JoaquÃn Sanz

List of Publications by Year
in descending order

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	Modeling the impact of COVID-19 on future tuberculosis burden. Communications Medicine, 2022, 2, .	1.9	9
2	Primate innate immune responses to bacterial and viral pathogens reveals an evolutionary trade-off between strength and specificity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	30
3	Alveolar macrophages from persons living with HIV show impaired epigenetic response to Mycobacterium tuberculosis. Journal of Clinical Investigation, 2021, 131, .	3.9	19
4	M.Âtuberculosis Reprograms Hematopoietic Stem Cells to Limit Myelopoiesis and Impair Trained Immunity. Cell, 2020, 183, 752-770.e22.	13.5	148
5	Social history and exposure to pathogen signals modulate social status effects on gene regulation in rhesus macaques. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23317-23322.	3.3	33
6	Natural selection contributed to immunological differences between hunter-gatherers and agriculturalists. Nature Ecology and Evolution, 2019, 3, 1253-1264.	3.4	28
7	Spotting the old foeâ€"revisiting the case definition for TB. Lancet Respiratory Medicine,the, 2019, 7, 199-201.	5.2	19
8	Bridging the gap between efficacy trials and model-based impact evaluation for new tuberculosis vaccines. Nature Communications, 2019, 10, 5457.	5.8	6
9	Efficient and Robust NK-Cell Transduction With Baboon Envelope Pseudotyped Lentivector. Frontiers in Immunology, 2019, 10, 2873.	2.2	84
10	Social status alters chromatin accessibility and the gene regulatory response to glucocorticoid stimulation in rhesus macaques. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1219-1228.	3.3	71
11	BCG Educates Hematopoietic Stem Cells to Generate Protective Innate Immunity against Tuberculosis. Cell, 2018, 172, 176-190.e19.	13.5	802
12	Data-driven model for the assessment of <i>Mycobacterium tuberculosis</i> transmission in evolving demographic structures. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3238-E3245.	3.3	36
13	Projecting social contact matrices to different demographic structures. PLoS Computational Biology, 2018, 14, e1006638.	1.5	48
14	Genetic and evolutionary determinants of human population variation in immune responses. Current Opinion in Genetics and Development, 2018, 53, 28-35.	1.5	20
15	Social status alters immune regulation and response to infection in macaques. Science, 2016, 354, 1041-1045.	6.0	235
16	Genetic Ancestry and Natural Selection Drive Population Differences in Immune Responses to Pathogens. Cell, 2016, 167, 657-669.e21.	13.5	419
17	On the impact of masking and blocking hypotheses for measuring the efficacy of new tuberculosis vaccines. PeerJ, 2016, 4, e1513.	0.9	18
18	Dynamics of Interacting Diseases. Physical Review X, 2014, 4, .	2.8	106

#	Article	IF	Citations
19	Effects of delayed recovery and nonuniform transmission on the spreading of diseases in complex networks. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1577-1585.	1.2	99
20	Data reliability in complex directed networks. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P12008.	0.9	1
21	DYNAMICS OF PERSISTENT INFECTIONS IN HOMOGENEOUS POPULATIONS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250164.	0.7	2
22	Topological effects of data incompleteness of gene regulatory networks. BMC Systems Biology, 2012, 6, 110.	3.0	10
23	The Transcriptional Regulatory Network of Mycobacterium tuberculosis. PLoS ONE, 2011, 6, e22178.	1.1	58
24	Spreading of persistent infections in heterogeneous populations. Physical Review E, 2010, 81, 056108.	0.8	22