

# Alexandre Bolze

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1148631/publications.pdf>

Version: 2024-02-01

34  
papers

8,206  
citations

186265

28  
h-index

377865

34  
g-index

45  
all docs

45  
docs citations

45  
times ranked

15106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	12.6	1,983
2	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	12.6	1,749
3	Gain-of-function human <i>STAT1</i> mutations impair IL-17 immunity and underlie chronic mucocutaneous candidiasis. <i>Journal of Experimental Medicine</i> , 2011, 208, 1635-1648.	8.5	739
4	Whole-genome sequencing is more powerful than whole-exome sequencing for detecting exome variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5473-5478.	7.1	475
5	Emergence and rapid transmission of SARS-CoV-2 B.1.1.7 in the United States. <i>Cell</i> , 2021, 184, 2587-2594.e7.	28.9	285
6	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , 2021, 6, .	11.9	267
7	Inflammatory tumour microenvironment is associated with superior survival in hepatocellular carcinoma patients. <i>Journal of Hepatology</i> , 2010, 52, 370-379.	3.7	227
8	Human genetic and immunological determinants of critical COVID-19 pneumonia. <i>Nature</i> , 2022, 603, 587-598.	27.8	216
9	The human gene damage index as a gene-level approach to prioritizing exome variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13615-13620.	7.1	213
10	Wastewater sequencing reveals early cryptic SARS-CoV-2 variant transmission. <i>Nature</i> , 2022, 609, 101-108.	27.8	200
11	Exome and genome sequencing for inborn errors of immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 957-969.	2.9	187
12	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. <i>Cell</i> , 2020, 181, 1194-1199.	28.9	185
13	Ribosomal Protein SA Haploinsufficiency in Humans with Isolated Congenital Asplenia. <i>Science</i> , 2013, 340, 976-978.	12.6	176
14	Whole-Exome-Sequencing-Based Discovery of Human FADD Deficiency. <i>American Journal of Human Genetics</i> , 2010, 87, 873-881.	6.2	171
15	Inherited IL-17RC deficiency in patients with chronic mucocutaneous candidiasis. <i>Journal of Experimental Medicine</i> , 2015, 212, 619-631.	8.5	162
16	Life-Threatening COVID-19: Defective Interferons Unleash Excessive Inflammation. <i>Med</i> , 2020, 1, 14-20.	4.4	110
17	SARS-CoV-2-related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	100
18	Isolated Congenital Asplenia: A French Nationwide Retrospective Survey of 20 Cases. <i>Journal of Pediatrics</i> , 2011, 158, 142-148.e1.	1.8	74

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19	Congenital Asplenia in Mice and Humans with Mutations in a Pbx/Nkx2-5/p15 Module. <i>Developmental Cell</i> , 2012, 22, 913-926.	7.0	70
20	SARS-CoV-2 variant Delta rapidly displaced variant Alpha in the United States and led to higher viral loads. <i>Cell Reports Medicine</i> , 2022, 3, 100564.	6.5	61
21	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	59
22	Blacklisting variants common in private cohorts but not in public databases optimizes human exome analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 950-959.	7.1	52
23	A Mild Form of SLC29A3 Disorder: A Frameshift Deletion Leads to the Paradoxical Translation of an Otherwise Noncoding mRNA Splice Variant. <i>PLoS ONE</i> , 2012, 7, e29708.	2.5	50
24	Pathogenic variants in actionable MODY genes are associated with type 2 diabetes. <i>Nature Metabolism</i> , 2020, 2, 1126-1134.	11.9	43
25	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. <i>Nature Immunology</i> , 2022, 23, 159-164.	14.5	41
26	Harnessing Type I IFN Immunity Against SARS-CoV-2 with Early Administration of IFN- $\beta$ . <i>Journal of Clinical Immunology</i> , 2021, 41, 1425-1442.	3.8	39
27	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. <i>Science Immunology</i> , 2023, 8, .	11.9	35
28	Incomplete penetrance for isolated congenital asplenia in humans with mutations in translated and untranslated <i>RPSA</i> exons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8007-E8016.	7.1	31
29	From Your Nose to Your Toes: A Review of Severe Acute Respiratory Syndrome Coronavirus 2 Pandemic-Associated Pernio. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2791-2796.	0.7	21
30	HLA-A*03:01 is associated with increased risk of fever, chills, and stronger side effects from Pfizer-BioNTech COVID-19 vaccination. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100084.	1.7	21
31	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	21
32	Positive predictive value highlights four novel candidates for actionable genetic screening from analysis of 220,000 clinicogenomic records. <i>Genetics in Medicine</i> , 2021, 23, 2300-2308.	2.4	13
33	Using symptom-based case predictions to identify host genetic factors that contribute to COVID-19 susceptibility. <i>PLoS ONE</i> , 2021, 16, e0255402.	2.5	6
34	A 44-Year-Old Female With Overwhelming Sepsis. <i>Clinical Infectious Diseases</i> , 2019, 68, 712-712.	5.8	1