Joaqun Sanz

List of Publications by Year in Descending Order

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	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,	11.5	11
25	Alveolar macrophages from persons living with HIV show impaired epigenetic response to Mycobacterium tuberculosis. *Journal of Clinical Investigation*, **2021**, 131,	15.9	4
24	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	11.5	23
23	M.tuberculosis Reprograms Hematopoietic Stem Cells to Limit Myelopoiesis and Impair Trained Immunity. *Cell*, **2020**, 183, 752-770.e22	56.2	60
22	Spotting the old foe-revisiting the case definition for TB. *Lancet Respiratory Medicine,the*, **2019**, 7, 199-201	35.1	10
21	Natural selection contributed to immunological differences between hunter-gatherers and agriculturalists. *Nature Ecology and Evolution*, **2019**, 3, 1253-1264	12.3	15
20	Bridging the gap between efficacy trials and model-based impact evaluation for new tuberculosis vaccines. *Nature Communications*, **2019**, 10, 5457	17.4	2
19	Efficient and Robust NK-Cell Transduction With Baboon Envelope Pseudotyped Lentivector. *Frontiers in Immunology*, **2019**, 10, 2873	8.4	43
18	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	11.5	47
17	BCG Educates Hematopoietic Stem Cells to Generate Protective Innate Immunity against Tuberculosis. *Cell*, **2018**, 172, 176-190.e19	56.2	471
16	Data-driven model for the assessment of transmission in evolving demographic structures. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E3238-E3245	11.5	16
15	Projecting social contact matrices to different demographic structures. *PLoS Computational Biology* , **2018**, 14, e1006638	5	25
14	Genetic and evolutionary determinants of human population variation in immune responses. *Current Opinion in Genetics and Development*, **2018**, 53, 28-35	4.9	13
13	Social status alters immune regulation and response to infection in macaques. *Science*, **2016**, 354, 1041-1045	33.5	154
12	Genetic Ancestry and Natural Selection Drive Population Differences in Immune Responses to Pathogens. *Cell*, **2016**, 167, 657-669.e21	56.2	264
11	On the impact of masking and blocking hypotheses for measuring the efficacy of new tuberculosis vaccines. *PeerJ*, **2016**, 4, e1513	3.1	15
10	Dynamics of Interacting Diseases. *Physical Review X*, **2014**, 4,	9.1	88

9	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	3.3	86
8	Data reliability in complex directed networks. *Journal of Statistical Mechanics: Theory and Experiment*, **2013**, 2013, P12008	1.9	1
7	Topological effects of data incompleteness of gene regulatory networks. *BMC Systems Biology*, **2012**, 6, 110	3.5	8
6	DYNAMICS OF PERSISTENT INFECTIONS IN HOMOGENEOUS POPULATIONS. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2012**, 22, 1250164	2	2
5	The transcriptional regulatory network of Mycobacterium tuberculosis. *PLoS ONE*, **2011**, 6, e22178	3.7	40
4	Spreading of persistent infections in heterogeneous populations. *Physical Review E*, **2010**, 81, 056108	2.4	18
3	Natural selection contributed to immunological differences between human hunter-gatherers and agriculturalists		5
2	Social status alters chromatin accessibility and the gene regulatory response to glucocorticoid stimulation in rhesus macaques		5
1	Social history and exposure to pathogen signals modulate social status effects on gene regulation in rhesus macaques		2