>2017</b> , 17, 332	4.8	196
478	Myeloid-derived suppressor cells predict survival of patients with advanced melanoma: comparison with regulatory T cells and NY-ESO-1- or melan-A-specific T cells. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 1601-9	13.9	192
477	Metastatic status of sentinel lymph nodes in melanoma determined noninvasively with multispectral optoacoustic imaging. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 317ra199	17.5	183
476	Final results of the EORTC 18871/DKG 80-1 randomised phase III trial. rIFN-alpha2b versus rIFN-gamma versus ISCADOR M versus observation after surgery in melanoma patients with either high-risk primary (thickness >3 mm) or regional lymph node metastasis. <i>European Journal of Cancer</i> , <b>2004</b> , 40, 390-402	7.5	182
475	Survival of patients with advanced metastatic melanoma: the impact of novel therapies-update 2017. <i>European Journal of Cancer</i> , <b>2017</b> , 83, 247-257	7.5	181
474	Atypical melanocytic proliferations and new primary melanomas in patients with advanced melanoma undergoing selective BRAF inhibition. <i>Journal of Clinical Oncology</i> , <b>2012</b> , 30, 2375-83	2.2	175
473	Deep learning outperformed 136 of 157 dermatologists in a head-to-head dermoscopic melanoma image classification task. <i>European Journal of Cancer</i> , <b>2019</b> , 113, 47-54	7.5	174
472	Survival Outcomes in Patients With Previously Untreated BRAF Wild-Type Advanced Melanoma Treated With Nivolumab Therapy: Three-Year Follow-up of a Randomized Phase 3 Trial. <i>JAMA Oncology</i> , <b>2019</b> , 5, 187-194	13.4	173
471	Interferon alfa-2a and interleukin-2 with or without cisplatin in metastatic melanoma: a randomized trial of the European Organization for Research and Treatment of Cancer Melanoma Cooperative Group. <i>Journal of Clinical Oncology</i> , <b>1997</b> , 15, 2579-88	2.2	172

470	Immunotherapy in melanoma: Recent advances and future directions. <i>European Journal of Surgical Oncology</i> , <b>2017</b> , 43, 604-611	3.6	167
469	Management of Adverse Events Following Treatment With Anti-Programmed Death-1 Agents. <i>Oncologist</i> , <b>2016</b> , 21, 1230-1240	5.7	165
468	TERT promoter mutation status as an independent prognostic factor in cutaneous melanoma. <i>Journal of the National Cancer Institute</i> , <b>2014</b> , 106,	9.7	164
467	Genome-wide meta-analysis identifies five new susceptibility loci for cutaneous malignant melanoma. <i>Nature Genetics</i> , <b>2015</b> , 47, 987-995	36.3	162
466	Comparison of dabrafenib and trametinib combination therapy with vemurafenib monotherapy on health-related quality of life in patients with unresectable or metastatic cutaneous BRAF Val600-mutation-positive melanoma (COMBI-v): results of a phase 3, open-label, randomised trial. <i>Lancet Oncology, The</i> , <b>2015</b> , 16, 1389-98	21.7	162
465	Extended schedule, escalated dose temozolomide versus dacarbazine in stage IV melanoma: final results of a randomised phase III study (EORTC 18032). <i>European Journal of Cancer</i> , <b>2011</b> , 47, 1476-83	7.5	157
464	Phase II DeCOG-study of ipilimumab in pretreated and treatment-naïve patients with metastatic uveal melanoma. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118564	3.7	155
463	Cemiplimab in locally advanced cutaneous squamous cell carcinoma: results from an open-label, phase 2, single-arm trial. <i>Lancet Oncology, The</i> , <b>2020</b> , 21, 294-305	21.7	154
462	Correlation of BRAF Mutation Status in Circulating-Free DNA and Tumor and Association with Clinical Outcome across Four BRAFi and MEKi Clinical Trials. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 567-74	12.9	151
461	Resistance to antiangiogenic therapy is directed by vascular phenotype, vessel stabilization, and maturation in malignant melanoma. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 491-503	16.6	151
460	Angiopoietin-2 levels are associated with disease progression in metastatic malignant melanoma. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 1384-92	12.9	151
459	Conjunctival melanomas harbor BRAF and NRAS mutations and copy number changes similar to cutaneous and mucosal melanomas. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 3143-52	12.9	150
458	Association Between Immune-Related Adverse Events and Recurrence-Free Survival Among Patients With Stage III Melanoma Randomized to Receive Pembrolizumab or Placebo: A Secondary Analysis of a Randomized Clinical Trial. <i>JAMA Oncology</i> , <b>2020</b> , 6, 519-527	13.4	148
457	Ulceration and stage are predictive of interferon efficacy in melanoma: results of the phase III adjuvant trials EORTC 18952 and EORTC 18991. <i>European Journal of Cancer</i> , <b>2012</b> , 48, 218-25	7.5	146
456	Dacarbazine, cisplatin, and interferon-alfa-2b with or without interleukin-2 in metastatic melanoma: a randomized phase III trial (18951) of the European Organisation for Research and Treatment of Cancer Melanoma Group. <i>Journal of Clinical Oncology</i> , <b>2005</b> , 23, 6747-55	2.2	146
455	Metabolic heterogeneity confers differences in melanoma metastatic potential. <i>Nature</i> , <b>2020</b> , 577, 115-120	5.4	141
454	Age Correlates with Response to Anti-PD1, Reflecting Age-Related Differences in Intratumoral Effector and Regulatory T-Cell Populations. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 5347-5356	12.9	140
453	Skin Cancer Classification Using Convolutional Neural Networks: Systematic Review. <i>Journal of Medical Internet Research</i> , <b>2018</b> , 20, e11936	7.6	140



452	Longer Follow-Up Confirms Relapse-Free Survival Benefit With Adjuvant Dabrafenib Plus Trametinib in Patients With Resected V600-Mutant Stage III Melanoma. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 3441-3449	2.2	137
451	Evaluation of Two Dosing Regimens for Nivolumab in Combination With Ipilimumab in Patients With Advanced Melanoma: Results From the Phase IIIb/IV CheckMate 511 Trial. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 867-875	2.2	135
450	Selumetinib plus dacarbazine versus placebo plus dacarbazine as first-line treatment for BRAF-mutant metastatic melanoma: a phase 2 double-blind randomised study. <i>Lancet Oncology, The</i> , <b>2013</b> , 14, 733-40	21.7	135
449	Update on immunologic therapy with anti-CTLA-4 antibodies in melanoma: identification of clinical and biological response patterns, immune-related adverse events, and their management. <i>Seminars in Oncology</i> , <b>2010</b> , 37, 485-98	5.5	130
448	Acquired IFN $\gamma$ resistance impairs anti-tumor immunity and gives rise to T-cell-resistant melanoma lesions. <i>Nature Communications</i> , <b>2017</b> , 8, 15440	17.4	125
447	Vemurafenib in metastatic melanoma patients with brain metastases: an open-label, single-arm, phase 2, multicentre study. <i>Annals of Oncology</i> , <b>2017</b> , 28, 634-641	10.3	124
446	Adjuvant vemurafenib in resected, BRAF mutation-positive melanoma (BRIM8): a randomised, double-blind, placebo-controlled, multicentre, phase 3 trial. <i>Lancet Oncology, The</i> , <b>2018</b> , 19, 510-520	21.7	123
445	Predictors of responses to immune checkpoint blockade in advanced melanoma. <i>Nature Communications</i> , <b>2017</b> , 8, 592	17.4	122
444	The chemokine RANTES is secreted by human melanoma cells and is associated with enhanced tumour formation in nude mice. <i>British Journal of Cancer</i> , <b>1999</b> , 79, 1025-31	8.7	120
443	Clinical performance of the Nevisense system in cutaneous melanoma detection: an international, multicentre, prospective and blinded clinical trial on efficacy and safety. <i>British Journal of Dermatology</i> , <b>2014</b> , 171, 1099-107	4	117
442	Efficacy and safety of retreatment with ipilimumab in patients with pretreated advanced melanoma who progressed after initially achieving disease control. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 2232-9	12.9	117
441	Metastatic basal cell carcinoma: prognosis dependent on anatomic site and spread of disease. <i>European Journal of Cancer</i> , <b>2014</b> , 50, 774-83	7.5	116
440	A convolutional neural network trained with dermoscopic images performed on par with 145 dermatologists in a clinical melanoma image classification task. <i>European Journal of Cancer</i> , <b>2019</b> , 111, 148-154	7.5	115
439	Survival of patients with advanced metastatic melanoma: The impact of novel therapies. <i>European Journal of Cancer</i> , <b>2016</b> , 53, 125-34	7.5	115
438	Three-year pooled analysis of factors associated with clinical outcomes across dabrafenib and trametinib combination therapy phase 3 randomised trials. <i>European Journal of Cancer</i> , <b>2017</b> , 82, 45-55	7.5	114
437	Two intermittent vismodegib dosing regimens in patients with multiple basal-cell carcinomas (MIKIE): a randomised, regimen-controlled, double-blind, phase 2 trial. <i>Lancet Oncology, The</i> , <b>2017</b> , 18, 404-412	21.7	108
436	Increases in Absolute Lymphocytes and Circulating CD4+ and CD8+ T Cells Are Associated with Positive Clinical Outcome of Melanoma Patients Treated with Ipilimumab. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 4848-4858	12.9	108
435	B-RAF and N-RAS mutations are preserved during short time in vitro propagation and differentially impact prognosis. <i>PLoS ONE</i> , <b>2007</b> , 2, e236	3.7	107

434	Final analysis of a randomised trial comparing pembrolizumab versus investigator-choice chemotherapy for ipilimumab-refractory advanced melanoma. <i>European Journal of Cancer</i> , <b>2017</b> , 86, 37-45	7.5	106
433	Genetic evolution of T-cell resistance in the course of melanoma progression. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 6593-604	12.9	106
432	The impact of the immune system on tumor: angiogenesis and vascular remodeling. <i>Frontiers in Oncology</i> , <b>2014</b> , 4, 69	5.3	105
431	Five-Year Analysis of Adjuvant Dabrafenib plus Trametinib in Stage III Melanoma. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1139-1148	59.2	105
430	Superior skin cancer classification by the combination of human and artificial intelligence. <i>European Journal of Cancer</i> , <b>2019</b> , 120, 114-121	7.5	103
429	Targeting hyperactivation of the AKT survival pathway to overcome therapy resistance of melanoma brain metastases. <i>Cancer Medicine</i> , <b>2013</b> , 2, 76-85	4.8	102
428	Deep neural networks are superior to dermatologists in melanoma image classification. <i>European Journal of Cancer</i> , <b>2019</b> , 119, 11-17	7.5	101
427	Nivolumab for Patients With Advanced Melanoma Treated Beyond Progression: Analysis of 2 Phase 3 Clinical Trials. <i>JAMA Oncology</i> , <b>2017</b> , 3, 1511-1519	13.4	101
426	Adjuvant nivolumab plus ipilimumab or nivolumab monotherapy versus placebo in patients with resected stage IV melanoma with no evidence of disease (IMMUNED): a randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet, The</i> , <b>2020</b> , 395, 1558-1568	40	100
425	Ipilimumab alone or in combination with nivolumab after progression on anti-PD-1 therapy in advanced melanoma. <i>European Journal of Cancer</i> , <b>2017</b> , 75, 47-55	7.5	99
424	Vemurafenib reverses immunosuppression by myeloid derived suppressor cells. <i>International Journal of Cancer</i> , <b>2013</b> , 133, 1653-63	7.5	99
423	Number of metastases, serum lactate dehydrogenase level, and type of treatment are prognostic factors in patients with brain metastases of malignant melanoma. <i>Cancer</i> , <b>2011</b> , 117, 1697-703	6.4	98
422	Evidence and interdisciplinary consensus-based German guidelines: diagnosis and surveillance of melanoma. <i>Melanoma Research</i> , <b>2007</b> , 17, 393-9	3.3	98
421	Association between sentinel lymph node excision with or without preoperative SPECT/CT and metastatic node detection and disease-free survival in melanoma. <i>JAMA - Journal of the American Medical Association</i> , <b>2012</b> , 308, 1007-14	27.4	97
420	Temozolomide in combination with interferon-alfa versus temozolomide alone in patients with advanced metastatic melanoma: a randomized, phase III, multicenter study from the Dermatologic Cooperative Oncology Group. <i>Journal of Clinical Oncology</i> , <b>2005</b> , 23, 9001-7	2.2	95
419	Sustained Type I interferon signaling as a mechanism of resistance to PD-1 blockade. <i>Cell Research</i> , <b>2019</b> , 29, 846-861	24.7	91
418	TERT promoter mutations in ocular melanoma distinguish between conjunctival and uveal tumours. <i>British Journal of Cancer</i> , <b>2013</b> , 109, 497-501	8.7	91
417	Predictors of sun protection behaviors and severe sunburn in an international online study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2010</b> , 19, 2199-210	4	91



416	A randomised, phase II study of intetumumab, an anti- $\alpha$ -integrin mAb, alone and with dacarbazine in stage IV melanoma. <i>British Journal of Cancer</i> , <b>2011</b> , 105, 346-52	8.7	91
415	Deep learning outperformed 11 pathologists in the classification of histopathological melanoma images. <i>European Journal of Cancer</i> , <b>2019</b> , 118, 91-96	7.5	90
414	Neoadjuvant systemic therapy in melanoma: recommendations of the International Neoadjuvant Melanoma Consortium. <i>Lancet Oncology, The</i> , <b>2019</b> , 20, e378-e389	21.7	88
413	Adjuvant therapy with pegylated interferon alfa-2b versus observation in resected stage III melanoma: a phase III randomized controlled trial of health-related quality of life and symptoms by the European Organisation for Research and Treatment of Cancer Melanoma Group. <i>Journal of Clinical Oncology</i> , <b>2009</b> , 27, 2916-23	2.2	88
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