

# Joaquã-n Sanz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3822912/publications.pdf>

Version: 2024-02-01

24  
papers

2,335  
citations

516561

16  
h-index

610775

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

4413  
citing authors

#	ARTICLE	IF	CITATIONS
1	BCG Educates Hematopoietic Stem Cells to Generate Protective Innate Immunity against Tuberculosis. <i>Cell</i> , 2018, 172, 176-190.e19.	13.5	802
2	Genetic Ancestry and Natural Selection Drive Population Differences in Immune Responses to Pathogens. <i>Cell</i> , 2016, 167, 657-669.e21.	13.5	419
3	Social status alters immune regulation and response to infection in macaques. <i>Science</i> , 2016, 354, 1041-1045.	6.0	235
4	M.Âtuberculosis Reprograms Hematopoietic Stem Cells to Limit Myelopoiesis and Impair Trained Immunity. <i>Cell</i> , 2020, 183, 752-770.e22.	13.5	148
5	Dynamics of Interacting Diseases. <i>Physical Review X</i> , 2014, 4, .	2.8	106
6	Effects of delayed recovery and nonuniform transmission on the spreading of diseases in complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 1577-1585.	1.2	99
7	Efficient and Robust NK-Cell Transduction With Baboon Envelope Pseudotyped Lentivector. <i>Frontiers in Immunology</i> , 2019, 10, 2873.	2.2	84
8	Social status alters chromatin accessibility and the gene regulatory response to glucocorticoid stimulation in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1219-1228.	3.3	71
9	The Transcriptional Regulatory Network of <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2011, 6, e22178.	1.1	58
10	Projecting social contact matrices to different demographic structures. <i>PLoS Computational Biology</i> , 2018, 14, e1006638.	1.5	48
11	Data-driven model for the assessment of <i>Mycobacterium tuberculosis</i> transmission in evolving demographic structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3238-E3245.	3.3	36
12	Social history and exposure to pathogen signals modulate social status effects on gene regulation in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23317-23322.	3.3	33
13	Primate innate immune responses to bacterial and viral pathogens reveals an evolutionary trade-off between strength and specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	30
14	Natural selection contributed to immunological differences between hunter-gatherers and agriculturalists. <i>Nature Ecology and Evolution</i> , 2019, 3, 1253-1264.	3.4	28
15	Spreading of persistent infections in heterogeneous populations. <i>Physical Review E</i> , 2010, 81, 056108.	0.8	22
16	Genetic and evolutionary determinants of human population variation in immune responses. <i>Current Opinion in Genetics and Development</i> , 2018, 53, 28-35.	1.5	20
17	Spotting the old foe“revisiting the case definition for TB. <i>Lancet Respiratory Medicine</i> ,the, 2019, 7, 199-201.	5.2	19
18	Alveolar macrophages from persons living with HIV show impaired epigenetic response to <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	19

#	ARTICLE	IF	CITATIONS
19	On the impact of masking and blocking hypotheses for measuring the efficacy of new tuberculosis vaccines. PeerJ, 2016, 4, e1513.	0.9	18
20	Topological effects of data incompleteness of gene regulatory networks. BMC Systems Biology, 2012, 6, 110.	3.0	10
21	Modeling the impact of COVID-19 on future tuberculosis burden. Communications Medicine, 2022, 2, .	1.9	9
22	Bridging the gap between efficacy trials and model-based impact evaluation for new tuberculosis vaccines. Nature Communications, 2019, 10, 5457.	5.8	6
23	DYNAMICS OF PERSISTENT INFECTIONS IN HOMOGENEOUS POPULATIONS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250164.	0.7	2
24	Data reliability in complex directed networks. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P12008.	0.9	1