Stefan EichmÃ¼ller

List of Publications by Year
in descending order

104 papers	6,285 citations	94433 37 h-index	71685 76 g-index
111 all docs	111 docs citations	111 times ranked	7590 citing authors

#	Article	IF	Citations
1	A Comprehensive Guide for the Accurate Classification of Murine Hair Follicles in Distinct Hair Cycle Stages. Journal of Investigative Dermatology, 2001, 117, 3-15.	0.7	1,129
2	A vaccine targeting mutant IDH1 induces antitumour immunity. Nature, 2014, 512, 324-327.	27.8	613
3	A Comprehensive Guide for the Recognition and Classification of Distinct Stages of Hair Follicle Morphogenesis. Journal of Investigative Dermatology, 1999, 113, 523-532.	0.7	501
4	Development and experience lead to increased volume of subcompartments of the honeybee mushroom body. Behavioral and Neural Biology, 1994, 62, 259-263.	2.2	218
5	Octopamine-like immunoreactivity in the brain and subesophageal ganglion of the honeybee. Journal of Comparative Neurology, 1994, 348, 583-595.	1.6	156
6	Alkaline phosphatase activity and localization during the murine hair cycle. British Journal of Dermatology, 1994, 131, 303-310.	1.5	150
7	Generation and Cyclic Remodeling of the Hair Follicle Immune System in Mice. Journal of Investigative Dermatology, 1998, 111, 7-18.	0.7	130
8	Hair cycle-dependent plasticity of skin and hair follicle innervation in normal murine skin. , 1997, 386, 379-395.		127
9	A Murine Model for Inducing and Manipulating Hair Follicle Regression (Catagen): Effects of Dexamethasone and Cyclosporin A. Journal of Investigative Dermatology, 1994, 103, 143-147.	0.7	126
10	miR-137 Inhibits the Invasion of Melanoma Cells through Downregulation of Multiple Oncogenic Target Genes. Journal of Investigative Dermatology, 2013, 133, 768-775.	0.7	126
11	Immune Modulatory microRNAs Involved in Tumor Attack and Tumor Immune Escape. Journal of the National Cancer Institute, 2017, 109, .	6.3	121
12	A simple immunofluorescence technique for simultaneous visualization of mast cells and nerve fibers reveals selectivity and hair cycle - dependent changes in mast cell - nerve fiber contacts in murine skin. Archives of Dermatological Research, 1997, 289, 292-302.	1.9	114
13	Transforming Growth Factor-Î² Receptor Type I and Type II Expression During Murine Hair Follicle Development and Cycling. Journal of Investigative Dermatology, 1997, 109, 518-526.	0.7	113
14	Adenovirus-mediated intralesional interferon-Î³ gene transfer induces tumor regressions in cutaneous lymphomas. Blood, 2004, 104, 1631-1638.	1.4	104
15	Neural Mechanisms of Hair Growth Control. Journal of Investigative Dermatology Symposium Proceedings, 1997, 2, 61-68.	0.8	99
16	Clusters of Perifollicular Macrophages in Normal Murine Skin: Physiological Degeneration of Selected Hair Follicles by Programmed Organ Deletion. Journal of Histochemistry and Cytochemistry, 1998, 46, 361-370.	2.5	95
17	Distribution and changing density of gamma-delta T cells in murine skin during the induced hair cycle. British Journal of Dermatology, 1994, 130, 281-289.	1.5	88
18	Stimulatory effect of octopamine on juvenile hormone biosynthesis in honey bees (Apis mellifera): Physiological and immunocytochemical evidence. Journal of Insect Physiology, 1994, 40, 865-872.	2.0	80

#	ARTICLE	IF	CITATIONS
19	Expression of classical and non-classical MHC class I antigens in murine hair follicles. British Journal of Dermatology, 1994, 131, 177-183.	1.5	73
20	Controlling the Immune Suppressor: Transcription Factors and MicroRNAs Regulating CD73/NT5E. Frontiers in Immunology, 2018, 9, 813.	4.8	68
21	Estimating the activity of transcription factors by the effect on their target genes. Bioinformatics, 2014, 30, i401-i407.	4.1	66
22	miR-339-3p Is a Tumor Suppressor in Melanoma. Cancer Research, 2016, 76, 3562-3571.	0.9	65
23	Keratin 17 Gene Expression during the Murine Hair Cycle. Journal of Investigative Dermatology, 1997, 108, 324-329.	0.7	64
24	MiR-101 inhibits melanoma cell invasion and proliferation by targeting MITF and EZH2. Cancer Letters, 2013, 341, 240-247.	7.2	64
25	Serological detection of cutaneous T-cell lymphoma-associated antigens. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 629-634.	7.1	63
26	Regulation of Gene Expression by Retinoids. Current Medicinal Chemistry, 2011, 18, 1405-1412.	2.4	62
27	MicroRNA-182 promotes leptomeningeal spread of non-sonic hedgehog-medulloblastoma. Acta Neuropathologica, 2012, 123, 529-538.	7.7	60
28	cTAGE: A Cutaneous T Cell Lymphoma Associated Antigen Family with Tumor-Specific Splicing. Journal of Investigative Dermatology, 2003, 121, 198-206.	0.7	52
29	SEREX identification of new tumor antigens linked to melanoma-associated retinopathy. International Journal of Cancer, 2005, 114, 88-93.	5.1	47
30	Photoreceptor proteins as cancer-retina antigens. International Journal of Cancer, 2007, 120, 1268-1276.	5.1	47
31	Cognate Interaction With CD4+ T Cells Instructs Tumor-Associated Macrophages to Acquire M1-Like Phenotype. Frontiers in Immunology, 2019, 10, 219.	4.8	47
32	Cost of decentralized <scp>CAR</scp> Tâ€cell production in an academic nonprofit setting. International Journal of Cancer, 2020, 147, 3438-3445.	5.1	45
33	Recoverin as a cancer-retina antigen. Cancer Immunology, Immunotherapy, 2006, 56, 110-116.	4.2	43
34	miRâ€137 inhibits proliferation of melanoma cells by targeting <scp>PAK</scp>2. Experimental Dermatology, 2015, 24, 947-952.	2.9	42
35	Prospective evaluation of 64 serum autoantibodies as biomarkers for early detection of colorectal cancer in a true screening setting. Oncotarget, 2016, 7, 16420-16432.	1.8	42
36	mRNA expression of tumor-associated antigens in melanoma tissues and cell lines. Experimental Dermatology, 2002, 11, 292-301.	2.9	41

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37	Tumor-specific antigens in cutaneous T-cell lymphoma: Expression and sero-reactivity. International Journal of Cancer, 2003, 104, 482-487.	5.1	41
38	The role of microRNAs in melanoma. European Journal of Cell Biology, 2014, 93, 11-22.	3.6	41
39	A new method for double immunolabelling with primary antibodies from identical species. Journal of Immunological Methods, 1996, 190, 255-265.	1.4	40
40	Phase II Clinical Trial of Intratumoral Application of TG1042 (Adenovirus-interferon-Î³) in Patients With Advanced Cutaneous T-cell Lymphomas and Multilesional Cutaneous B-cell Lymphomas. Molecular Therapy, 2010, 18, 1244-1247.	8.2	38
41	Cancerâ€retina antigens as potential paraneoplastic antigens in melanomaâ€associated retinopathy. International Journal of Cancer, 2009, 124, 140-149.	5.1	37
42	Reprogramming of macrophages employing gene regulatory and metabolic network models. PLoS Computational Biology, 2020, 16, e1007657.	3.2	37
43	GBP-5 Splicing Variants: New Guanylate-Binding Proteins with Tumor-Associated Expression and Antigenicity. Journal of Investigative Dermatology, 2004, 122, 1510-1517.	0.7	35
44	Cytotoxic natural antibodies against human tumours: An option for anti-cancer immunotherapy?. Autoimmunity Reviews, 2008, 7, 491-495.	5.8	35
45	Prognostic significance of spontaneous antibody responses against tumor-associated antigens in malignant melanoma patients. International Journal of Cancer, 2015, 136, 138-151.	5.1	34
46	SOX5 is involved in balanced MITF regulation in human melanoma cells. BMC Medical Genomics, 2016, 9, 10.	1.5	34
47	SEREX identification of new tumour-associated antigens in cutaneous T-cell lymphoma. British Journal of Dermatology, 2004, 150, 252-258.	1.5	32
48	Identification of tumor antigens and T-cell epitopes, and its clinical application. Cancer Immunology, Immunotherapy, 2004, 53, 196-203.	4.2	32
49	Antigen presentation safeguards the integrity of the hematopoietic stem cell pool. Cell Stem Cell, 2022, 29, 760-775.e10.	11.1	29
50	Evaluation of the diagnostic value of 64 simultaneously measured autoantibodies for early detection of gastric cancer. Scientific Reports, 2016, 6, 25467.	3.3	28
51	Neurosecretory cells in the honeybee brain and suboesophageal ganglion show FMRFamide-like immunoreactivity. Journal of Comparative Neurology, 1991, 312, 164-174.	1.6	27
52	Identification and measurement of Î²-endorphin levels in the skin during induced hair growth in mice. Biochimica Et Biophysica Acta - General Subjects, 1997, 1336, 315-322.	2.4	27
53	Identification of selectively expressed genes and antigens in CTCL. Experimental Dermatology, 2008, 17, 324-334.	2.9	27
54	Rare Drosha Splice Variants Are Deficient in MicroRNA Processing but Do Not Affect General MicroRNA Expression in Cancer Cells. Neoplasia, 2012, 14, 238-IN26.	5.3	26

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55	MiR-192, miR-200c and miR-17 are fibroblast-mediated inhibitors of colorectal cancer invasion. Oncotarget, 2018, 9, 35559-35580.	1.8	26
56	Tumor-associated Antigens as Possible Targets for Immune Therapy in Head and Neck Cancer: Comparative mRNA Expression Analysis of RAGE and GAGE Genes. Acta Oto-Laryngologica, 2002, 122, 546-552.	0.9	25
57	Humoral immune response against melanoma antigens induced by vaccination with cytokine gene-modified autologous tumor cells. International Journal of Cancer, 2004, 108, 307-313.	5.1	24
58	Tissue expression and sero-reactivity of tumor-specific antigens in colorectal cancer. Cancer Letters, 2004, 208, 197-206.	7.2	24
59	Sensory neuron development revealed by taurine immunocytochemistry in the honeybee. Journal of Comparative Neurology, 1995, 352, 297-307.	1.6	23
60	Serological analysis of human renal cell carcinoma. International Journal of Cancer, 2006, 118, 2210-2219.	5.1	22
61	Expression of GAGE family proteins in malignant melanoma. Cancer Letters, 2007, 251, 258-267.	7.2	22
62	miR-137 inhibits melanoma cell proliferation through downregulation of GLO1. Science China Life Sciences, 2018, 61, 541-549.	4.9	21
63	miR-193b and miR-30c-1* inhibit, whereas miR-576-5p enhances melanoma cell invasion <i>in vitro</i>. Oncotarget, 2018, 9, 32507-32522.	1.8	21
64	Vitamin A metabolism in benign and malignant melanocytic skin cells: Importance of lecithin/retinol acyltransferase and RPE65. Journal of Cellular Physiology, 2012, 227, 718-728.	4.1	19
65	Multiplex bead-based measurement of humoral immune responses against tumor-associated antigens in stage II melanoma patients of the EORTC18961 trial. OncoImmunology, 2018, 7, e1428157.	4.6	18
66	Generation of murine tumor cell lines deficient in MHC molecule surface expression using the CRISPR/Cas9 system. PLoS ONE, 2017, 12, e0174077.	2.5	16
67	Replication-Competent Foamy Virus Vaccine Vectors as Novel Epitope Scaffolds for Immunotherapy. PLoS ONE, 2015, 10, e0138458.	2.5	16
68	Survivin Blockade Sensitizes Rhabdomyosarcoma Cells for Lysis by Fetal Acetylcholine Receptorâ€"Redirected T Cells. American Journal of Pathology, 2013, 182, 2121-2131.	3.8	15
69	Measles Vaccines Designed for Enhanced CD8+ T Cell Activation. Viruses, 2020, 12, 242.	3.3	15
70	Screening of Human Tumor Antigens for CD4+ T Cell Epitopes by Combination of HLA-Transgenic Mice, Recombinant Adenovirus and Antigen Peptide Libraries. PLoS ONE, 2010, 5, e14137.	2.5	15
71	Seroreactivity against MAGE-A and LAGE-1 proteins in melanoma patients. British Journal of Dermatology, 2003, 149, 282-288.	1.5	13
72	Optimized dendritic cell vaccination induces potent CD8 T cell responses and anti-tumor effects in transgenic mouse melanoma models. OncoImmunology, 2018, 7, e1445457.	4.6	13

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73	Antibody Responses to Cancer Antigens Identify Patients with a Poor Prognosis among HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinoma Patients. Clinical Cancer Research, 2019, 25, 7405-7412.	7.0	13
74	Photon versus carbon ion irradiation: immunomodulatory effects exerted on murine tumor cell lines. Scientific Reports, 2020, 10, 21517.	3.3	13
75	Visible Light Modulates the Expression of Cancer-Retina Antigens. Molecular Cancer Research, 2008, 6, 110-118.	3.4	12
76	Retinal and retinol are potential regulators of gene expression in the keratinocyte cell line HaCaT. Experimental Dermatology, 2011, 20, 373-375.	2.9	12
77	Autoantibodies against the Ca2+-binding protein recoverin in blood sera of patients with various oncological diseases. Oncology Letters, 2012, 3, 377-382.	1.8	12
78	Onconeural Versus Paraneoplastic Antigens?. Current Medicinal Chemistry, 2007, 14, 2489-2494.	2.4	11
79	Immunoscreening of a cutaneous T-cell lymphoma library for plasma membrane proteins. Cancer Immunology, Immunotherapy, 2007, 56, 783-795.	4.2	11
80	Lecithin retinol acyltransferase as a potential prognostic marker for malignant melanoma. Experimental Dermatology, 2013, 22, 757-759.	2.9	11
81	Clinical translation and regulatory aspects of CAR/TCR-based adoptive cell therapiesâ€"the German Cancer Consortium approach. Cancer Immunology, Immunotherapy, 2018, 67, 513-523.	4.2	11
82	Radiation-induced alterations in immunogenicity of a murine pancreatic ductal adenocarcinoma cell line. Scientific Reports, 2020, 10, 686.	3.3	11
83	T-cell Receptor Therapy Targeting Mutant Capicua Transcriptional Repressor in Experimental Gliomas. Clinical Cancer Research, 2022, 28, 378-389.	7.0	11
84	Expression and activity of alcohol and aldehyde dehydrogenases in melanoma cells and in melanocytes. Journal of Cellular Biochemistry, 2012, 113, 792-799.	2.6	9
85	LRAT Overexpression Diminishes Intracellular Levels of Biologically Active Retinoids and Reduces Retinoid Antitumor Efficacy in the Murine Melanoma B16F10 Cell Line. Skin Pharmacology and Physiology, 2015, 28, 205-212.	2.5	9
86	Knockdown of lecithin retinol acyltransferase increases allâ€‹<i>trans</i> retinoic acid levels and restores retinoid sensitivity in malignant melanoma cells. Experimental Dermatology, 2014, 23, 832-837.	2.9	8
87	Patterns of antibody responses to nonviral cancer antigens in head and neck squamous cell carcinoma patients differ by human papillomavirus status. International Journal of Cancer, 2019, 145, 3436-3444.	5.1	8
88	Towards Defining Specific Antigens for Cutaneous Lymphomas. Oncology Research and Treatment, 2002, 25, 448-454.	1.2	7
89	T cell responses in early-stage melanoma patients occur frequently and are not associated with humoral response. Cancer Immunology, Immunotherapy, 2015, 64, 1369-1381.	4.2	6
90	Identification of HLA class I dependent immunogenic peptides from clonotypic TCRÎ² expressed in cutaneous Tâ€cell lymphoma. International Journal of Cancer, 2006, 119, 2476-2480.	5.1	5

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91	Identification of NYâ€BRâ€1â€specific CD4⁺ T cell epitopes using HLAâ€transgenic mice. International Journal of Cancer, 2015, 136, 2588-2597.	5.1	5
92	A universal antiâ€cancer vaccine: Chimeric invariant chain potentiates the inhibition of melanoma progression and the improvement of survival. International Journal of Cancer, 2019, 144, 909-921.	5.1	5
93	Reply to: Comments on â€œCost of decentralized <scp>CAR</scp> T cell production in an academic nonâ€profit settingâ€. International Journal of Cancer, 2021, 148, 516-517.	5.1	4
94	Detergent fractionation with subsequent subtractive suppression hybridization as a tool for identifying genes coding for plasma membrane proteins. Experimental Dermatology, 2009, 18, 527-535.	2.9	3
95	SOX9 is a target of miR-134-3p and miR-224-3p in breast cancer cell lines. Molecular and Cellular Biochemistry, 2023, 478, 305-315.	3.1	3
96	A transplantable tumor model allowing investigation of NY-BR-1-specific T cell responses in HLA-DRB1*0401 transgenic mice. BMC Cancer, 2019, 19, 914.	2.6	1
97	Abstract 1259: Murine HLA-restricted CD4+ T cell lines as source of high affinity TCRs specific for the human breast cancer-associated tumor antigen NY-BR-1.. , 2013, , .		1
98	Corrigendum to Letter to the Editor: Retinal and retinol are potential regulators of gene expression in the keratinocyte cell line HaCaT. Experimental Dermatology, 2011, 20, 375-375.	2.9	0
99	PCN335 COST OF DECENTRALIZED CAR T CELL PRODUCTION: CURRENT STATUS IN A EUROPEAN NON-PROFIT SETTING. Value in Health, 2020, 23, S83.	0.3	0
100	Abstract 3154: Identification of CD4+ T cell epitopes specific for the breast cancer associated antigen NY-BR-1. , 2015, , .		0
101	Abstract 5012: Establishment of a transplantable, NY-BR-1 expressing breast cancer model in HLA-transgenic mice. , 2015, , .		0
102	Abstract 3109: A functional microRNA screening approach that identifies microRNAs affecting melanoma cell invasion. , 2015, , .		0
103	Multiplex bead-based measurement of humoral immune responses against tumor-associated antigens in stage II melanoma patients: Side study of the EORTC 18961 trial.. Journal of Clinical Oncology, 2016, 34, 3032-3032.	1.6	0
104	Abstract A067: Cognate interaction with CD4+ T-cells instructs M2-like macrophages to acquire M1-like phenotype. , 2019, , .		0