Ziyang Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1288430/publications.pdf

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34	1,168	687363 13	454955 30
papers	citations	h-index	g-index

39	39	39	2710
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immunogenicity of a DNA vaccine candidate for COVID-19. Nature Communications, 2020, 11, 2601.	12.8	514
2	A Fragment-Based Method to Discover Irreversible Covalent Inhibitors of Cysteine Proteases. Journal of Medicinal Chemistry, 2014, 57, 4969-4974.	6.4	149
3	A Small Molecule That Switches a Ubiquitin Ligase From a Processive to a Distributive Enzymatic Mechanism. Journal of the American Chemical Society, 2015, 137, 12442-12445.	13.7	82
4	SARS-CoV-2 Assays To Detect Functional Antibody Responses That Block ACE2 Recognition in Vaccinated Animals and Infected Patients. Journal of Clinical Microbiology, 2020, 58, .	3.9	57
5	Covalent-Fragment Screening of BRD4 Identifies a Ligandable Site Orthogonal to the Acetyl-Lysine Binding Sites. ACS Chemical Biology, 2020, 15, 1036-1049.	3.4	32
6	In Vivo Assembly of Nanoparticles Achieved through Synergy of Structureâ€Based Protein Engineering and Synthetic DNA Generates Enhanced Adaptive Immunity. Advanced Science, 2020, 7, 1902802.	11.2	30
7	In vivo delivery of synthetic DNAâ€“encoded antibodies induces broad HIV-1â€“neutralizing activity. Journal of Clinical Investigation, 2020, 130, 827-837.	8.2	30
8	Harnessing Recent Advances in Synthetic DNA and Electroporation Technologies for Rapid Vaccine Development Against COVID-19 and Other Emerging Infectious Diseases. Frontiers in Medical Technology, 2020, 2, 571030.	2.5	29
9	Intradermal-delivered DNA vaccine induces durable immunity mediating a reduction in viral load in a rhesus macaque SARS-CoV-2 challenge model. Cell Reports Medicine, 2021, 2, 100420.	6.5	28
10	Protein engineering and particulate display of B-cell epitopes to facilitate development of novel vaccines. Current Opinion in Immunology, 2019, 59, 49-56.	5.5	24
11	A DNA-Launched Nanoparticle Vaccine Elicits CD8+ T-cell Immunity to Promote In Vivo Tumor Control. Cancer Immunology Research, 2020, 8, 1354-1364.	3.4	20
12	Nucleic acid delivery of immune-focused SARS-CoV-2 nanoparticles drives rapid and potent immunogenicity capable of single-dose protection. Cell Reports, 2022, 38, 110318.	6.4	17
13	Identification of non-peptidic cysteine reactive fragments as inhibitors of cysteine protease rhodesain. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4509-4512.	2.2	16
14	Synthetic DNA delivery by electroporation promotes robust in vivo sulfation of broadly neutralizing anti-HIV immunoadhesin eCD4-Ig. EBioMedicine, 2018, 35, 97-105.	6.1	15
15	Siglec-9 defines and restrains a natural killer subpopulation highly cytotoxic to HIV-infected cells. PLoS Pathogens, 2021, 17, e1010034.	4.7	12
16	Incorporation of a Novel CD4+ Helper Epitope Identified from Aquifex aeolicus Enhances Humoral Responses Induced by DNA and Protein Vaccinations. IScience, 2020, 23, 101399.	4.1	11
17	Landscape of humoral immune responses against SARS-CoV-2 in patients with COVID-19 disease and the value of antibody testing. Heliyon, 2021, 7, e06836.	3.2	11
18	A novel synthetic DNA vaccine elicits protective immune responses against Powassan virus. PLoS Neglected Tropical Diseases, 2020, 14, e0008788.	3.0	11

#	Article	IF	Citations
19	Intradermal delivery of a synthetic DNA vaccine protects macaques from Middle East respiratory syndrome coronavirus. JCI Insight, 2021, 6, .	5.0	7
20	Strategic Variants of CSP Delivered as SynDNA Vaccines Demonstrate Heterogeneity of Immunogenicity and Protection from Plasmodium Infection in a Murine Model. Infection and Immunity, 2021, 89, e0072820.	2.2	5
21	Synthetic DNA Vaccines Adjuvanted with pIL-33 Drive Liver-Localized T Cells and Provide Protection from Plasmodium Challenge in a Mouse Model. Vaccines, 2020, 8, 21.	4.4	3
22	Identification of Novel Neutralizing Monoclonal Antibodies against SARS-CoV-2 Spike Glycoprotein. ACS Pharmacology and Translational Science, 2021, 4, 1349-1361.	4.9	3
23	DNA-Encoded Glutamine Synthetase Enzyme as Ammonia-Lowering Therapeutic for Hyperammonemia. Nucleic Acid Therapeutics, 2020, 30, 379-391.	3.6	2
24	DNA immunotherapy targeting BARF1 induces potent anti-tumor responses against Epstein-Barr-virus-associated carcinomas. Molecular Therapy - Oncolytics, 2022, 24, 218-229.	4.4	2
25	Induction of tier-2 neutralizing antibodies in mice with a DNA-encoded HIV envelope native like trimer. Nature Communications, 2022, 13, 695.	12.8	2
26	Synthetic DNA Delivery of an Engineered Arginase Enzyme Can Modulate Specific Immunity InÂVivo. Molecular Therapy - Methods and Clinical Development, 2020, 18, 652-663.	4.1	1
27	Nanoparticle Vaccines: In Vivo Assembly of Nanoparticles Achieved through Synergy of Structureâ€Based Protein Engineering and Synthetic DNA Generates Enhanced Adaptive Immunity (Adv.) Tj ETQq1 1 0.784314 rgBT /Ov	1	1
28	Subcutaneous fat necrosis of the newborn presenting as circular alopecia: a novel presentation. Pediatric Dermatology, 2021, 38, 982-983.	0.9	1
29	Preexisting vs. de novo antibodies against SARS-CoV-2 in individuals without or with virus infection: impact on antibody therapy, vaccine research and serological testing. Translational Medicine Communications, 2021, 6, 13.	1.4	1
30	Pseudomonal blepharoconjunctivitis causing neutropenic sepsis after allogeneic hematopoietic cell transplantation. Transplant Infectious Disease, 2022, 24, e13718.	1.7	1
31	Techniques for Developing and Assessing Immune Responses Induced by Synthetic DNA Vaccines for Emerging Infectious Diseases. Methods in Molecular Biology, 2022, 2410, 229-263.	0.9	1
32	Abstract 268: DNA-launched HPV E7 nanoparticle vaccine induces potent anti-tumor cytolytic T-cell responses. , 2021, , .		0
33	A healthy 16â€yearâ€old boy presenting with multifocal asymptomatic subcutaneous nodules. Pediatric Dermatology, 2022, 39, e8-e10.	0.9	0
34	An erythematous indurated plaque on the neck of a 12â€yearâ€old girl. Pediatric Dermatology, 2022, 39, 449-451.	0.9	0