Michael Hudecek

List of Publications by Year
in descending order

57 papers	4,525 citations	201674 27 h-index	182427 51 g-index
60 all docs	60 docs citations	60 times ranked	9276 citing authors

#	Article	IF	Citations
1	Ultraviolet-radiation-induced inflammation promotes angiotropism and metastasis in melanoma. Nature, 2014, 507, 109-113.	27.8	547
2	Tumor immunoevasion by the conversion of effector NK cells into type 1 innate lymphoid cells. Nature Immunology, 2017, 18, 1004-1015.	14.5	504
3	The experimental power of FR900359 to study Gq-regulated biological processes. Nature Communications, 2015, 6, 10156.	12.8	282
4	Tissue-resident memory CD8+ T cells promote melanoma–immune equilibrium in skin. Nature, 2019, 565, 366-371.	27.8	266
5	Plasticity of tumour and immune cells: a source of heterogeneity and a cause for therapy resistance?. Nature Reviews Cancer, 2013, 13, 365-376.	28.4	242
6	Immune Cell–Poor Melanomas Benefit from PD-1 Blockade after Targeted Type I IFN Activation. Cancer Discovery, 2014, 4, 674-687.	9.4	226
7	IL-36γ (IL-1F9) Is a Biomarker for Psoriasis Skin Lesions. Journal of Investigative Dermatology, 2015, 135, 1025-1032.	0.7	211
8	Reactive Neutrophil Responses Dependent on the Receptor Tyrosine Kinase c-MET Limit Cancer Immunotherapy. Immunity, 2017, 47, 789-802.e9.	14.3	207
9	NF1 Is a Tumor Suppressor in Neuroblastoma that Determines Retinoic Acid Response and Disease Outcome. Cell, 2010, 142, 218-229.	28.9	190
10	MITF and c-Jun antagonism interconnects melanoma dedifferentiation with pro-inflammatory cytokine responsiveness and myeloid cell recruitment. Nature Communications, 2015, 6, 8755.	12.8	175
11	Targeting CD39 in Cancer Reveals an Extracellular ATP- and Inflammasome-Driven Tumor Immunity. Cancer Discovery, 2019, 9, 1754-1773.	9.4	173
12	MAPK Signaling and Inflammation Link Melanoma Phenotype Switching to Induction of CD73 during Immunotherapy. Cancer Research, 2017, 77, 4697-4709.	0.9	126
13	RNA-seq analysis identifies different transcriptomic types and developmental trajectories of primary melanomas. Oncogene, 2018, 37, 6136-6151.	5.9	91
14	Amplification of N-Myc is associated with a T-cell-poor microenvironment in metastatic neuroblastoma restraining interferon pathway activity and chemokine expression. OncoImmunology, 2017, 6, e1320626.	4.6	89
15	Lineage-Restricted Regulation of SCD and Fatty Acid Saturation by MITF Controls Melanoma Phenotypic Plasticity. Molecular Cell, 2020, 77, 120-137.e9.	9.7	87
16	Targeting Adenosine in BRAF-Mutant Melanoma Reduces Tumor Growth and Metastasis. Cancer Research, 2017, 77, 4684-4696.	0.9	80
17	BATF3 programs CD8+ T cell memory. Nature Immunology, 2020, 21, 1397-1407.	14.5	80
18	CD155 on Tumor Cells Drives Resistance to Immunotherapy by Inducing the Degradation of the Activating Receptor CD226 in CD8+ T Cells. Immunity, 2020, 53, 805-823.e15.	14.3	79

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19	Lipid-Droplet Formation Drives Pathogenic Group 2 Innate Lymphoid Cells in Airway Inflammation. Immunity, 2020, 52, 620-634.e6.	14.3	77
20	*LAG3* (*LAG-3*, *CD223*) DNA methylation correlates with LAG3 expression by tumor and immune cells, immune cell infiltration, and overall survival in clear cell renal cell carcinoma. , 2020, 8, e000552.		70
21	Inflammation-Induced Plasticity in Melanoma Therapy and Metastasis. Trends in Immunology, 2016, 37, 364-374.	6.8	59
22	InÂVivo Labeling by CD73 Marks Multipotent Stromal Cells and Highlights Endothelial Heterogeneity in the Bone Marrow Niche. Cell Stem Cell, 2018, 22, 262-276.e7.	11.1	47
23	LAMP-Seq enables sensitive, multiplexed COVID-19 diagnostics using molecular barcoding. Nature Biotechnology, 2021, 39, 1556-1562.	17.5	46
24	Improved heart repair upon myocardial infarction: Combination of magnetic nanoparticles and tailored magnets strongly increases engraftment of myocytes. Biomaterials, 2018, 155, 176-190.	11.4	45
25	A high-salt diet compromises antibacterial neutrophil responses through hormonal perturbation. Science Translational Medicine, 2020, 12, .	12.4	45
26	A stochastic model for immunotherapy of cancer. Scientific Reports, 2016, 6, 24169.	3.3	42
27	C reactive protein flare predicts response to checkpoint inhibitor treatment in non-small cell lung cancer. , 2022, 10, e004024.		38
28	SMARCE1 suppresses EGFR expression and controls responses to MET and ALK inhibitors in lung cancer. Cell Research, 2015, 25, 445-458.	12.0	36
29	A Preclinical Model of Malignant Peripheral Nerve Sheath Tumor-like Melanoma Is Characterized by Infiltrating Mast Cells. Cancer Research, 2016, 76, 251-263.	0.9	33
30	Tpbpa mediated deletion of Tfap2c leads to deregulation of MAPK, P21, AKT and subsequent placental growth arrest. Development (Cambridge), 2016, 143, 787-98.	2.5	31
31	Directed Dedifferentiation Using Partial Reprogramming Induces Invasive Phenotype in Melanoma Cells. Stem Cells, 2016, 34, 832-846.	3.2	27
32	Adoptive T Cell Therapy Targeting Different Gene Products Reveals Diverse and Context-Dependent Immune Evasion in Melanoma. Immunity, 2020, 53, 564-580.e9.	14.3	27
33	Spleen tyrosine kinase (SYK) is a potential target for the treatment of cutaneous lupus erythematosus patients. Experimental Dermatology, 2016, 25, 375-379.	2.9	26
34	Cultivation of Clear Cell Renal Cell Carcinoma Patient-Derived Organoids in an Air-Liquid Interface System as a Tool for Studying Individualized Therapy. Frontiers in Oncology, 2020, 10, 1775.	2.8	24
35	Functional screening identifies aryl hydrocarbon receptor as suppressor of lung cancer metastasis. Oncogenesis, 2020, 9, 102.	4.9	24
36	Druggable epigenetic suppression of interferon-induced chemokine expression linked to *MYCN* amplification in neuroblastoma. , 2021, 9, e001335.		19

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37	TRIM71 Deficiency Causes Germ Cell Loss During Mouse Embryogenesis and Is Associated With Human Male Infertility. Frontiers in Cell and Developmental Biology, 2021, 9, 658966.	3.7	17
38	Câ€reactive protein flareâ€response predicts longâ€term efficacy to firstâ€line antiâ€PDâ€1â€based combination therapy in metastatic renal cell carcinoma. Clinical and Translational Immunology, 2021, 10, e1358.	3.8	15
39	C-reactive protein flare predicts response to anti-PD-(L)1 immune checkpoint blockade in metastatic urothelial carcinoma. European Journal of Cancer, 2022, 167, 13-22.	2.8	15
40	RAS and PD-L1: A Mastersâ€™ Liaison in Cancer Immune Evasion. Immunity, 2017, 47, 1007-1009.	14.3	13
41	The <scp>MITF</scp> regulatory network in melanoma. Pigment Cell and Melanoma Research, 2022, 35, 517-533.	3.3	11
42	FORGE: A Novel Scoring System to Predict the MIB-1 Labeling Index in Intracranial Meningiomas. Cancers, 2021, 13, 3643.	3.7	10
43	Abscopal Effects in Metastatic Cancer: Is a Predictive Approach Possible to Improve Individual Outcomes?. Journal of Clinical Medicine, 2021, 10, 5124.	2.4	10
44	Proliferative Potential, and Inflammatory Tumor Microenvironment in Meningioma Correlate with Neurological Function at Presentation and Anatomical Locationâ€"From Convexity to Skull Base and Spine. Cancers, 2022, 14, 1033.	3.7	9
45	Downstream neighbor of SON (DONSON) is associated with unfavorable survival across diverse cancers with oncogenic properties in clear cell renal cell carcinoma. Translational Oncology, 2020, 13, 100844.	3.7	8
46	Downstream Neighbor of SON (DONSON) Expression Is Enhanced in Phenotypically Aggressive Prostate Cancers. Cancers, 2020, 12, 3439.	3.7	7
47	Joint reconstruction and classification of tumor cells and cell interactions in melanoma tissue sections with synthesized training data. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 587-599.	2.8	6
48	CD103+ Tissue Resident T-Lymphocytes Accumulate in Lung Metastases and Are Correlated with Poor Prognosis in ccRCC. Cancers, 2022, 14, 1541.	3.7	6
49	Comparison of First-Line Anti-PD-1-Based Combination Therapies in Metastatic Renal-Cell Carcinoma: Real-World Experiences from a Retrospective, Multi-Institutional Cohort. Urologia Internationalis, 2022, 106, 1150-1157.	1.3	5
50	Combining FORGE Score and Histopathological Diagnostic Criteria of Atypical Meningioma Enables Risk Stratification of Tumor Progression. Diagnostics, 2021, 11, 2011.	2.6	3
51	Inflammatory Tumor Microenvironment in Cranial Meningiomas: Clinical Implications and Intraindividual Reproducibility. Diagnostics, 2022, 12, 853.	2.6	3
52	Not Sweet: Glucocorticoids from Intratumoral Myeloid Cells Disable T Cells. Immunity, 2020, 53, 476-478.	14.3	1
53	CRISPitope: A generic platform to model target antigens for adoptive TÂcell transfer therapy in mouse tumor models. STAR Protocols, 2022, 3, 101038.	1.2	1
54	Radiotherapy and olaptesed pegol (NOX-A12) in partially resected or biopsy-only MGMT-unmethylated glioblastoma: Interim data from the German multicenter phase 1/2 GLORIA trial.. Journal of Clinical Oncology, 2022, 40, 2050-2050.	1.6	1

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55	A pan-cancer fingerprint: common molecular denominators of the human tumor microenvironment. Signal Transduction and Targeted Therapy, 2021, 6, 394.	17.1	0
56	CTNI-43. CXCL12 INHIBITION IN MGMT UNMETHYLATED GLIOBLASTOMA â€" RESULTS OF AN EARLY PROOF-OF-CONCEPT ASSESSMENT IN THE MULTICENTRIC PHASE I/II GLORIA TRIAL (NCT04121455). Neuro-Oncology, 2021, 23, vi69-vi69.	1.2	0
57	Abstract 2487: Distinct venous brain vessels provide structures for T lymphocyte recruitment to brain tumors in mouse models of intracranial melanoma. Cancer Research, 2022, 82, 2487-2487.	0.9	0