

Nathalie Dhomen

List of Publications by Year in descending order

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44
papers

4,742
citations

394421

19
h-index

395702

33
g-index

48
all docs

48
docs citations

48
times ranked

7535
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinase-Dead BRAF and Oncogenic RAS Cooperate to Drive Tumor Progression through CRAF. <i>Cell</i> , 2010, 140, 209-221.	28.9	1,318
2	<i>RAS</i> Mutations in Cutaneous Squamous-Cell Carcinomas in Patients Treated with BRAF Inhibitors. <i>New England Journal of Medicine</i> , 2012, 366, 207-215.	27.0	978
3	Oncogenic Braf Induces Melanocyte Senescence and Melanoma in Mice. <i>Cancer Cell</i> , 2009, 15, 294-303.	16.8	521
4	New insight into BRAF mutations in cancer. <i>Current Opinion in Genetics and Development</i> , 2007, 17, 31-39.	3.3	251
5	Ultraviolet radiation accelerates BRAF-driven melanomagenesis by targeting TP53. <i>Nature</i> , 2014, 511, 478-482.	27.8	208
6	Application of Sequencing, Liquid Biopsies, and Patient-Derived Xenografts for Personalized Medicine in Melanoma. <i>Cancer Discovery</i> , 2016, 6, 286-299.	9.4	208
7	The Immune Microenvironment Confers Resistance to MAPK Pathway Inhibitors through Macrophage-Derived TNF α . <i>Cancer Discovery</i> , 2014, 4, 1214-1229.	9.4	174
8	BRAF Signaling and Targeted Therapies in Melanoma. <i>Hematology/Oncology Clinics of North America</i> , 2009, 23, 529-545.	2.2	159
9	Cross-cohort gut microbiome associations with immune checkpoint inhibitor response in advanced melanoma. <i>Nature Medicine</i> , 2022, 28, 535-544.	30.7	158
10	Immune awakening revealed by peripheral T cell dynamics after one cycle of immunotherapy. <i>Nature Cancer</i> , 2020, 1, 210-221.	13.2	138
11	Resistance to BRAF inhibitors induces glutamine dependency in melanoma cells. <i>Molecular Oncology</i> , 2016, 10, 73-84.	4.6	129
12	The T cell receptor repertoire of tumor infiltrating T cells is predictive and prognostic for cancer survival. <i>Nature Communications</i> , 2021, 12, 4098.	12.8	80
13	Ultraviolet radiation-induced DNA damage is prognostic for outcome in melanoma. <i>Nature Medicine</i> , 2019, 25, 221-224.	30.7	75
14	A Mouse Model of Melanoma Driven by Oncogenic KRAS. <i>Cancer Research</i> , 2010, 70, 5549-5557.	0.9	72
15	Lysyl oxidase drives tumour progression by trapping EGF receptors at the cell surface. <i>Nature Communications</i> , 2017, 8, 14909.	12.8	69
16	Delayed Expression of the Crx Gene and Photoreceptor Development in the Chx10-Deficient Retina. , 2004, 45, 375.		27
17	Genomic Evaluation of Multiparametric Magnetic Resonance Imaging-visible and -nonvisible Lesions in Clinically Localised Prostate Cancer. <i>European Urology Oncology</i> , 2019, 2, 1-11.	5.4	27
18	Ultraviolet radiation drives mutations in a subset of mucosal melanomas. <i>Nature Communications</i> , 2021, 12, 259.	12.8	27

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19	Inducible expression of ^{V600E} Braf using tyrosinase-driven Cre recombinase results in embryonic lethality. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 112-120.	3.3	26
20	Stroma remodeling and reduced cell division define durable response to PD-1 blockade in melanoma. <i>Nature Communications</i> , 2020, 11, 853.	12.8	23
21	Derepression of HMGA2 Gene Expression in Retinoblastoma Is Associated with Cell Proliferation. <i>Molecular Medicine</i> , 2003, 9, 154-165.	4.4	21
22	New insights into naevoid melanomas: a clinicopathological reassessment. <i>Histopathology</i> , 2017, 71, 943-950.	2.9	13
23	V600EBraf::Tyr-CreERT2::K14-Kitl Mice Do Not Develop Superficial Spreading-Like Melanoma: Keratinocyte Kit Ligand Is Insufficient to Translocate V600EBraf-Driven Melanoma to the Epidermis. <i>Journal of Investigative Dermatology</i> , 2012, 132, 488-491.	0.7	5
24	T cell immune awakening in response to immunotherapy is age-dependent. <i>European Journal of Cancer</i> , 2022, 162, 11-21.	2.8	5
25	Use of circulating tumor DNA to predict survival in patients with resected high-risk stage II/III melanoma.. <i>Journal of Clinical Oncology</i> , 2017, 35, 9583-9583.	1.6	4
26	KIT and BRAF Mutational Status in a Patient with a Synchronous Lentigo Maligna Melanoma and a Gastrointestinal Stromal Tumor. <i>American Journal of Clinical Dermatology</i> , 2012, 13, 64-65.	6.7	3
27	Brain microenvironment-driven resistance to immune and targeted therapies in acral melanoma. <i>ESMO Open</i> , 2020, 5, e000707.	4.5	3
28	Map3k1 Loss Cooperates with Braf to Drive Melanomagenesis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 221-225.e6.	0.7	3
29	Sunglasses to hide behind may also prevent melanoma of the eyes. <i>British Journal of Cancer</i> , 2021, 125, 470-472.	6.4	2
30	Abstract 3207: Influence of tumor mutation burden on response to anti-PD-1 treatment in murine models of melanoma. <i>Cancer Research</i> , 2016, 76, 3207-3207.	0.9	2
31	Abstract LB-212: Therapeutic efficacy of the paradox-breaking panRAF and SRC drug CCT3833/BAL3833 in KRAS-driven cancer models. <i>Cancer Research</i> , 2016, 76, LB-212-LB-212.	0.9	2
32	Melanoma Metabolism. , 2019, , 1-24.		1
33	Abstract 470: Application of sequencing, liquid biopsies and patient derived xenografts for personalized medicine in melanoma. , 2016, , .		1
34	Abstract 1561: Gene expression analysis identifies heterogeneity in cutaneous melanoma subjects with disruptiveMC1Ralleles andBRAHotspot mutations. , 2017, , .		1
35	Melanoma Metabolism. , 2019, , 99-122.		0
36	Abstract 469: Systematic analysis of circulating tumor DNA in melanoma patients to uncover mechanisms of resistance and disease clonality. , 2016, , .		0

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37	Abstract 2400: Mechanisms of resistance to immuno and targeted therapies in acral melanoma. , 2016, , .		0
38	Abstract 3393: Genomic analysis of multi-site fresh prostate samples. , 2017, , .		0
39	Abstract 4844: CRISPR-generated BAP1 knockdown in uveal melanoma cell lines affects organotropism. , 2017, , .		0
40	Metabolism: The Sweet Spot in Melanoma Precision Medicine?. , 2018, , 1-24.		0
41	Abstract 3438: Genetic analysis of melanoma from an albino patient. , 2018, , .		0
42	Abstract 4653: Melanocyte specific deletion of <i>Map3k1</i> reveals its role in BRAF ^{V600E} -driven melanoma. , 2019, , .		0
43	Abstract 2727: Elucidating genes that mediate brain colonization by metastatic melanoma cells. , 2020, , .		0
44	Abstract 4653: Melanocyte specific deletion of <i>Map3k1</i> reveals its role in BRAF ^{V600E} -driven melanoma. , 2019, , .		0