Monica Rodolfo

List of Publications by Year
in descending order

105 papers	5,258 citations	126858 33 h-index	88593 70 g-index
107 all docs	107 docs citations	107 times ranked	8917 citing authors

#	Article	IF	Citations
1	Murine dendritic cells loaded in vitro with soluble protein prime cytotoxic T lymphocytes against tumor antigen in vivo.. Journal of Experimental Medicine, 1996, 183, 317-322.	4.2	516
2	<i>IDH1</i>mutations at residue p.R132 (IDH1^{R132}) occur frequently in high-grade gliomas but not in other solid tumors. Human Mutation, 2009, 30, 7-11.	1.1	348
3	Granulocyte colony-stimulating factor gene transfer suppresses tumorigenicity of a murine adenocarcinoma in vivo.. Journal of Experimental Medicine, 1991, 173, 889-897.	4.2	304
4	New common variants affecting susceptibility to basal cell carcinoma. Nature Genetics, 2009, 41, 909-914.	9.4	303
5	pHâ€dependent antitumor activity of proton pump inhibitors against human melanoma is mediated by inhibition of tumor acidity. International Journal of Cancer, 2010, 127, 207-219.	2.3	237
6	MAGE-A tumor antigens target p53 transactivation function through histone deacetylase recruitment and confer resistance to chemotherapeutic agents. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11160-11165.	3.3	221
7	MicroRNA Expression Profiles Associated with Mutational Status and Survival in Malignant Melanoma. Journal of Investigative Dermatology, 2010, 130, 2062-2070.	0.3	204
8	Tumor-derived microRNAs induce myeloid suppressor cells and predict immunotherapy resistance in melanoma. Journal of Clinical Investigation, 2018, 128, 5505-5516.	3.9	193
9	BRAF alterations are associated with complex mutational profiles in malignant melanoma. Oncogene, 2004, 23, 5968-5977.	2.6	189
10	AKT1E17K in human solid tumours. Oncogene, 2008, 27, 5648-5650.	2.6	181
11	Dendritic Cells Infiltrating Tumors Cotransduced with Granulocyte/Macrophage Colony-Stimulating Factor (Gm-Csf) and Cd40 Ligand Genes Take up and Present Endogenous Tumor-Associated Antigens, and Prime Naive Mice for a Cytotoxic T Lymphocyte Response. Journal of Experimental Medicine, 1999, 190, 125-134.	4.2	168
12	Novel Somatic and Germline Mutations in Cancer Candidate Genes in Glioblastoma, Melanoma, and Pancreatic Carcinoma. Cancer Research, 2007, 67, 3545-3550.	0.4	153
13	Genome-wide association meta-analyses combining multiple risk phenotypes provide insights into the genetic architecture of cutaneous melanoma susceptibility. Nature Genetics, 2020, 52, 494-504.	9.4	138
14	A variant in FTO shows association with melanoma risk not due to BMI. Nature Genetics, 2013, 45, 428-432.	9.4	111
15	Identification of MET and SRC Activation in Melanoma Cell Lines Showing Primary Resistance to PLX4032. Neoplasia, 2011, 13, 1132-IN17.	2.3	89
16	Overcoming melanoma resistance to vemurafenib by targeting CCL2-induced miR-34a, miR-100 and miR-125b. Oncotarget, 2016, 7, 4428-4441.	0.8	84
17	Prosurvival Effect of DHCR24/Seladin-1 in Acute and Chronic Responses to Oxidative Stress. Molecular and Cellular Biology, 2008, 28, 539-550.	1.1	77
18	Detection of mutated BRAFV600E variant in circulating DNA of stage IIIâ€"IV melanoma patients. International Journal of Cancer, 2007, 120, 2439-2444.	2.3	76

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19	Alternative Activation of Human Plasmacytoid DCs In Vitro and in Melanoma Lesions: Involvement of LAG-3. Journal of Investigative Dermatology, 2014, 134, 1893-1902.	0.3	74
20	DHCR24 gene expression is upregulated in melanoma metastases and associated to resistance to oxidative stress-induced apoptosis. International Journal of Cancer, 2005, 115, 224-230.	2.3	72
21	CCN3/Nephroblastoma Overexpressed Matricellular Protein Regulates Integrin Expression, Adhesion, and Dissemination in Melanoma. Cancer Research, 2008, 68, 715-723.	0.4	64
22	Mutational Profile of GNAQQ209 in Human Tumors. PLoS ONE, 2009, 4, e6833.	1.1	63
23	Genetic progression of metastatic melanoma. Cancer Letters, 2004, 214, 133-147.	3.2	62
24	Interleukin-12 as an Adjuvant for Cancer Immunotherapy. Methods, 1999, 19, 114-120.	1.9	60
25	Immunological Gene Therapy withex VivoGene-Modified Tumor Cells: A Critique and a Reappraisal. Human Gene Therapy, 2000, 11, 1269-1275.	1.4	57
26	CDKN2A and CDK4 mutation analysis in Italian melanoma-prone families: functional characterization of a novel CDKN2A germ line mutation. British Journal of Cancer, 2001, 85, 836-844.	2.9	55
27	Cutaneous Melanoma in Childhood and Adolescence Shows Frequent Loss of INK4A and Gain of KIT. Journal of Investigative Dermatology, 2009, 129, 1759-1768.	0.3	54
28	The density and spatial tissue distribution of CD8+ and CD163+ immune cells predict response and outcome in melanoma patients receiving MAPK inhibitors. , 2019, 7, 308.		51
29	Clinical genetic testing for familial melanoma in Italy: A cooperative study. Journal of the American Academy of Dermatology, 2009, 61, 775-782.	0.6	45
30	Mutational profiling of cancer candidate genes in glioblastoma, melanoma and pancreatic carcinoma reveals a snapshot of their genomic landscapes. Human Mutation, 2009, 30, E451-E459.	1.1	41
31	High expression of PKA regulatory subunit 1A protein is related to proliferation of human melanoma cells. Oncogene, 2008, 27, 1834-1843.	2.6	40
32	Molecular profiling of the Ã¢Â€ÂœplexinomeÃ¢Â€Â•in melanoma and pancreatic cancer. Human Mutation, 2009, 30, 1167-1174.	1.1	40
33	Immunosuppressive circuits in tumor microenvironment and their influence on cancer treatment efficacy. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2019, 474, 407-420.	1.4	39
34	<i>RNASET2</i> as a Tumor Antagonizing Gene in a Melanoma Cancer Model. Oncology Research, 2008, 17, 69-74.	0.6	35
35	Absence of the CD1 Molecule Up-Regulates Antitumor Activity Induced by CpG Oligodeoxynucleotides in Mice. Journal of Immunology, 2002, 169, 151-158.	0.4	34
36	Combining common genetic variants and non-genetic risk factors to predict risk of cutaneous melanoma. Human Molecular Genetics, 2018, 27, 4145-4156.	1.4	34

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37	Multiple primary melanomas (MPMs) and criteria for genetic assessment: MultiMEL, a multicenter study of the Italian Melanoma Intergroup. Journal of the American Academy of Dermatology, 2016, 74, 325-332.	0.6	32
38	Honokiol bis-dichloroacetate (Honokiol DCA) demonstrates activity in vemurafenib-resistant melanoma<i>in vivo</i>. Oncotarget, 2016, 7, 12857-12868.	0.8	32
39	Prevention of spontaneous mammary adenocarcinoma in HERâ€2/neu transgenic mice by foreign DNA. FASEB Journal, 2002, 16, 1749-1754.	0.2	30
40	Role of T cells and tumour necrosis factor in antitumour activity and toxicity of flavone acetic acid. European Journal of Cancer & Clinical Oncology, 1990, 26, 1079-1083.	0.9	29
41	Histone deacetylase inhibitor-temozolomide co-treatment inhibits melanoma growth through suppression of Chemokine (C-C motif) ligand 2-driven signals. Oncotarget, 2014, 5, 4516-4528.	0.8	29
42	Transcriptional Profiling of Melanoma Sentinel Nodes Identify Patients with Poor Outcome and Reveal an Association of CD30+ T Lymphocytes with Progression. Cancer Research, 2014, 74, 130-140.	0.4	27
43	CTAB-Urea Method Purifies RNA from Melanin for cDNA Microarray Analysis. Pigment Cell & Melanoma Research, 2004, 17, 312-315.	4.0	26
44	<scp>CDKN</scp>2A and <scp>MC</scp>1R variants influence dermoscopic and confocal features of benign melanocytic lesions in multiple melanoma patients. Experimental Dermatology, 2013, 22, 411-416.	1.4	26
45	Selective purging by human interleukin-2 activated lymphocytes of bone marrows contaminated with a lymphoma line or autologous leukaemic cells. British Journal of Haematology, 1991, 78, 197-205.	1.2	24
46	Immune cells in the melanoma microenvironment hold information for prediction of the risk of recurrence and response to treatment. Expert Review of Molecular Diagnostics, 2014, 14, 643-646.	1.5	23
47	Cytotoxic T lymphocyte response against non-immunoselected tumor antigens predicts the outcome of gene therapy with IL-12-transduced tumor cell vaccine. Gene Therapy, 1999, 6, 865-872.	2.3	21
48	Extracellular vesicles in anti-tumor immunity. Seminars in Cancer Biology, 2022, 86, 64-79.	4.3	21
49	Tumor cells engineered to produce cytokines or cofactors as cellular vaccines: Do animal studies really support clinical trials?. Cancer Immunology, Immunotherapy, 1995, 41, 265-270.	2.0	20
50	Growth of human melanoma xenografts is suppressed by systemic angiostatin gene therapy. Cancer Gene Therapy, 2001, 8, 491-496.	2.2	20
51	Targeting Immune Regulatory Networks to Counteract Immune Suppression in Cancer. Vaccines, 2016, 4, 38.	2.1	20
52	A large de novo9p21.3 deletion in a girl affected by astrocytoma and multiple melanoma. BMC Medical Genetics, 2014, 15, 59.	2.1	18
53	miR-146a-5p impairs melanoma resistance to kinase inhibitors by targeting COX2 and regulating NFkB-mediated inflammatory mediators. Cell Communication and Signaling, 2020, 18, 156.	2.7	18
54	Modulation of the myeloid compartment of the immune system by angiogenic- and kinase inhibitor-targeted anti-cancer therapies. Cancer Immunology, Immunotherapy, 2015, 64, 83-89.	2.0	17

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55	MC1R variants in childhood and adolescent melanoma: a retrospective pooled analysis of a multicentre cohort. The Lancet Child and Adolescent Health, 2019, 3, 332-342.	2.7	16
56	Therapeutic use of a long-term cytotoxic T cell line recognizing a common tumour-associated antigen: The pattern of in vitro reactivity predicts the in vivo effect on different tumours. Cancer Immunology, Immunotherapy, 1991, 34, 53-62.	2.0	15
57	Cytotoxic T lymphocytes recognize tumor antigens of a murine colonic carcinoma by using different T-cell receptors. International Journal of Cancer, 1994, 57, 440-447.	2.3	14
58	Targeting p63 Upregulation Abrogates Resistance to MAPK Inhibitors in Melanoma. Cancer Research, 2020, 80, 2676-2688.	0.4	14
59	Adoptive immunotherapy of a mouse colon carcinoma with recombinant interleukin-2 alone or combined with lymphokine-activated killer cells or tumor-immune lymphocytes. Cancer Immunology, Immunotherapy, 1990, 31, 28-36.	2.0	13
60	Promoter methylation of aminopeptidase N/CD13 in malignant melanoma. Carcinogenesis, 2012, 33, 781-790.	1.3	13
61	Sex-specific effect of RNASEL rs486907 and miR-146a rs2910164 polymorphismsâ€™ interaction as a susceptibility factor for melanoma skin cancer. Melanoma Research, 2017, 27, 309-314.	0.6	13
62	Deregulated FASN Expression in BRAF Inhibitor-Resistant Melanoma Cells Unveils New Targets for Drug Combinations. Cancers, 2021, 13, 2284.	1.7	13
63	Regulatory role of CCN3 in melanoma cell interaction with the extracellular matrix. Cell Adhesion and Migration, 2009, 3, 7-10.	1.1	12
64	microRNAs Shape Myeloid Cell-Mediated Resistance to Cancer Immunotherapy. Frontiers in Immunology, 2020, 11, 1214.	2.2	12
65	Back to simplicity: a four-marker blood cell score to quantify prognostically relevant myeloid cells in melanoma patients. , 2021, 9, e001167.		11
66	Influence of the donors' clinical status on in vitro and in vivo tumor-cytotoxic activation of interleukin-2-exposed lymphocytes and their circulation in different organs. Cancer Immunology, Immunotherapy, 1989, 28, 136-42.	2.0	10
67	Lack of association of metastasis-associated lung adenocarcinoma transcript 1 variants with melanoma skin cancer risk. Melanoma Research, 2019, 29, 660-663.	0.6	10
68	Targeting of the Lipid Metabolism Impairs Resistance to BRAF Kinase Inhibitor in Melanoma. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	10
69	MelaNostrum: a consensus questionnaire of standardized epidemiologic and clinical variables for melanoma risk assessment by the melanostrum consortium. Journal of the European Academy of Dermatology and Venereology, 2018, 32, 2134-2141.	1.3	9
70	Association of micro<scp>RNA</scp> 146a polymorphism rs2910164 and the risk of melanoma in an Italian population. Experimental Dermatology, 2015, 24, 794-795.	1.4	8
71	microRNA Expression in Sentinel Nodes from Progressing Melanoma Patients Identifies Networks Associated with Dysfunctional Immune Response. Genes, 2016, 7, 124.	1.0	8
72	3D culture of Erdheim-Chester disease tissues unveils histiocyte metabolism as a new therapeutic target. Annals of the Rheumatic Diseases, 2019, 78, 862-864.	0.5	8

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73	Melanoma in children and adolescents: analysis of susceptibility genes in 123 Italian patients. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 213-221.	1.3	8
74	Identification of suitable mRNAs and microRNAs as reference genes for expression analyses in skin cells under sex hormone exposure. Gene, 2021, 769, 145336.	1.0	7
75	Adoptive immunotherapy of cancer with immune and activated lymphocytes: Experimental and clinical studies. Research in Clinic and Laboratory, 1986, 16, 1-20.	0.3	7
76	Mouse tumors are heterogeneous in their susceptibility to syngeneic lymphokine-activated killer cells and delineate functional subsets in such effectors. Cancer Immunology, Immunotherapy, 1990, 31, 37-43.	2.0	6
77	Immune response markers in sentinel nodes may predict melanoma progression. OncoImmunology, 2014, 3, e28498.	2.1	6
78	Genetic Layout of Melanoma Lesions Is Associated with BRAF/MEK-Targeted Therapy Resistance and Transcriptional Profiles. Journal of Investigative Dermatology, 2022, 142, 3030-3040.e5.	0.3	6
79	Growth Inhibition of Murine Colonic Adenocarcinoma by Tumor Immune but not by IL-2-Activated or Alloactivated Lymphocytes. Tumori, 1987, 73, 1-9.	0.6	5
80	High incidence of chromosomal lesions involving C-heterochromatin in four human melanoma lines. Clinical and Experimental Metastasis, 1989, 7, 633-644.	1.7	5
81	miR-100 and miR-125b regulate epithelial-mesenchymal transition and drug resistance in tumors. Non-coding RNA Investigation, 2018, 2, 57-57.	0.6	5
82	Liquid Biopsy and Radiological Response Predict Outcomes Following Discontinuation of Targeted Therapy in Patients with BRAF Mutated Melanoma. Oncologist, 2021, 26, 1079-1084.	1.9	5
83	Heterogeneity and Phenotypic Instability of Chemotherapeutic and Immunologic Sensitivity in Murine and Human Melanoma Cell Clones. Tumori, 1992, 78, 5-9.	0.6	4
84	Postsurgical adjuvant chemoimmunotherapy with recombinant interleukin-2 and 1,3-bis-(2-chloroethyl)-1-nitrosurea on spontaneous metastases of a non-immunogenic murine tumour. Cancer Immunology, Immunotherapy, 1992, 34, 383-388.	2.0	4
85	Association of promoter polymorphism âˆ’765<scp>G</scp>><scp>C</scp> in the <scp>PTGS</scp>2 gene with malignant melanoma in <scp>I</scp>talian patients and its correlation to gene expression in dermal fibroblasts. Experimental Dermatology, 2014, 23, 766-768.	1.4	4
86	Common Delayed Senescence of Melanocytes from Multiple Primary Melanoma Patients. Journal of Investigative Dermatology, 2017, 137, 766-768.	0.3	4
87	Treatment of a low immunogenic experimental tumour with alloactivated or tumour-immune lymphocytes. Biochimica Et Biophysica Acta: Reviews on Cancer, 1987, 907, 163-174.	3.3	3
88	Malignant and benign tumors associated with multiple primary melanomas: just the starting block for the involvement of <i><scp>MITF</scp>,<scp> PTEN</scp></i> and <i><scp>CDKN</scp>2A</i> in multiple cancerogenesis?. Pigment Cell and Melanoma Research, 2013, 26, 755-757.	1.5	3
89	ITOC2 â€" 038. Role of exosomes in immune suppression. European Journal of Cancer, 2015, 51, S13.	1.3	3
90	Melanoma risk alleles are associated with downregulation of the <scp>MTAP</scp> gene and hypermethylation of a CpG island upstream of the gene in dermal fibroblasts. Experimental Dermatology, 2017, 26, 733-736.	1.4	3

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91	Integrated transcriptionalâ€phenotypic analysis captures systemic immunomodulation following antiangiogenic therapy in renal cell carcinoma patients. Clinical and Translational Medicine, 2021, 11, e434.	1.7	3
92	H-2K RESTRICTION OF THE T CELL-MEDIATED LYSIS OF A CHEMICALLY-INDUCED BALB/c FIBROSARCOMA. International Journal of Immunogenetics, 1983, 10, 337-340.	1.2	2
93	A Merging Duo in Melanoma Formation. Journal of Investigative Dermatology, 2005, 125, xii-xiii.	0.3	2
94	Genetic Variants and Somatic Alterations Associated with MITF-E318K Germline Mutation in Melanoma Patients. Genes, 2021, 12, 1440.	1.0	2
95	Tumor cells engineered to produce cytokines or cofactors as cellular vaccines: do animal studies really support clinical trials?. Cancer Immunology, Immunotherapy, 1995, 41, 265-270.	2.0	2
96	BRAF V600E Mutated Gene Variant as a Circulating Molecular Marker in Metastatic Melanoma Patients. , 2011, , .		1
97	Enhancer of zeste 2 polycomb repressive complex 2 subunit polymorphisms in melanoma skin cancer risk. Experimental Dermatology, 2020, 29, 980-986.	1.4	1
98	Selective modulation of immune transcripts in extracellular vesicles from plasma of renal cell carcinoma patients receiving nivolumab.. Journal of Clinical Oncology, 2020, 38, 719-719.	0.8	1
99	Genetic Unresponsiveness to a Murine Fibrosarcoma Determined by the Host Genetic Environment but not by Lymphocyte Precursor Genotype. Tumori, 1985, 71, 91-96.	0.6	0
100	Immunizing Potential of Cytokine-Transduced Tumor Cells. , 2000, 35, 3-26.		0
101	Response to Griewank and Bastian. Journal of Investigative Dermatology, 2010, 130, 2331-2332.	0.3	0
102	CCN3 Promotes Melanoma Progression by Regulating Integrin Expression, Adhesion and Apoptosis Induced by Cytotoxic Drugs. , 2010, , 205-211.		0
103	Retrospective analysis of patients (pts) with metastatic melanoma (MM) showing long-term response (LTR) to vemurafenib (Vb).. Journal of Clinical Oncology, 2017, 35, e21001-e21001.	0.8	0
104	The ACC melanoma pilot project: â€œReal-worldâ€• evaluation of an NGS platform for molecular characterization of melanoma in Italy.. Journal of Clinical Oncology, 2019, 37, e14600-e14600.	0.8	0
105	Abstract 1899: Extracellular lipid starvation modulates the effects of BRAF inhibitors in melanoma. , 2020, , .		0