

Joaquin Sanz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26
papers

1,424
citations

15
h-index

31
g-index

31
ext. papers

1,943
ext. citations

15.9
avg, IF

4.3
L-index

#	Paper	IF	Citations
26	BCG Educates Hematopoietic Stem Cells to Generate Protective Innate Immunity against Tuberculosis. <i>Cell</i> , 2018 , 172, 176-190.e19	56.2	471
25	Genetic Ancestry and Natural Selection Drive Population Differences in Immune Responses to Pathogens. <i>Cell</i> , 2016 , 167, 657-669.e21	56.2	264
24	Social status alters immune regulation and response to infection in macaques. <i>Science</i> , 2016 , 354, 1041-1045	39.5	154
23	Dynamics of Interacting Diseases. <i>Physical Review X</i> , 2014 , 4,	9.1	88
22	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	3.3	86
21	Mycobacterium tuberculosis Reprograms Hematopoietic Stem Cells to Limit Myelopoiesis and Impair Trained Immunity. <i>Cell</i> , 2020 , 183, 752-770.e22	56.2	60
20	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	11.5	47
19	Efficient and Robust NK-Cell Transduction With Baboon Envelope Pseudotyped Lentivector. <i>Frontiers in Immunology</i> , 2019 , 10, 2873	8.4	43
18	The transcriptional regulatory network of Mycobacterium tuberculosis. <i>PLoS ONE</i> , 2011 , 6, e22178	3.7	40
17	Projecting social contact matrices to different demographic structures. <i>PLoS Computational Biology</i> , 2018 , 14, e1006638	5	25
16	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	11.5	23
15	Spreading of persistent infections in heterogeneous populations. <i>Physical Review E</i> , 2010 , 81, 056108	2.4	18
14	Data-driven model for the assessment of transmission in evolving demographic structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E3238-E3245	11.5	16
13	Natural selection contributed to immunological differences between hunter-gatherers and agriculturalists. <i>Nature Ecology and Evolution</i> , 2019 , 3, 1253-1264	12.3	15
12	On the impact of masking and blocking hypotheses for measuring the efficacy of new tuberculosis vaccines. <i>PeerJ</i> , 2016 , 4, e1513	3.1	15
11	Genetic and evolutionary determinants of human population variation in immune responses. <i>Current Opinion in Genetics and Development</i> , 2018 , 53, 28-35	4.9	13
10	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,	11.5	11

9	Spotting the old foe-revisiting the case definition for TB. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 199-201	15.1	10
8	Topological effects of data incompleteness of gene regulatory networks. <i>BMC Systems Biology</i> , 2012 , 6, 110	3.5	8
7	Social status alters chromatin accessibility and the gene regulatory response to glucocorticoid stimulation in rhesus macaques		5
6	Alveolar macrophages from persons living with HIV show impaired epigenetic response to <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	4
5	DYNAMICS OF PERSISTENT INFECTIONS IN HOMOGENEOUS POPULATIONS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012 , 22, 1250164	2	2
4	Social history and exposure to pathogen signals modulate social status effects on gene regulation in rhesus macaques		2
3	Bridging the gap between efficacy trials and model-based impact evaluation for new tuberculosis vaccines. <i>Nature Communications</i> , 2019 , 10, 5457	17.4	2
2	Data reliability in complex directed networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013 , 2013, P12008	1.9	1
1	Natural selection contributed to immunological differences between human hunter-gatherers and agriculturalists		