

Jie Sun

List of Publications by Year in descending order

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31
papers

1,185
citations

759233

12
h-index

454955

30
g-index

37
all docs

37
docs citations

37
times ranked

1963
citing authors

#	ARTICLE	IF	CITATIONS
1	Calibration of CAR activation potential directs alternative T cell fates and therapeutic potency. <i>Nature Medicine</i> , 2019, 25, 82-88.	30.7	329
2	Mechanogenetics for the remote and noninvasive control of cancer immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 992-997.	7.1	181
3	Genetically engineered T cells for cancer immunotherapy. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 35.	17.1	153
4	Mechano-regulation of Peptide-MHC Class I Conformations Determines TCR Antigen Recognition. <i>Molecular Cell</i> , 2019, 73, 1015-1027.e7.	9.7	95
5	Multiple Signaling Roles of CD3 ζ and Its Application in CAR-T Cell Therapy. <i>Cell</i> , 2020, 182, 855-871.e23.	28.9	91
6	Scattered seeding of CAR T cells in solid tumors augments anticancer efficacy. <i>National Science Review</i> , 2022, 9, nwab172.	9.5	57
7	A single-cell survey of cellular hierarchy in acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2020, 13, 128.	17.0	45
8	Tuning the ignition of CAR: optimizing the affinity of scFv to improve CAR-T therapy. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 14.	5.4	27
9	Hyperthermia Selectively Destabilizes Oncogenic Fusion Proteins. <i>Blood Cancer Discovery</i> , 2021, 2, 388-401.	5.0	26
10	Cas9 α -Cleavage Sequences in Size α -Reduced Plasmids Enhance Nonviral Genome Targeting of CARs in Primary Human T Cells. <i>Small Methods</i> , 2021, 5, e2100071.	8.6	20
11	A FRET-Based Biosensor for Imaging SYK Activities in Living Cells. <i>Cellular and Molecular Bioengineering</i> , 2011, 4, 670-677.	2.1	15
12	Imaging Spatiotemporal Activities of ZAP-70 in Live T Cells Using a FRET-Based Biosensor. <i>Annals of Biomedical Engineering</i> , 2016, 44, 3510-3521.	2.5	14
13	Structural insights into Ras regulation by SIN1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2119990119.	7.1	14
14	The regulation of β -adrenergic receptor-mediated PKA activation by substrate stiffness via microtubule dynamics in human MSCs. <i>Biomaterials</i> , 2014, 35, 8348-8356.	11.4	13
15	The quest for spatio-temporal control of CAR T cells. <i>Cell Research</i> , 2015, 25, 1281-1282.	12.0	13
16	Electroacupuncture Improves Cerebral Vasospasm and Functional Outcome of Patients With Aneurysmal Subarachnoid Hemorrhage. <i>Frontiers in Neuroscience</i> , 2018, 12, 724.	2.8	10
17	Integration of FRET and sequencing to engineer kinase biosensors from mammalian cell libraries. <i>Nature Communications</i> , 2021, 12, 5031.	12.8	10
18	Engineering Cytoplasmic Signaling of CD28 α CARs for Improved Therapeutic Functions. <i>Frontiers in Immunology</i> , 2020, 11, 1046.	4.8	9

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19	Biological Effects and Mechanisms of Caspases in Early Brain Injury after Subarachnoid Hemorrhage. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	4.0	8
20	Visualizing Spatiotemporal Dynamics of Intercellular Mechanotransmission upon Wounding. <i>ACS Photonics</i> , 2018, 5, 3565-3574.	6.6	7
21	Exploiting Ca ²⁺ signaling in T cells to advance cancer immunotherapy. <i>Seminars in Immunology</i> , 2020, 49, 101434.	5.6	7
22	Maintenance sorafenib is superior to prophylactic donor lymphocyte infusion at improving the prognosis of acute myeloid leukemia with FMS-like tyrosine kinase 3 internal tandem duplication after allogeneic hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2021, 56, 293-296.	2.4	6
23	Opioid receptor signaling suppresses leukemia through both catalytic and non-catalytic functions of TET2. <i>Cell Reports</i> , 2022, 38, 110253.	6.4	6
24	Tobacco Smoking Increases Methylation of Polypyrimidine Tract Binding Protein 1 Promoter in Intracranial Aneurysms. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 688179.	3.4	5
25	A Pilot Prospective Single-Arm Clinical Study on Decitabine Plus CAG or IA Followed with HLA-Mismatched Nonmyeloablative Transplantation (micro transplantation) on De Novo Elderly Acute Myeloid Leukemia and Int-2/High Risk Myelodysplastic Syndrome Patients. <i>Blood</i> , 2018, 132, 2188-2188.	1.4	4
26	Inhibition of RIPK1 by ZJU-37 promotes oligodendrocyte progenitor proliferation and remyelination via NF- κ B pathway. <i>Cell Death Discovery</i> , 2022, 8, 147.	4.7	4
27	Methylation of Phospholipase A2 Group VII Gene Is Associated with Brain Arteriovenous Malformations in Han Chinese Populations. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1056-1063.	2.3	3
28	Inflammation-related genes S100s, RNASE3, and CYBB and risk of leukemic transformation in patients with myelodysplastic syndrome with myelofibrosis. <i>Biomarker Research</i> , 2021, 9, 53.	6.8	3
29	Non-Ablative Chemotherapy Followed by HLA-Mismatched Allogeneic CD3+ T-Cells Infusion Causes An Augment of T-Cells With Mild CRS: A Multi-Centers Single-Arm Prospective Study on Elderly Acute Myeloid Leukemia and int-2/High Risk Myelodysplastic Syndrome Patients. <i>Frontiers in Oncology</i> , 2021, 11, 741341.	2.8	0
30	Evaluation the Risk Factor of Transplantation-Associated Thrombotic Microangiopathy.. <i>Blood</i> , 2010, 116, 4527-4527.	1.4	0
31	Signaling Dynamics of TSHR-Specific CAR-T Cells Revealed by FRET-Based Biosensors. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 845319.	3.7	0