

Deli Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5740813/publications.pdf>

Version: 2024-02-01

31
papers

5,481
citations

331538

21
h-index

477173

29
g-index

50
all docs

50
docs citations

50
times ranked

10000
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Isolation of potent SARS-CoV-2 neutralizing antibodies and protection from disease in a small animal model. <i>Science</i> , 2020, 369, 956-963. | 6.0 | 1,287 |
| 2 | Translocation of mixed lineage kinase domain-like protein to plasma membrane leads to necrotic cell death. <i>Cell Research</i> , 2014, 24, 105-121. | 5.7 | 636 |
| 3 | Structural basis of a shared antibody response to SARS-CoV-2. <i>Science</i> , 2020, 369, 1119-1123. | 6.0 | 536 |
| 4 | Broad neutralization of SARS-related viruses by human monoclonal antibodies. <i>Science</i> , 2020, 369, 731-736. | 6.0 | 534 |
| 5 | Structural and functional ramifications of antigenic drift in recent SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 818-823. | 6.0 | 309 |
| 6 | Structural analysis of full-length SARS-CoV-2 spike protein from an advanced vaccine candidate. <i>Science</i> , 2020, 370, 1089-1094. | 6.0 | 290 |
| 7 | Broad and potent activity against SARS-like viruses by an engineered human monoclonal antibody. <i>Science</i> , 2021, 371, 823-829. | 6.0 | 285 |
| 8 | Diverse Sequence Determinants Control Human and Mouse Receptor Interacting Protein 3 (RIP3) and Mixed Lineage Kinase domain-Like (MLKL) Interaction in Necroptotic Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 16247-16261. | 1.6 | 220 |
| 9 | Cross-reactive serum and memory B-cell responses to spike protein in SARS-CoV-2 and endemic coronavirus infection. <i>Nature Communications</i> , 2021, 12, 2938. | 5.8 | 219 |
| 10 | A human antibody reveals a conserved site on beta-coronavirus spike proteins and confers protection against SARS-CoV-2 infection. <i>Science Translational Medicine</i> , 2022, 14, eabi9215. | 5.8 | 123 |
| 11 | PLD3 and PLD4 are single-stranded acid exonucleases that regulate endosomal nucleic-acid sensing. <i>Nature Immunology</i> , 2018, 19, 942-953. | 7.0 | 88 |
| 12 | Bispecific antibodies targeting distinct regions of the spike protein potently neutralize SARS-CoV-2 variants of concern. <i>Science Translational Medicine</i> , 2021, 13, eabj5413. | 5.8 | 79 |
| 13 | HIV-1 vaccine design through minimizing envelope metastability. <i>Science Advances</i> , 2018, 4, eaau6769. | 4.7 | 75 |
| 14 | Reprogramming the antigen specificity of B cells using genome-editing technologies. <i>ELife</i> , 2019, 8, . | 2.8 | 69 |
| 15 | Commercial Serology Assays Predict Neutralization Activity against SARS-CoV-2. <i>Clinical Chemistry</i> , 2021, 67, 404-414. | 1.5 | 58 |
| 16 | A natural mutation between SARS-CoV-2 and SARS-CoV determines neutralization by a cross-reactive antibody. <i>PLoS Pathogens</i> , 2020, 16, e1009089. | 2.1 | 55 |
| 17 | Structural and functional evaluation of de novo-designed, two-component nanoparticle carriers for HIV Env trimer immunogens. <i>PLoS Pathogens</i> , 2020, 16, e1008665. | 2.1 | 52 |
| 18 | A combination of cross-neutralizing antibodies synergizes to prevent SARS-CoV-2 and SARS-CoV pseudovirus infection. <i>Cell Host and Microbe</i> , 2021, 29, 806-818.e6. | 5.1 | 49 |

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|----|---|-----|-----------|
| 19 | B cells expressing authentic naive human VRC01-class BCRs can be recruited to germinal centers and affinity mature in multiple independent mouse models. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22920-22931. | 3.3 | 42 |
| 20 | Vaccine elicitation of HIV broadly neutralizing antibodies from engineered B cells. Nature Communications, 2020, 11, 5850. | 5.8 | 38 |
| 21 | In vivo engineered B cells secrete high titers of broadly neutralizing anti-HIV antibodies in mice. Nature Biotechnology, 2022, 40, 1241-1249. | 9.4 | 29 |
| 22 | SARS-CoV-2 Serology Status Detected by Commercialized Platforms Distinguishes Previous Infection and Vaccination Adaptive Immune Responses. journal of applied laboratory medicine, The, 2021, 6, 1109-1122. | 0.6 | 24 |
| 23 | Diverse immunoglobulin gene usage and convergent epitope targeting in neutralizing antibody responses to SARS-CoV-2. Cell Reports, 2021, 35, 109109. | 2.9 | 21 |
| 24 | Cleavage of DNA and RNA by PLD3 and PLD4 limits autoinflammatory triggering by multiple sensors. Nature Communications, 2021, 12, 5874. | 5.8 | 21 |
| 25 | A pandemic-enabled comparison of discovery platforms demonstrates a naïve antibody library can match the best immune-sourced antibodies. Nature Communications, 2022, 13, 462. | 5.8 | 17 |
| 26 | Regulator of G-Protein Signaling 19 (RGS19) and Its Partner G β -Inhibiting Activity Polypeptide 3 (GNAI3) Are Required for zVAD-Induced Autophagy and Cell Death in L929 Cells. PLoS ONE, 2014, 9, e94634. | 1.1 | 14 |
| 27 | A Rapid Assay for SARS-CoV-2 Neutralizing Antibodies That Is Insensitive to Antiretroviral Drugs. Journal of Immunology, 2021, 207, 344-351. | 0.4 | 5 |
| 28 | Title is missing!. , 2020, 16, e1008665. | | 0 |
| 29 | Title is missing!. , 2020, 16, e1008665. | | 0 |
| 30 | Title is missing!. , 2020, 16, e1008665. | | 0 |
| 31 | Title is missing!. , 2020, 16, e1008665. | | 0 |