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List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,806
citations

394421

19
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

4302
citing authors

#	ARTICLE	IF	CITATIONS
1	CAR T Cells Targeting B7-H3, a Pan-Cancer Antigen, Demonstrate Potent Preclinical Activity Against Pediatric Solid Tumors and Brain Tumors. <i>Clinical Cancer Research</i> , 2019, 25, 2560-2574.	7.0	369
2	Potent antitumor efficacy of anti-GD2 CAR T cells in H3-K27M+ diffuse midline gliomas. <i>Nature Medicine</i> , 2018, 24, 572-579.	30.7	321
3	Transient rest restores functionality in exhausted CAR-T cells through epigenetic remodeling. <i>Science</i> , 2021, 372, .	12.6	297
4	Tuning the Antigen Density Requirement for CAR T-cell Activity. <i>Cancer Discovery</i> , 2020, 10, 702-723.	9.4	296
5	Programming CAR-T cells to kill cancer. <i>Nature Biomedical Engineering</i> , 2018, 2, 377-391.	22.5	267
6	Nucleic acid aptamers in cancer research, diagnosis and therapy. <i>Chemical Society Reviews</i> , 2015, 44, 1240-1256.	38.1	217
7	Locoregionally administered B7-H3-targeted CAR T cells for treatment of atypical teratoid/rhabdoid tumors. <i>Nature Medicine</i> , 2020, 26, 712-719.	30.7	172
8	Novel NanoLuc substrates enable bright two-population bioluminescence imaging in animals. <i>Nature Methods</i> , 2020, 17, 852-860.	19.0	123
9	High-throughput screening technologies for enzyme engineering. <i>Current Opinion in Biotechnology</i> , 2017, 48, 196-202.	6.6	99
10	Enhanced safety and efficacy of protease-regulated CAR-T cell receptors. <i>Cell</i> , 2022, 185, 1745-1763.e22.	28.9	88
11	Engineering cell sensing and responses using a GPCR-coupled CRISPR-Cas system. <i>Nature Communications</i> , 2017, 8, 2212.	12.8	81
12	Global analysis of shared T cell specificities in human non-small cell lung cancer enables HLA inference and antigen discovery. <i>Immunity</i> , 2021, 54, 586-602.e8.	14.3	80
13	Delivery of CAR-T cells in a transient injectable stimulatory hydrogel niche improves treatment of solid tumors. <i>Science Advances</i> , 2022, 8, eabn8264.	10.3	80
14	Rapid bacterial detection and antibiotic susceptibility testing in whole blood using one-step, high throughput blood digital PCR. <i>Lab on A Chip</i> , 2020, 20, 477-489.	6.0	75
15	Digital quantification of miRNA directly in plasma using integrated comprehensive droplet digital detection. <i>Lab on A Chip</i> , 2015, 15, 4217-4226.	6.0	64
16	Floating Droplet Array: An Ultrahigh-Throughput Device for Droplet Trapping, Real-time Analysis and Recovery. <i>Micromachines</i> , 2015, 6, 1469-1482.	2.9	46
17	An engineered antibody binds a distinct epitope and is a potent inhibitor of murine and human VISTA. <i>Scientific Reports</i> , 2020, 10, 15171.	3.3	33
18	CD58 Aberrations Limit Durable Responses to CD19 CAR in Large B Cell Lymphoma Patients Treated with Axicabtagene Ciloleucel but Can be Overcome through Novel CAR Engineering. <i>Blood</i> , 2020, 136, 53-54.	1.4	28

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19	PET Reporter Gene Imaging and Ganciclovir-Mediated Ablation of Chimeric Antigen Receptor T Cells in Solid Tumors. <i>Cancer Research</i> , 2020, 80, 4731-4740.	0.9	24
20	An engineered ligand trap inhibits leukemia inhibitory factor as pancreatic cancer treatment strategy. <i>Communications Biology</i> , 2021, 4, 452.	4.4	15
21	Live imaging of Aiptasia larvae, a model system for coral and anemone bleaching, using a simple microfluidic device. <i>Scientific Reports</i> , 2019, 9, 9275.	3.3	10
22	Low CD19 Antigen Density Diminishes Efficacy of CD19 CAR T Cells and Can be Overcome By Rational Redesign of CAR Signaling Domains. <i>Blood</i> , 2018, 132, 963-963.	1.4	10
23	Rapid Detection of β -Lactamase-Producing Bacteria Using the Integrated Comprehensive Droplet Digital Detection (IC 3D) System. <i>Sensors</i> , 2020, 20, 4667.	3.8	7