Juan Luis Mendoza

List of Publications by Year
in descending order

27	2,506	361413 20	526287 27
papers	citations	h-index	g-index

29	29	29	5101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deconstructing the Peptide-MHC Specificity of T Cell Recognition. Cell, 2014, 157, 1073-1087.	28.9	483
2	Requirements for Efficient Correction of Î”F508 CFTR Revealed by Analyses of Evolved Sequences. Cell, 2012, 148, 164-174.	28.9	243
3	Antigen Identification for Orphan T Cell Receptors Expressed on Tumor-Infiltrating Lymphocytes. Cell, 2018, 172, 549-563.e16.	28.9	226
4	Interferons and viruses induce a novel truncated ACE2 isoform and not the full-length SARS-CoV-2 receptor. Nature Genetics, 2020, 52, 1283-1293.	21.4	217
5	Insights into Cytokineâ€“Receptor Interactions from Cytokine Engineering. Annual Review of Immunology, 2015, 33, 139-167.	21.8	204
6	The Cystic Fibrosis-causing Mutation Î”F508 Affects Multiple Steps in Cystic Fibrosis Transmembrane Conductance Regulator Biogenesis. Journal of Biological Chemistry, 2010, 285, 35825-35835.	3.4	160
7	Alpha and Beta Type 1 Interferon Signaling: Passage for Diverse Biologic Outcomes. Cell, 2016, 164, 349-352.	28.9	120
8	Differential induction of interferon stimulated genes between type I and type III interferons is independent of interferon receptor abundance. PLoS Pathogens, 2018, 14, e1007420.	4.7	100
9	The IFN-Î»-IFN-Î»R1-IL-10RÎ² Complex Reveals Structural Features Underlying Type III IFN Functional Plasticity. Immunity, 2017, 46, 379-392.	14.3	89
10	Structure of the IFNÎ³ receptor complex guides design of biased agonists. Nature, 2019, 567, 56-60.	27.8	85
11	T cell receptor cross-reactivity expanded by dramatic peptideâ€“MHC adaptability. Nature Chemical Biology, 2018, 14, 934-942.	8.0	77
12	Multifarious Determinants of Cytokine Receptor Signaling Specificity. Advances in Immunology, 2014, 121, 1-39.	2.2	62
13	Water and ligand entry in myoglobin: Assessing the speed and extent of heme pocket hydration after CO photodissociation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1254-1259.	7.1	55
14	Building an understanding of cystic fibrosis on the foundation of ABC transporter structures. Journal of Bioenergetics and Biomembranes, 2007, 39, 499-505.	2.3	52
15	A Unique Redox-sensing Sensor II Motif in TorsinA Plays a Critical Role in Nucleotide and Partner Binding*. Journal of Biological Chemistry, 2010, 285, 37271-37280.	3.4	52
16	Synthekines are surrogate cytokine and growth factor agonists that compel signaling through non-natural receptor dimers. ELife, 2017, 6, .	6.0	51
17	The Intergenic Recombinant HLA-Bâˆ—46:01 Has a Distinctive Peptidome that Includes KIR2DL3 Ligands. Cell Reports, 2017, 19, 1394-1405.	6.4	40
18	Masking the immunotoxicity of interleukin-12 by fusing it with a domain of its receptor via a tumour-protease-cleavable linker. Nature Biomedical Engineering, 2022, 6, 819-829.	22.5	32

#	Article	IF	Citations
19	HLA-B57 micropolymorphism defines the sequence and conformational breadth of the immunopeptidome. Nature Communications, 2018, 9, 4693.	12.8	31
20	A polymorphic residue that attenuates the antiviral potential of interferon lambda 4 in hominid lineages. PLoS Pathogens, 2018, 14, e1007307.	4.7	25
21	The pH Dependence of Heme Pocket Hydration and Ligand Rebinding Kinetics in Photodissociated Carbonmonoxymyoglobin. Journal of Biological Chemistry, 2008, 283, 14165-14175.	3.4	22
22	Stress-testing the relationship between T cell receptor/peptide-MHC affinity and cross-reactivity using peptide velcro. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7369-E7378.	7.1	21
23	Optical Detection of Disordered Water within a Protein Cavity. Journal of the American Chemical Society, 2009, 131, 12265-12272.	13.7	18
24	Interrogating the recognition landscape of a conserved HIV-specific TCR reveals distinct bacterial peptide cross-reactivity. ELife, 2020, 9, .	6.0	6
25	Biochemical and Biophysical Approaches to Probe CFTR Structure. Methods in Molecular Biology, 2011, 741, 365-376.	0.9	5
26	Introduction to Section IV: Biophysical Methods to Approach CFTR Structure. Methods in Molecular Biology, 2011, 741, 321-327.	0.9	2
27	Distinct molecular phenotypes involving several human diseases are induced by IFN-Î»3 and IFN-Î»4 in monocyte-derived macrophages. Genes and Immunity, 2022, 23, 73-84.	4.1	2