Markus Chmielewski

List of Publications by Year
in descending order

33 papers	3,558 citations	257429 24 h-index	454934 30 g-index
33 all docs	33 docs citations	33 times ranked	4170 citing authors

#	Article	IF	Citations
1	IL12 integrated into the CAR exodomain converts CD8+ TÂcells to poly-functional NK-like cells with superior killing of antigen-loss tumors. Molecular Therapy, 2022, 30, 593-605.	8.2	18
2	CXCR5 CAR-T cells simultaneously target B cell non-Hodgkinâ€™s lymphoma and tumor-supportive follicular T helper cells. Nature Communications, 2021, 12, 240.	12.8	28
3	TRUCKS, the fourthâ€generation CAR T cells: Current developments and clinical translation. Advances in Cell and Gene Therapy, 2020, 3, e84.	0.9	85
4	FimH-based display of functional eukaryotic proteins on bacteria surfaces. Scientific Reports, 2019, 9, 8410.	3.3	3
5	Depletion of Collagen IX Alpha1 Impairs Myeloid Cell Function. Stem Cells, 2018, 36, 1752-1763.	3.2	10
6	CAR T Cells with Enhanced Sensitivity to B Cell Maturation Antigen for the Targeting of B Cell Non-Hodgkinâ€™s Lymphoma and Multiple Myeloma. Molecular Therapy, 2018, 26, 1906-1920.	8.2	38
7	TRUCKs with IL-18 payload: Toward shaping the immune landscape for a more efficacious CAR T-cell therapy of solid cancer. Advances in Cell and Gene Therapy, 2018, 1, e7.	0.9	11
8	CAR T Cells Releasing IL-18 Convert to T-Bethigh FoxO1low Effectors that Exhibit Augmented Activity against Advanced Solid Tumors. Cell Reports, 2017, 21, 3205-3219.	6.4	282
9	Chimeric Antigen Receptor-Redirected Regulatory T Cells Suppress Experimental Allergic Airway Inflammation, a Model of Asthma. Frontiers in Immunology, 2017, 8, 1125.	4.8	66
10	Superior Therapeutic Index in Lymphoma Therapy: CD30+ CD34+ Hematopoietic Stem Cells Resist a Chimeric Antigen Receptor T-cell Attack. Molecular Therapy, 2016, 24, 1423-1434.	8.2	62
11	Coexpressed Catalase Protects Chimeric Antigen Receptorâ€“Redirected T Cells as well as Bystander Cells from Oxidative Stressâ€“Induced Loss of Antitumor Activity. Journal of Immunology, 2016, 196, 759-766.	0.8	164
12	TRUCKs: the fourth generation of CARs. Expert Opinion on Biological Therapy, 2015, 15, 1145-1154.	3.1	473
13	Selective Bispecific T Cell Recruiting Antibody and Antitumor Activity of Adoptive T Cell Transfer. Journal of the National Cancer Institute, 2015, 107, 364.	6.3	34
14	Of <scp>CAR</scp>s and <scp>TRUCK</scp>s: chimeric antigen receptor (<scp>CAR</scp>) T cells engineered with an inducible cytokine to modulate the tumor stroma. Immunological Reviews, 2014, 257, 83-90.	6.0	275
15	Efficacy of CAR T-cell Therapy in Large Tumors Relies upon Stromal Targeting by IFNÎ³. Cancer Research, 2014, 74, 6796-6805.	0.9	70
16	Adoptive Immunotherapy with Redirected T Cells Produces CCR7^{â^'}Cells That Are Trapped in the Periphery and Benefit from Combined CD28-OX40 Costimulation. Human Gene Therapy, 2013, 24, 259-269.	2.7	49
17	T Cells Expressing a Chimeric Antigen Receptor That Binds Hepatitis BÂVirus Envelope Proteins Control Virus Replication in Mice. Gastroenterology, 2013, 145, 456-465.	1.3	180
18	Antigen-Specific T-Cell Activation Independently of the MHC: Chimeric Antigen Receptor-Redirected T Cells. Frontiers in Immunology, 2013, 4, 371.	4.8	115

#	Article	IF	Citations
19	CAR's made it to the pancreas. OncoImmunology, 2012, 1, 1387-1389.	4.6	1
20	OX40 costimulation by a chimeric antigen receptor abrogates CD28 and IL-2 induced IL-10 secretion by redirected CD4⁺T cells. OncoImmunology, 2012, 1, 458-466.	4.6	159
21	Depletion of annexin A5, annexin A6, and collagen X causes no gross changes in matrix vesicleâ€“mediated mineralization, but lack of collagen X affects hematopoiesis and the Th1/Th2 response. Journal of Bone and Mineral Research, 2012, 27, 2399-2412.	2.8	34
22	CAR T cells transform to trucks: chimeric antigen receptorâ€“redirected T cells engineered to deliver inducible IL-12 modulate the tumour stroma to combat cancer. Cancer Immunology, Immunotherapy, 2012, 61, 1269-1277.	4.2	99
23	Chimeric Antigen Receptors for T-Cell Based Therapy. Methods in Molecular Biology, 2012, 907, 645-666.	0.9	33
24	T Cells That Target Carcinoembryonic Antigen Eradicate Orthotopic Pancreatic Carcinomas Without Inducing Autoimmune Colitis in Mice. Gastroenterology, 2012, 143, 1095-1107.e2.	1.3	113
25	Redirected T Cells That Target Pancreatic Adenocarcinoma Antigens Eliminate Tumors and Metastases in Mice. Gastroenterology, 2012, 143, 1375-1384.e5.	1.3	82
26	IL-12 Release by Engineered T Cells Expressing Chimeric Antigen Receptors Can Effectively Muster an Antigen-Independent Macrophage Response on Tumor Cells That Have Shut Down Tumor Antigen Expression. Cancer Research, 2011, 71, 5697-5706.	0.9	417
27	CD28 Costimulation Impairs the Efficacy of a Redirected T-cell Antitumor Attack in the Presence of Regulatory T cells Which Can Be Overcome by Preventing Lck Activation. Molecular Therapy, 2011, 19, 760-767.	8.2	106
28	Clinical Scale Central Memory T Cell Enrichment for Adoptive T Cell Therapy. Blood, 2010, 116, 5180-5180.	1.4	0
29	CD28 Costimulation of Effector T Cells During An Anti-Tumor Attack Sustains Its Repression by Regulatory T Cells Which Can Be Overcome by Preventing Lck Activation.. Blood, 2009, 114, 3569-3569.	1.4	0
30	T Cells Redirected Against Hepatitis B Virus Surface Proteins Eliminate Infected Hepatocytes. Gastroenterology, 2008, 134, 239-247.	1.3	137
31	Engineering antigen-specific primary human NK cells against HER-2 positive carcinomas. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17481-17486.	7.1	177
32	Impact of Regulatory T Cells on Antigen Specific T Cell Response Using Recombinant Chimeric T Cell Receptors In Vivo.. Blood, 2006, 108, 5475-5475.	1.4	0
33	T Cell Activation by Antibody-Like Immunoreceptors: Increase in Affinity of the Single-Chain Fragment Domain above Threshold Does Not Increase T Cell Activation against Antigen-Positive Target Cells but Decreases Selectivity. Journal of Immunology, 2004, 173, 7647-7653.	0.8	237