Nancy E Thomas

List of Publications by Year
in descending order

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91 papers	4,387 citations	126708 33 h-index	110170 64 g-index
92 all docs	92 docs citations	92 times ranked	7392 citing authors

#	Article	IF	Citations
1	Expression of p16^{INK4a} in peripheral blood Tâ€cells is a biomarker of human aging. Aging Cell, 2009, 8, 439-448.	3.0	381
2	Tumor-Infiltrating Lymphocyte Grade in Primary Melanomas Is Independently Associated With Melanoma-Specific Survival in the Population-Based Genes, Environment and Melanoma Study. Journal of Clinical Oncology, 2013, 31, 4252-4259.	0.8	232
3	Survival Differences Between Patients With Scalp or Neck Melanoma and Those With Melanoma of Other Sites in the Surveillance, Epidemiology, and End Results (SEER) Program. Archives of Dermatology, 2008, 144, 515-21.	1.7	224
4	INK4/ARF Transcript Expression Is Associated with Chromosome 9p21 Variants Linked to Atherosclerosis. PLoS ONE, 2009, 4, e5027.	1.1	217
5	BRAF and NRAS mutations in melanoma and melanocytic nevi. Melanoma Research, 2006, 16, 267-273.	0.6	213
6	Number of Nevi and Early-Life Ambient UV Exposure Are Associated with BRAF-Mutant Melanoma. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 991-997.	1.1	180
7	Association BetweenNRASandBRAFMutational Status and Melanoma-Specific Survival Among Patients With Higher-Risk Primary Melanoma. JAMA Oncology, 2015, 1, 359.	3.4	164
8	P-Rex1 is required for efficient melanoblast migration and melanoma metastasis. Nature Communications, 2011, 2, 555.	5.8	152
9	RNA expression analysis of formalin-fixed paraffin-embedded tumors. Laboratory Investigation, 2007, 87, 383-391.	1.7	151
10	Comparison of Clinicopathologic Features and Survival of Histopathologically Amelanotic and Pigmented Melanomas. JAMA Dermatology, 2014, 150, 1306.	2.0	142
11	Melanoma cells show a heterogeneous range of sensitivity to ionizing radiation and are radiosensitized by inhibition of B-RAF with PLX-4032. Radiotherapy and Oncology, 2011, 98, 394-399.	0.3	130
12	LKB1/STK11 Inactivation Leads to Expansion of a Prometastatic Tumor Subpopulation in Melanoma. Cancer Cell, 2012, 21, 751-764.	7.7	116
13	Melanoma Epidemiology and Prevention. Cancer Treatment and Research, 2016, 167, 17-49.	0.2	111
14	BRAF somatic mutations in malignant melanoma and melanocytic naevi. Melanoma Research, 2006, 16, 97-103.	0.6	100
15	CD200 is induced by ERK and is a potential therapeutic target in melanoma. Journal of Clinical Investigation, 2007, 117, 3922-9.	3.9	88
16	Lack of Extracellular Signal-Regulated Kinase Mitogen-Activated Protein Kinase Signaling Shows a New Type of Melanoma. Cancer Research, 2007, 67, 1502-1512.	0.4	80
17	The state of melanoma: challenges and opportunities. Pigment Cell and Melanoma Research, 2016, 29, 404-416.	1.5	77
18	DNAâ€methylation profiling distinguishes malignant melanomas from benign nevi. Pigment Cell and Melanoma Research, 2011, 24, 352-360.	1.5	74

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19	Could BRAF Mutations in Melanocytic Lesions Arise from DNA Damage Induced by Ultraviolet Radiation?. Journal of Investigative Dermatology, 2006, 126, 1693-1696.	0.3	72
20	Vitamin D receptor polymorphisms in patients with cutaneous melanoma. International Journal of Cancer, 2012, 130, 405-418.	2.3	61
21	Association of Delays in Surgery for Melanoma With Insurance Type. JAMA Dermatology, 2017, 153, 1106.	2.0	58
22	Indications for Lymphatic Mapping and Sentinel Lymphadenectomy in Patients with Thin Melanoma (Breslow Thickness â‰¥1.0 mm). Annals of Surgical Oncology, 2004, 11, 900-906.	0.7	55
23	Defective Cell Cycle Checkpoint Functions in Melanoma Are Associated with Altered Patterns of Gene Expression. Journal of Investigative Dermatology, 2008, 128, 175-187.	0.3	55
24	Vitamin D receptor polymorphisms and survival in patients with cutaneous melanoma: a population-based study. Carcinogenesis, 2016, 37, 30-38.	1.3	54
25	Tandem BRAF Mutations in Primary Invasive Melanomas. Journal of Investigative Dermatology, 2004, 122, 1245-1250.	0.3	51
26	Appearance Normalization of Histology Slides. Lecture Notes in Computer Science, 2010, 6357, 58-66.	1.0	50
27	Validation of the <scp>VE1</scp> immunostain for the <scp>BRAF</scp><scp>V600E</scp> mutation in melanoma. Journal of Cutaneous Pathology, 2014, 41, 724-732.	0.7	49
28	Epidemiologic Support for Melanoma Heterogeneity Using the Surveillance, Epidemiology, and End Results Program. Journal of Investigative Dermatology, 2008, 128, 1340-1342.	0.3	45
29	Associations of Cumulative Sun Exposure and Phenotypic Characteristics with Histologic Solar Elastosis. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 2932-2941.	1.1	45
30	Clinicopathologic Features of Incident and Subsequent Tumors in Patients with Multiple Primary Cutaneous Melanomas. Annals of Surgical Oncology, 2012, 19, 1024-1033.	0.7	45
31	Development and Validation of the Comprehensive Indoor Tanning Expectations Scale. JAMA Dermatology, 2014, 150, 512.	2.0	44
32	Inherited Genetic Variants Associated with Occurrence of Multiple Primary Melanoma. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 992-997.	1.1	36
33	ERK/MAPK Signaling Drives Overexpression of the Rac-GEF, PREX1, in BRAF- and NRAS-Mutant Melanoma. Molecular Cancer Research, 2016, 14, 1009-1018.	1.5	36
34	<scp>MITF</scp> E318K's effect on melanoma risk independent of, but modified by, other risk factors. Pigment Cell and Melanoma Research, 2014, 27, 485-488.	1.5	35
35	Survival for Patients With Single and Multiple Primary Melanomas. JAMA Dermatology, 2013, 149, 921.	2.0	33
36	Targeted next generation sequencing identifies clinically actionable mutations in patients with melanoma. Pigment Cell and Melanoma Research, 2014, 27, 653-663.	1.5	31

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37	Testing a Social Cognitive Theory-Based Model of Indoor Tanning: Implications for Skin Cancer Prevention Messages. Health Communication, 2015, 30, 164-174.	1.8	31
38	Context-dependent roles of mutant B-Raf signaling in melanoma and colorectal carcinoma cell growth. Molecular Cancer Therapeutics, 2007, 6, 2220-2229.	1.9	30
39	Relationship between Germline MC1R Variants and BRAF-Mutant Melanoma in a North Carolina Population-Based Study. Journal of Investigative Dermatology, 2010, 130, 1463-1465.	0.3	30
40	Utility of TERT Promoter Mutations for Cutaneous Primary Melanoma Diagnosis. American Journal of Dermatopathology, 2019, 41, 264-272.	0.3	29
41	Association of Interferon Regulatory Factor-4 Polymorphism rs12203592 With Divergent Melanoma Pathways. Journal of the National Cancer Institute, 2016, 108, djw004.	3.0	28
42	A Leukocyte Infiltration Score Defined by a Gene Signature Predicts Melanoma Patient Prognosis. Molecular Cancer Research, 2019, 17, 109-119.	1.5	28
43	Evaluation of the Clonal Origin of Multiple Primary Melanomas Using Molecular Profiling. Journal of Investigative Dermatology, 2009, 129, 1972-1982.	0.3	27
44	Inherited variation at MC1R and ASIP and association with melanomaâ€specific survival. International Journal of Cancer, 2015, 136, 2659-2667.	2.3	27
45	Sun Exposure and Melanoma Survival: A GEM Study. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2145-2152.	1.1	26
46	Appearance normalization of histology slides. Computerized Medical Imaging and Graphics, 2015, 43, 89-98.	3.5	25
47	Variants in autophagyâ€related genes and clinical characteristics in melanoma: a populationâ€based study. Cancer Medicine, 2016, 5, 3336-3345.	1.3	23
48	Identification of a Robust Methylation Classifier for Cutaneous Melanoma Diagnosis. Journal of Investigative Dermatology, 2019, 139, 1349-1361.	0.3	23
49	Inherited Variation at MC1R and Histological Characteristics of Primary Melanoma. PLoS ONE, 2015, 10, e0119920.	1.1	22
50	A prognostic signature of defective p53â€dependent G1 checkpoint function in melanoma cell lines. Pigment Cell and Melanoma Research, 2012, 25, 514-526.	1.5	19
51	<scp>DNA</scp> methylation profiles in primary cutaneous melanomas are associated with clinically significant pathologic features. Pigment Cell and Melanoma Research, 2014, 27, 1097-1105.	1.5	19
52	Association of Incident Amelanotic Melanoma With Phenotypic Characteristics, MC1R Status, and Prior Amelanotic Melanoma. JAMA Dermatology, 2017, 153, 1026.	2.0	19
53	Mechanisms of chromosomal instability in melanoma. Environmental and Molecular Mutagenesis, 2014, 55, 457-471.	0.9	16
54	IL2 Inducible T-cell Kinase, a Novel Therapeutic Target in Melanoma. Clinical Cancer Research, 2015, 21, 2167-2176.	3.2	16

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55	Image and statistical analysis of melanocytic histology. Histopathology, 2012, 61, 436-444.	1.6	15
56	Population-based analysis of lymphatic mapping and sentinel lymphadenectomy utilization for intermediate thickness melanoma. Journal of Surgical Oncology, 2006, 93, 100-107.	0.8	14
57	Development of DNA Damage Response Signaling Biomarkers using Automated, Quantitative Image Analysis. Journal of Histochemistry and Cytochemistry, 2014, 62, 185-196.	1.3	14
58	The Prognostic Significance of Low-Frequency Somatic Mutations in Metastatic Cutaneous Melanoma. Frontiers in Oncology, 2018, 8, 584.	1.3	14
59	Tumor Mitotic Rate and Association with Recurrence in Sentinel Lymph Node Negative Stage II Melanoma Patients. American Surgeon, 2017, 83, 972-978.	0.4	13
60	The interaction between vitamin D receptor polymorphisms and sun exposure around time of diagnosis influences melanoma survival. Pigment Cell and Melanoma Research, 2018, 31, 287-296.	1.5	13
61	Invasive superficial spreading melanomas arising from clinically normal skin. Journal of the American Academy of Dermatology, 2004, 51, 466-470.	0.6	12
62	An Empirical Analysis of Indoor Tanners: Implications for Audience Segmentation in Campaigns. Journal of Health Communication, 2016, 21, 564-574.	1.2	12
63	The dysfunction of BP180/collagen XVII in keratinocytes promotes melanoma progression. Oncogene, 2019, 38, 7491-7503.	2.6	12
64	MC1R genotype may modify the effect of sun exposure on melanoma risk in the GEM study. Cancer Causes and Control, 2010, 21, 2137-2147.	0.8	11
65	Nevus count associations with pigmentary phenotype, histopathological melanoma characteristics and survival from melanoma. International Journal of Cancer, 2016, 139, 1217-1222.	2.3	11
66	A longitudinal test of the Comprehensive Indoor Tanning Expectations Scale: The importance of affective beliefs in predicting indoor tanning behavior. Journal of Health Psychology, 2017, 22, 3-15.	1.3	11
67	Associations of MC1R Genotype and Patient Phenotypes with BRAF and NRAS Mutations in Melanoma. Journal of Investigative Dermatology, 2017, 137, 2588-2598.	0.3	11
68	Inherited Genetic Variants Associated with Melanoma BRAF/NRAS Subtypes. Journal of Investigative Dermatology, 2018, 138, 2398-2404.	0.3	9
69	No association between prediagnosis exercise and survival in patients with highâ€risk primary melanoma: A populationâ€based study. Pigment Cell and Melanoma Research, 2017, 30, 424-427.	1.5	8
70	Interaction of CDKN2A and Sun Exposure in the Etiology of Melanoma in the General Population. Journal of Investigative Dermatology, 2011, 131, 2500-2503.	0.3	7
71	Defining Cancer Subtypes With Distinctive Etiologic Profiles: An Application to the Epidemiology of Melanoma. Journal of the American Statistical Association, 2017, 112, 54-63.	1.8	7
72	No prognostic value added by vitamin D pathway SNPs to current prognostic system for melanoma survival. PLoS ONE, 2017, 12, e0174234.	1.1	7

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73	Association of Known Melanoma Risk Factors with Primary Melanoma of the Scalp and Neck. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2203-2210.	1.1	6
74	Targeting the IL-2 inducible kinase in melanoma; a phase 2 study of ibrutinib in systemic treatment-refractory distant metastatic cutaneous melanoma: preclinical rationale, biology, and clinical activity (NCI9922). Melanoma Research, 2021, 31, 162-172.	0.6	6
75	Immunohistochemical Expression of PD-L1 Is Increased in Lesional Epidermal Keratinocytes in Stevensâ€“Johnson Syndrome/Toxic Epidermal Necrolysis. American Journal of Dermatopathology, 2021, 43, 318-320.	0.3	6
76	Influence of provider and practice characteristics on melanoma care. American Journal of Surgery, 2007, 193, 206-212.	0.9	5
77	Melanoma Molecular Subtypes: Unifying and Paradoxical Results. Journal of Investigative Dermatology, 2010, 130, 12-14.	0.3	5
78	Effective intraâ€S checkpoint responses to UVC in primary human melanocytes and melanoma cell lines. Pigment Cell and Melanoma Research, 2016, 29, 68-80.	1.5	5
79	A PGC1Î² genetic variant associated with nevus count and melanoma mortality. International Journal of Cancer, 2017, 141, 1066-1067.	2.3	5
80	Characterization of the CpG Island Hypermethylated Phenotype Subclass in Primary Melanomas. Journal of Investigative Dermatology, 2022, 142, 1869-1881.e10.	0.3	5
81	Association of surgical interval and survival among hospital and non-hospital based patients with melanoma in North Carolina. Archives of Dermatological Research, 2021, 313, 653-661.	1.1	4
82	Nonâ€“Cell-Autonomous Activity of the Hemidesmosomal Protein BP180/Collagen XVII in Granulopoiesis in Humanized NC16A Mice. Journal of Immunology, 2020, 205, 2786-2794.	0.4	3
83	Disease-Associated Risk Variants in ANRIL Are Associated with Tumor-Infiltrating Lymphocyte Presence in Primary Melanomas in the Population-Based GEM Study. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 2309-2316.	1.1	2
84	In Vivo miRNA Decoy Screen Reveals miR-124a as a Suppressor of Melanoma Metastasis. Frontiers in Oncology, 2022, 12, 852952.	1.3	2
85	Hierarchical task-driven feature learning for tumor histology. , 2015, , .		1
86	Inherited Melanoma Risk Variants Associated with Histopathologically Amelanotic Melanoma. Journal of Investigative Dermatology, 2020, 140, 918-922.e7.	0.3	1
87	Differences in Melanoma Between Canada and New South Wales, Australia: A Population-Based Genes, Environment, and Melanoma (GEM) Study. JID Innovations, 2021, 1, 100002.	1.2	1
88	Expression of tryptophan metabolizing enzymes (TMEs) and its transporter, LAT1, in metastatic melanoma (MM): Prognostic and therapeutic implications.. Journal of Clinical Oncology, 2019, 37, e21014-e21014.	0.8	1
89	Association of Melanoma-Risk Variants with Primary Melanoma Tumor Prognostic Characteristics and Melanoma-Specific Survival in the GEM Study. Current Oncology, 2021, 28, 4756-4771.	0.9	1
90	Relationship of Chromosome Arm 10q Variants toÂOccurrence of Multiple Primary Melanoma in theÂPopulation-Based Genes, Environment, andÂMelanoma (GEM) Study. Journal of Investigative Dermatology, 2019, 139, 1410-1412.	0.3	0

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91	Human genes differ by their UV sensitivity estimated through analysis of UVâ€induced silent mutations in melanoma. Human Mutation, 2020, 41, 1751-1760.	1.1	0