Eric Song

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Longitudinal analyses reveal immunological misfiring in severe COVID-19. Nature, 2020, 584, 463-469.	27.8	1,710
2	Sex differences in immune responses that underlie COVID-19 disease outcomes. Nature, 2020, 588, 315-320.	27.8	1,035
3	Saliva or Nasopharyngeal Swab Specimens for Detection of SARS-CoV-2. New England Journal of Medicine, 2020, 383, 1283-1286.	27.0	823
4	Neuroinvasion of SARS-CoV-2 in human and mouse brain. Journal of Experimental Medicine, 2021, 218, .	8.5	677
5	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 RT–qPCR primer–probe sets. Nature Microbiology, 2020, 5, 1299-1305.	13.3	661
6	Diverse functional autoantibodies in patients with COVID-19. Nature, 2021, 595, 283-288.	27.8	619
7	Mouse model of SARS-CoV-2 reveals inflammatory role of type I interferon signaling. Journal of Experimental Medicine, 2020, 217, .	8.5	357
8	VEGF-C-driven lymphatic drainage enables immunosurveillance of brain tumours. Nature, 2020, 577, 689-694.	27.8	321
9	Mild respiratory COVID can cause multi-lineage neural cell and myelin dysregulation. Cell, 2022, 185, 2452-2468.e16.	28.9	237
10	Low ambient humidity impairs barrier function and innate resistance against influenza infection. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10905-10910.	7.1	235
11	Delayed production of neutralizing antibodies correlates with fatal COVID-19. Nature Medicine, 2021, 27, 1178-1186.	30.7	183
12	Adaptive immune determinants of viral clearance and protection in mouse models of SARS-CoV-2. Science Immunology, 2021, 6, eabl4509.	11.9	141
13	ERVmap analysis reveals genome-wide transcription of human endogenous retroviruses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12565-12572.	7.1	134
14	In utero nanoparticle delivery for site-specific genome editing. Nature Communications, 2018, 9, 2481.	12.8	124
15	Maternal respiratory SARS-CoV-2 infection in pregnancy is associated with a robust inflammatory response at the maternal-fetal interface. Med, 2021, 2, 591-610.e10.	4.4	122
16	Divergent and self-reactive immune responses in the CNS of COVID-19 patients with neurological symptoms. Cell Reports Medicine, 2021, 2, 100288.	6.5	121
17	KDM5B promotes immune evasion by recruiting SETDB1 to silence retroelements. Nature, 2021, 598, 682-687.	27.8	117
18	Nanoparticle targeting to the endothelium during normothermic machine perfusion of human kidneys. Science Translational Medicine, 2017, 9, .	12.4	104

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19	Anatomy and function of the vertebral column lymphatic network in mice. Nature Communications, 2019, 10, 4594.	12.8	80
20	Surface chemistry governs cellular tropism of nanoparticles in the brain. Nature Communications, 2017, 8, 15322.	12.8	77
21	Migrant memory B cells secrete luminal antibody in the vagina. Nature, 2019, 571, 122-126.	27.8	77
22	Nanoparticle-mediated intratumoral inhibition of miR-21 for improved survival in glioblastoma. Biomaterials, 2019, 201, 87-98.	11.4	77
23	Intranasal priming induces local lung-resident B cell populations that secrete protective mucosal antiviral IgA. Science Immunology, 2021, 6, eabj5129.	11.9	76
24	Mouse cytomegalovirus-experienced ILC1s acquire a memory response dependent on the viral glycoprotein m12. Nature Immunology, 2019, 20, 1004-1011.	14.5	75
25	A humanized mouse model of chronic COVID-19. Nature Biotechnology, 2022, 40, 906-920.	17.5	71
26	Distribution of polymer nanoparticles by convection-enhanced delivery to brain tumors. Journal of Controlled Release, 2016, 232, 103-112.	9.9	65
27	Improved i.p. drug delivery with bioadhesive nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11453-11458.	7.1	62
28	Anti-tumor Activity of miniPEG-γ-Modified PNAs to Inhibit MicroRNA-210 for Cancer Therapy. Molecular Therapy - Nucleic Acids, 2017, 9, 111-119.	5.1	61
29	Degradable bioadhesive nanoparticles for prolonged intravaginal delivery and retention of elvitegravir. Biomaterials, 2017, 144, 144-154.	11.4	59
30	PEGylated squalenoyl-gemcitabine nanoparticles for the treatment ofÂglioblastoma. Biomaterials, 2016, 105, 136-144.	11.4	55
31	A "top-down―approach to actuate poly(amine-co-ester) terpolymers for potent and safe mRNA delivery. Biomaterials, 2018, 176, 122-130.	11.4	49
32	Apobec3A maintains HIV-1 latency through recruitment of epigenetic silencing machinery to the long terminal repeat. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2282-2289.	7.1	35
33	Targeting of dermal myofibroblasts through death receptor 5 arrests fibrosis in mouse models of scleroderma. Nature Communications, 2019, 10, 1128.	12.8	28
34	High-affinity, neutralizing antibodies to SARS-CoV-2 can be made without T follicular helper cells. Science Immunology, 2022, 7, .	11.9	28
35	A phase 2 evaluation of pembrolizumab for recurrent Lynchâ€like versus sporadic endometrial cancers with microsatellite instability. Cancer, 2022, 128, 1206-1218.	4.1	28
36	Local DNA Repair Inhibition for Sustained Radiosensitization of High-Grade Gliomas. Molecular Cancer Therapeutics, 2017, 16, 1456-1469.	4.1	26

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37	Poly(amine-co-ester) nanoparticles for effective Nogo-B knockdown in the liver. Journal of Controlled Release, 2019, 304, 259-267.	9.9	23
38	Lack of association between pandemic chilblains and SARS-CoV-2 infection. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	18
39	Direct targeting of amplified gene loci for proapoptotic anticancer therapy. Nature Biotechnology, 2022, 40, 325-334.	17.5	15
40	APOBEC3A regulates transcription from interferon-stimulated response elements. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2011665119.	7.1	7
41	Monocytes Inadequately Fill In for Meningeal Macrophages. Trends in Immunology, 2019, 40, 463-465.	6.8	6
42	High-affinity, neutralizing antibodies to SARS-CoV-2 can be made without T follicular helper cells Science Immunology, 2021, , eabl5652.	11.9	6
43	Improved threshold selection for the determination of volume of distribution of nanoparticles administered by convection-enhanced delivery. Computerized Medical Imaging and Graphics, 2017, 62, 34-40.	5.8	5
44	Mouse Model of SARS-CoV-2 Reveals Inflammatory Role of Type I Interferon Signaling. SSRN Electronic Journal, 2020, , 3628297.	0.4	3
45	Method for Measuring Mucociliary Clearance and Cilia-generated Flow in Mice by ex vivo Imaging. Bio-protocol, 2020, 10, e3554.	0.4	2