Yong-Chen Lu

List of Publications by Year
in descending order

39 papers	9,646 citations	257101 24 h-index	395343 33 g-index
41 all docs	41 docs citations	41 times ranked	13161 citing authors

#	Article	IF	Citations
1	LPS/TLR4 signal transduction pathway. Cytokine, 2008, 42, 145-151.	1.4	2,424
2	Cancer Immunotherapy Based on Mutation-Specific CD4+ T Cells in a Patient with Epithelial Cancer. Science, 2014, 344, 641-645.	6.0	1,460
3	T-Cell Transfer Therapy Targeting Mutant KRAS in Cancer. New England Journal of Medicine, 2016, 375, 2255-2262.	13.9	1,033
4	Mining exomic sequencing data to identify mutated antigens recognized by adoptively transferred tumor-reactive T cells. Nature Medicine, 2013, 19, 747-752.	15.2	979
5	Immunogenicity of somatic mutations in human gastrointestinal cancers. Science, 2015, 350, 1387-1390.	6.0	639
6	Immune recognition of somatic mutations leading to complete durable regression in metastatic breast cancer. Nature Medicine, 2018, 24, 724-730.	15.2	637
7	Efficient Identification of Mutated Cancer Antigens Recognized by T Cells Associated with Durable Tumor Regressions. Clinical Cancer Research, 2014, 20, 3401-3410.	3.2	364
8	Pilot Trial of Adoptive Transfer of Chimeric Antigen Receptorâ€“transduced T Cells Targeting EGFRvIII in Patients With Glioblastoma. Journal of Immunotherapy, 2019, 42, 126-135.	1.2	231
9	C5L2 is critical for the biological activities of the anaphylatoxins C5a and C3a. Nature, 2007, 446, 203-207.	13.7	224
10	Treatment of Patients With Metastatic Cancer Using a Major Histocompatibility Complex Class Iiâ€“Restricted T-Cell Receptor Targeting the Cancer Germline Antigen MAGE-A3. Journal of Clinical Oncology, 2017, 35, 3322-3329.	0.8	204
11	Cancer immunotherapy targeting neoantigens. Seminars in Immunology, 2016, 28, 22-27.	2.7	199
12	Levels of peripheral CD4+FoxP3+ regulatory T cells are negatively associated with clinical response to adoptive immunotherapy of human cancer. Blood, 2012, 119, 5688-5696.	0.6	176
13	Molecular signatures of antitumor neoantigen-reactive T cells from metastatic human cancers. Science, 2022, 375, 877-884.	6.0	156
14	Mutated PPP1R3B Is Recognized by T Cells Used To Treat a Melanoma Patient Who Experienced a Durable Complete Tumor Regression. Journal of Immunology, 2013, 190, 6034-6042.	0.4	145
15	Memory T cells targeting oncogenic mutations detected in peripheral blood of epithelial cancer patients. Nature Communications, 2019, 10, 449.	5.8	118
16	Immunologic Recognition of a Shared p53 Mutated Neoantigen in a Patient with Metastatic Colorectal Cancer. Cancer Immunology Research, 2019, 7, 534-543.	1.6	100
17	Differential Role for c-Rel and C/EBPÎ²/Î´ in TLR-Mediated Induction of Proinflammatory Cytokines. Journal of Immunology, 2009, 182, 7212-7221.	0.4	94
18	An Efficient Single-Cell RNA-Seq Approach to Identify Neoantigen-Specific T Cell Receptors. Molecular Therapy, 2018, 26, 379-389.	3.7	78

#	Article	IF	Citations
19	Adoptive Cellular Therapy with Autologous Tumor-Infiltrating Lymphocytes and T-cell Receptorâ€"Engineered T Cells Targeting Common p53 Neoantigens in Human Solid Tumors. Cancer Immunology Research, 2022, 10, 932-946.	1.6	52
20	Crucial role for TNF receptor-associated factor 2 (TRAF2) in regulating NFÎºB2 signaling that contributes to autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18354-18359.	3.3	42
21	Targeting neoantigens for cancer immunotherapy: Table 1.. International Immunology, 2016, 28, 365-370.	1.8	42
22	Single-Cell Transcriptome Analysis Reveals Gene Signatures Associated with T-cell Persistence Following Adoptive Cell Therapy. Cancer Immunology Research, 2019, 7, 1824-1836.	1.6	40
23	Identification of Neoantigen-Reactive Tumor-Infiltrating Lymphocytes in Primary Bladder Cancer. Journal of Immunology, 2019, 202, 3458-3467.	0.4	36
24	Direct identification of neoantigen-specific TCRs from tumor specimens by high-throughput single-cell sequencing. , 2021, 9, e002595.		31
25	Isolation and Characterization of an HLA-DPB1*04:01-restricted MAGE-A3 T-Cell Receptor for Cancer Immunotherapy. Journal of Immunotherapy, 2016, 39, 191-201.	1.2	27
26	Characterization of an Immunogenic Mutation in a Patient with Metastatic Triple-Negative Breast Cancer. Clinical Cancer Research, 2017, 23, 4347-4353.	3.2	26
27	Liquid Biopsy in Hepatocellular Carcinoma: Opportunities and Challenges for Immunotherapy. Cancers, 2021, 13, 4334.	1.7	20
28	Single-Cell TCR and Transcriptome Analysis: An Indispensable Tool for Studying T-Cell Biology and Cancer Immunotherapy. Frontiers in Immunology, 2021, 12, 689091.	2.2	16
29	Identification of neoantigen-reactive T lymphocytes in the peripheral blood of a patient with glioblastoma. , 2021, 9, e002882.		13
30	The hepatitis B virus e antigen suppresses the respiratory burst and mobility of human monocytes and neutrophils. Immunobiology, 2014, 219, 880-887.	0.8	10
31	câ€Rel phenocopies PKCÎ¸ but not Bclâ€10 in regulating CD8⁺ Tâ€cell activation versus tolerance. European Journal of Immunology, 2010, 40, 867-877.	1.6	9
32	Expansion of Human Papillomavirus-Specific T Cells in Periphery and Cervix in a Therapeutic Vaccine Recipient Whose Cervical High-Grade Squamous Intraepithelial Lesion Regressed. Frontiers in Immunology, 2021, 12, 645299.	2.2	9
33	Harnessing the power of the immune system in cancer immunotherapy and cancer prevention. Molecular Carcinogenesis, 2020, 59, 675-678.	1.3	5
34	Neoantigen-Reactive T Cells: The Driving Force behind Successful Melanoma Immunotherapy. Cancers, 2021, 13, 6061.	1.7	5
35	Oral Shedding of an Oncogenic Virus Alters the Oral Microbiome in HIV+ Patients. Frontiers in Microbiology, 2022, 13, 882520.	1.5	1
36	Abstract CT003: A phase I study of an HLA-DPB1*0401-restricted T-cell receptor targeting MAGE-A3 for patients with metastatic cancer. , 2016, , .		0

#	Article	IF	Citations
37	Abstract 4982: Regression of metastatic breast cancer after adoptive cell transfer of tumor infiltrating lymphocytes and checkpoint blockade. , 2017, , .		0
38	Immunology of Melanoma. , 2019, , 1-32.		0
39	Immunology of Melanoma. , 2020, , 41-72.		0