

# Ziyang Xu

## List of Publications by Year in descending order

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

Version: 2024-02-01

34  
papers

1,168  
citations

687363

13  
h-index

454955

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2710  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Pseudomonal blepharoconjunctivitis causing neutropenic sepsis after allogeneic hematopoietic cell transplantation. <i>Transplant Infectious Disease</i> , 2022, 24, e13718.   | 1.7  | 1         |
| 2  | A healthy 16-year-old boy presenting with multifocal asymptomatic subcutaneous nodules. <i>Pediatric Dermatology</i> , 2022, 39, e8-e10.  | 0.9  | 0         |
| 3  | Nucleic acid delivery of immune-focused SARS-CoV-2 nanoparticles drives rapid and potent immunogenicity capable of single-dose protection. <i>Cell Reports</i> , 2022, 38, 110318.  | 6.4  | 17        |
| 4  | DNA immunotherapy targeting BRF1 induces potent anti-tumor responses against Epstein-Barr-virus-associated carcinomas. <i>Molecular Therapy - Oncolytics</i> , 2022, 24, 218-229.   | 4.4  | 2         |
| 5  | Induction of tier-2 neutralizing antibodies in mice with a DNA-encoded HIV envelope native like trimer. <i>Nature Communications</i> , 2022, 13, 695.   | 12.8 | 2         |
| 6  | An erythematous indurated plaque on the neck of a 12-year-old girl. <i>Pediatric Dermatology</i> , 2022, 39, 449-451.   | 0.9  | 0         |
| 7  | Techniques for Developing and Assessing Immune Responses Induced by Synthetic DNA Vaccines for Emerging Infectious Diseases. <i>Methods in Molecular Biology</i> , 2022, 2410, 229-263.   | 0.9  | 1         |
| 8  | Landscape of humoral immune responses against SARS-CoV-2 in patients with COVID-19 disease and the value of antibody testing. <i>Heliyon</i> , 2021, 7, e06836.   | 3.2  | 11        |
| 9  | Intradermal delivery of a synthetic DNA vaccine protects macaques from Middle East respiratory syndrome coronavirus. <i>JCI Insight</i> , 2021, 6, .  | 5.0  | 7         |
| 10 | Subcutaneous fat necrosis of the newborn presenting as circular alopecia: a novel presentation. <i>Pediatric Dermatology</i> , 2021, 38, 982-983.   | 0.9  | 1         |
| 11 | 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. <i>Translational Medicine Communications</i> , 2021, 6, 13. | 1.4  | 1         |
| 12 | Abstract 268: DNA-launched HPV E7 nanoparticle vaccine induces potent anti-tumor cytolytic T-cell responses. , 2021, , .  |      | 0         |
| 13 | Identification of Novel Neutralizing Monoclonal Antibodies against SARS-CoV-2 Spike Glycoprotein. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1349-1361.   | 4.9  | 3         |
| 14 | Strategic Variants of CSP Delivered as SynDNA Vaccines Demonstrate Heterogeneity of Immunogenicity and Protection from <i>Plasmodium</i> Infection in a Murine Model. <i>Infection and Immunity</i> , 2021, 89, e0072820.               | 2.2  | 5         |
| 15 | Intradermal-delivered DNA vaccine induces durable immunity mediating a reduction in viral load in a rhesus macaque SARS-CoV-2 challenge model. <i>Cell Reports Medicine</i> , 2021, 2, 100420.  | 6.5  | 28        |
| 16 | Siglec-9 defines and restrains a natural killer subpopulation highly cytotoxic to HIV-infected cells. <i>PLoS Pathogens</i> , 2021, 17, e1010034.   | 4.7  | 12        |
| 17 | Incorporation of a Novel CD4+ Helper Epitope Identified from <i>Aquifex aeolicus</i> Enhances Humoral Responses Induced by DNA and Protein Vaccinations. <i>IScience</i> , 2020, 23, 101399.  | 4.1  | 11        |
| 18 | Synthetic DNA Delivery of an Engineered Arginase Enzyme Can Modulate Specific Immunity In Vivo. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 652-663.  | 4.1  | 1         |

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|----|---|------|-----------|
| 19 | SARS-CoV-2 Assays To Detect Functional Antibody Responses That Block ACE2 Recognition in Vaccinated Animals and Infected Patients. <i>Journal of Clinical Microbiology</i> , 2020, 58, .                                      | 3.9  | 57        |
| 20 | Harnessing Recent Advances in Synthetic DNA and Electroporation Technologies for Rapid Vaccine Development Against COVID-19 and Other Emerging Infectious Diseases. <i>Frontiers in Medical Technology</i> , 2020, 2, 571030. | 2.5  | 29        |
| 21 | DNA-Encoded Glutamine Synthetase Enzyme as Ammonia-Lowering Therapeutic for Hyperammonemia. <i>Nucleic Acid Therapeutics</i> , 2020, 30, 379-391.   | 3.6  | 2         |
| 22 | A DNA-Launched Nanoparticle Vaccine Elicits CD8+ T-cell Immunity to Promote <i>In Vivo</i> Tumor Control. <i>Cancer Immunology Research</i> , 2020, 8, 1354-1364.   | 3.4  | 20        |
| 23 | Immunogenicity of a DNA vaccine candidate for COVID-19. <i>Nature Communications</i> , 2020, 11, 2601.  | 12.8 | 514       |
| 24 | Covalent-Fragment Screening of BRD4 Identifies a Ligandable Site Orthogonal to the Acetyl-Lysine Binding Sites. <i>ACS Chemical Biology</i> , 2020, 15, 1036-1049.  | 3.4  | 32        |
| 25 | In Vivo Assembly of Nanoparticles Achieved through Synergy of Structure-Based Protein Engineering and Synthetic DNA Generates Enhanced Adaptive Immunity. <i>Advanced Science</i> , 2020, 7, 1902802.                         | 11.2 | 30        |
| 26 | Synthetic DNA Vaccines Adjuvanted with pIL-33 Drive Liver-Localized T Cells and Provide Protection from Plasmodium Challenge in a Mouse Model. <i>Vaccines</i> , 2020, 8, 21.   | 4.4  | 3         |
| 27 | Nanoparticle Vaccines: In Vivo Assembly of Nanoparticles Achieved through Synergy of Structure-Based Protein Engineering and Synthetic DNA Generates Enhanced Adaptive Immunity (Adv.) <i>Tj ETQq1 11.0.7843 14 rgBT /</i>    |      |           |
| 28 | In vivo delivery of synthetic DNA-encoded antibodies induces broad HIV-1 neutralizing activity. <i>Journal of Clinical Investigation</i> , 2020, 130, 827-837.  | 8.2  | 30        |
| 29 | A novel synthetic DNA vaccine elicits protective immune responses against Powassan virus. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008788.   | 3.0  | 11        |
| 30 | Protein engineering and particulate display of B-cell epitopes to facilitate development of novel vaccines. <i>Current Opinion in Immunology</i> , 2019, 59, 49-56.   | 5.5  | 24        |
| 31 | Synthetic DNA delivery by electroporation promotes robust in vivo sulfation of broadly neutralizing anti-HIV immunoadhesin eCD4-Ig. <i>EBioMedicine</i> , 2018, 35, 97-105.   | 6.1  | 15        |
| 32 | Identification of non-peptidic cysteine reactive fragments as inhibitors of cysteine protease rhodesain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4509-4512.   | 2.2  | 16        |
| 33 | A Small Molecule That Switches a Ubiquitin Ligase From a Processive to a Distributive Enzymatic Mechanism. <i>Journal of the American Chemical Society</i> , 2015, 137, 12442-12445.  | 13.7 | 82        |
| 34 | A Fragment-Based Method to Discover Irreversible Covalent Inhibitors of Cysteine Proteases. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4969-4974.  | 6.4  | 149       |