

Martijn H Den Brok

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,615
citations

471061

17
h-index

676716

22
g-index

24
all docs

24
docs citations

24
times ranked

2784
citing authors

#	ARTICLE	IF	CITATIONS
1	Sialic Acids Sweeten a Tumor's Life. <i>Cancer Research</i> , 2014, 74, 3199-3204.	0.4	373
2	Thermal and mechanical high-intensity focused ultrasound: perspectives on tumor ablation, immune effects and combination strategies. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 247-258.	2.0	186
3	Sialic Acid Blockade Suppresses Tumor Growth by Enhancing T-cell-Mediated Tumor Immunity. <i>Cancer Research</i> , 2018, 78, 3574-3588.	0.4	168
4	Lipid Droplets as Immune Modulators in Myeloid Cells. <i>Trends in Immunology</i> , 2018, 39, 380-392.	2.9	138
5	Mechanical High-Intensity Focused Ultrasound Destruction of Soft Tissue: Working Mechanisms and Physiologic Effects. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 1500-1517.	0.7	103
6	Immune Adjuvant Efficacy of CpG Oligonucleotide in Cancer Treatment Is Founded Specifically upon TLR9 Function in Plasmacytoid Dendritic Cells. <i>Cancer Research</i> , 2011, 71, 6428-6437.	0.4	99
7	Saponin-based adjuvants induce cross-presentation in dendritic cells by intracellular lipid body formation. <i>Nature Communications</i> , 2016, 7, 13324.	5.8	95
8	Sweet escape: Sialic acids in tumor immune evasion. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1846, 238-246.	3.3	94
9	Immunotherapy and the Interventional Oncologist: Challenges and Opportunities—A Society of Interventional Oncology White Paper. <i>Radiology</i> , 2019, 292, 25-34.	3.6	57
10	<i>In vivo</i> Colocalization of Antigen and CpG within Dendritic Cells Is Associated with the Efficacy of Cancer Immunotherapy. <i>Cancer Research</i> , 2008, 68, 5390-5396.	0.4	55
11	Anti-GD2 mAb and Vorinostat synergize in the treatment of neuroblastoma. <i>Oncolmmunology</i> , 2016, 5, e1164919.	2.1	45
12	Steering Siglec-Sialic Acid Interactions on Living Cells using Bioorthogonal Chemistry. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3309-3313.	7.2	38
13	Saponin-based adjuvants create a highly effective anti-tumor vaccine when combined with in situ tumor destruction. <i>Vaccine</i> , 2012, 30, 737-744.	1.7	31
14	Metabolic sialic acid blockade lowers the activation threshold of moDCs for TLR stimulation. <i>Immunology and Cell Biology</i> , 2017, 95, 408-415.	1.0	28
15	<i>In vivo</i> MR guided boiling histotripsy in a mouse tumor model evaluated by MRI and histopathology. <i>NMR in Biomedicine</i> , 2016, 29, 721-731.	1.6	25
16	Development of a high-field MR-guided HIFU setup for thermal and mechanical ablation methods in small animals. <i>Journal of Therapeutic Ultrasound</i> , 2015, 3, 14.	2.2	20
17	Combined sialic acid and histone deacetylase (HDAC) inhibitor treatment up-regulates the neuroblastoma antigen GD2. <i>Journal of Biological Chemistry</i> , 2019, 294, 4437-4449.	1.6	20
18	Impact of MR-guided boiling histotripsy in distinct murine tumor models. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 1-8.	3.8	9

#	ARTICLE	IF	CITATIONS
19	Tumor ablation plus co-administration of CpG and saponin adjuvants affects IL-1 production and multifunctional T cell numbers in tumor draining lymph nodes. , 2020, 8, e000649.		9
20	Saponin-based adjuvant-induced dendritic cell cross-presentation is dependent on PERK activation. Cellular and Molecular Life Sciences, 2022, 79, 231.	2.4	9
21	In vivo photoacoustics and high frequency ultrasound imaging of mechanical high intensity focused ultrasound (HIFU) ablation. Biomedical Optics Express, 2017, 8, 2235.	1.5	8
22	Reconstruction of nonlinear ultrasound field of an annular therapeutic array from acoustic holograms of its individual elements. Proceedings of Meetings on Acoustics, 2017, 32, .	0.3	3
23	Notice of Removal: Photoacoustic and high frequency ultrasound imaging of mechanical and thermal HIFU ablation. , 2017, , .		1