

# Alberto Cagigi

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,359  
citations

236925

25  
h-index

289244

40  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4123  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Immune Responses Induced by mRNA Vaccination in Mice, Monkeys and Humans. <i>Vaccines</i> , 2021, 9, 61.  | 4.4  | 105       |
| 2  | Functional monocytic myeloid-derived suppressor cells increase in blood but not airways and predict COVID-19 severity. <i>Journal of Clinical Investigation</i> , 2021, 131, .  | 8.2  | 88        |
| 3  | Airway antibodies emerge according to COVID-19 severity and wane rapidly but reappear after SARS-CoV-2 vaccination. <i>JCI Insight</i> , 2021, 6, .   | 5.0  | 27        |
| 4  | Higher PIK3C2B gene expression of H1N1+ specific B-cells is associated with lower H1N1 immunogenicity after trivalent influenza vaccination in HIV infected children. <i>Clinical Immunology</i> , 2020, 215, 108440.                   | 3.2  | 10        |
| 5  | Prolonged evolution of the memory B cell response induced by a replicating adenovirus-influenza H5 vaccine. <i>Science Immunology</i> , 2019, 4, .  | 11.9 | 40        |
| 6  | Design of Nanoparticulate Group 2 Influenza Virus Hemagglutinin Stem Antigens That Activate Unmutated Ancestor B Cell Receptors of Broadly Neutralizing Antibody Lineages. <i>MBio</i> , 2019, 10, .                                    | 4.1  | 88        |
| 7  | Longitudinal Analysis Reveals Early Development of Three MPER-Directed Neutralizing Antibody Lineages from an HIV-1-Infected Individual. <i>Immunity</i> , 2019, 50, 677-691.e13.   | 14.3 | 77        |
| 8  | Functional interrogation and mining of natively paired human VH:VL antibody repertoires. <i>Nature Biotechnology</i> , 2018, 36, 152-155.   | 17.5 | 109       |
| 9  | Vaccine-Mediated Induction of an Ebolavirus Cross-Species Antibody Binding to Conserved Epitopes on the Glycoprotein Heptad Repeat 2/Membrane-Proximal External Junction. <i>Journal of Infectious Diseases</i> , 2018, 218, S537-S544. | 4.0  | 3         |
| 10 | Vaccine Generation of Protective Ebola Antibodies and Identification of Conserved B-Cell Signatures. <i>Journal of Infectious Diseases</i> , 2018, 218, S528-S536.  | 4.0  | 17        |
| 11 | Induction of <i>IL21</i> in Peripheral T Follicular Helper Cells Is an Indicator of Influenza Vaccine Response in a Previously Vaccinated HIV-Infected Pediatric Cohort. <i>Journal of Immunology</i> , 2017, 198, 1995-2005.           | 0.8  | 33        |
| 12 | Perturbation of B Cell Gene Expression Persists in HIV-Infected Children Despite Effective Antiretroviral Therapy and Predicts H1N1 Response. <i>Frontiers in Immunology</i> , 2017, 8, 1083.   | 4.8  | 24        |
| 13 | Downfall of the current antibody correlates of influenza vaccine response in yearly vaccinated subjects: Toward qualitative rather than quantitative assays. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 22-27.                 | 2.6  | 9         |
| 14 | Protective monotherapy against lethal Ebola virus infection by a potentially neutralizing antibody. <i>Science</i> , 2016, 351, 1339-1342.  | 12.6 | 370       |
| 15 | Cellular immune profile of kidney transplant patients developing anti-HLA antibodies during childhood. <i>Pediatric Nephrology</i> , 2016, 31, 1001-1010.   | 1.7  | 5         |
| 16 | Structural and molecular basis for Ebola virus neutralization by protective human antibodies. <i>Science</i> , 2016, 351, 1343-1346.  | 12.6 | 176       |
| 17 | Defective B-cell proliferation and maintenance of long-term memory in patients with chronic granulomatous disease. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 753-761.e2.   | 2.9  | 49        |
| 18 | Premature B-cell senescence as a consequence of chronic immune activation. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2083-2088.  | 3.3  | 25        |

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|----|--|-----|-----------|
| 19 | Vaccine risk assessment in children with a referred reaction to a previous vaccine dose: 2009â€“2011 retrospective report at the Bambino Gesù™ children hospital, Rome, Italy. <i>Italian Journal of Pediatrics</i> , 2014, 40, 31.                  | 2.6 | 5         |
| 20 | Frequency and phenotype of B cell subpopulations in young and aged HIV-1 infected patients receiving ART. <i>Retrovirology</i> , 2014, 11, 76.   | 2.0 | 32        |
| 21 | Early Highly Active Antiretroviral Therapy Enhances B-cell Longevity. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, e126-e131.   | 2.0 | 27        |
| 22 | B-Sides Serologic Markers of Immunogenicity in Kidney Transplanted Patients. <i>Transplantation</i> , 2014, 98, 259-266.   | 1.0 | 11        |
| 23 | Antibody but not memory B-cell responses are tuned-down in vertically HIV-1 infected children and young individuals being vaccinated yearly against influenza. <i>Vaccine</i> , 2014, 32, 657-663.   | 3.8 | 23        |
| 24 | Premature immune senescence during HIV-1 vertical infection relates with response to influenza vaccination. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 592-594.e1.   | 2.9 | 35        |
| 25 | Kinetics of antibody and memory B cell responses after MMR immunization in children and young adults. <i>Vaccine</i> , 2013, 31, 711-717.  | 3.8 | 32        |
| 26 | Relation of activation-induced deaminase (AID) expression with antibody response to A(H1N1)pdm09 vaccination in HIV-1 infected patients. <i>Vaccine</i> , 2013, 31, 2231-2237.   | 3.8 | 15        |
| 27 | Premature ageing of the immune system relates to increased anti-lymphocyte antibodies (ALA) after an immunization in HIV-1-infected and kidney-transplanted patients. <i>Clinical and Experimental Immunology</i> , 2013, 174, 274-280.              | 2.6 | 19        |
| 28 | Immune reconstitution and vaccination outcome in HIV-1 infected children. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1784-1794.   | 3.3 | 42        |
| 29 | Soluble CD27 induces IgG production through activation of antigenâ€primed B cells. <i>Journal of Internal Medicine</i> , 2012, 271, 282-293.   | 6.0 | 26        |
| 30 | Cytotoxic T-lymphocytes secrete soluble factors that induce caspase-mediated apoptosis in glioblastoma cell lines. <i>Journal of Neuroimmunology</i> , 2010, 225, 34-42.   | 2.3 | 2         |
| 31 | Mapping of Switch Recombination Junctions, a Tool for Studying DNA Repair Pathways during Immunoglobulin Class Switching. <i>Advances in Immunology</i> , 2010, 108, 45-109.   | 2.2 | 67        |
| 32 | The impact of active HIV-1 replication on the physiological age-related decline of immature-transitional B-cells in HIV-1 infected children. <i>Aids</i> , 2010, 24, 2075-2080.  | 2.2 | 21        |
| 33 | Dysfunctional B-cell responses during HIV-1 infection: implication for influenza vaccination and highly active antiretroviral therapy. <i>Lancet Infectious Diseases</i> , The, 2010, 10, 499-503.   | 9.1 | 79        |
| 34 | CD27â€ B-Cells Produce Class Switched and Somaticallly Hyper-Mutated Antibodies during Chronic HIV-1 Infection. <i>PLoS ONE</i> , 2009, 4, e5427.  | 2.5 | 51        |
| 35 | Timing of HAART defines the integrity of memory B cells and the longevity of humoral responses in HIV-1 vertically-infected children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7939-7944. | 7.1 | 153       |
| 36 | Changes in chemokines and chemokine receptor expression on tonsillar B cells upon Epsteinâ€Barr virus infection. <i>Immunology</i> , 2009, 127, 549-557.   | 4.4 | 32        |

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|----|--|-----|-----------|
| 37 | Chemokine CXCL12 enhances proliferation in pre-B <sub>2</sub> cells via STAT5 activation. <i>Pediatric Blood and Cancer</i> , 2008, 50, 812-817. | 1.5 | 33        |
| 38 | B cell immunopathology during HIV-1 infection: Lessons to learn for HIV-1 vaccine design. <i>Vaccine</i> , 2008, 26, 3016-3025.                  | 3.8 | 48        |
| 39 | Altered expression of the receptor-ligand pair CXCR5/CXCL13 in B cells during chronic HIV-1 infection. <i>Blood</i> , 2008, 112, 4401-4410.      | 1.4 | 82        |
| 40 | Loss of memory B cells impairs maintenance of long-term serologic memory during HIV-1 infection. <i>Blood</i> , 2006, 108, 1580-1587.            | 1.4 | 255       |