

# Juan Luis Mendoza

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

2,506  
citations

361413

20  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

5101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct molecular phenotypes involving several human diseases are induced by IFN- $\gamma$ 3 and IFN- $\gamma$ 4 in monocyte-derived macrophages. <i>Genes and Immunity</i> , 2022, 23, 73-84.	4.1	2
2	Masking the immunotoxicity of interleukin-12 by fusing it with a domain of its receptor via a tumour-protease-cleavable linker. <i>Nature Biomedical Engineering</i> , 2022, 6, 819-829.	22.5	32
3	Interferons and viruses induce a novel truncated ACE2 isoform and not the full-length SARS-CoV-2 receptor. <i>Nature Genetics</i> , 2020, 52, 1283-1293.	21.4	217
4	Interrogating the recognition landscape of a conserved HIV-specific TCR reveals distinct bacterial peptide cross-reactivity. <i>ELife</i> , 2020, 9, .	6.0	6
5	Structure of the IFN $\gamma$ 3 receptor complex guides design of biased agonists. <i>Nature</i> , 2019, 567, 56-60.	27.8	85
6	Antigen Identification for Orphan T Cell Receptors Expressed on Tumor-Infiltrating Lymphocytes. <i>Cell</i> , 2018, 172, 549-563.e16.	28.9	226
7	HLA-B57 micropolymorphism defines the sequence and conformational breadth of the immunopeptidome. <i>Nature Communications</i> , 2018, 9, 4693.	12.8	31
8	Differential induction of interferon stimulated genes between type I and type III interferons is independent of interferon receptor abundance. <i>PLoS Pathogens</i> , 2018, 14, e1007420.	4.7	100
9	A polymorphic residue that attenuates the antiviral potential of interferon lambda 4 in hominid lineages. <i>PLoS Pathogens</i> , 2018, 14, e1007307.	4.7	25
10	T cell receptor cross-reactivity expanded by dramatic peptide-MHC adaptability. <i>Nature Chemical Biology</i> , 2018, 14, 934-942.	8.0	77
11	Stress-testing the relationship between T cell receptor/peptide-MHC affinity and cross-reactivity using peptide velcro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7369-E7378.	7.1	21
12	The Intergenic Recombinant HLA-B*46:01 Has a Distinctive Peptidome that Includes KIR2DL3 Ligands. <i>Cell Reports</i> , 2017, 19, 1394-1405.	6.4	40
13	The IFN- $\gamma$ -IFN- $\gamma$ R1-IL-10R2 Complex Reveals Structural Features Underlying Type III IFN Functional Plasticity. <i>Immunity</i> , 2017, 46, 379-392.	14.3	89
14	Synthetic cytokines are surrogate cytokine and growth factor agonists that compel signaling through non-natural receptor dimers. <i>ELife</i> , 2017, 6, .	6.0	51
15	Alpha and Beta Type 1 Interferon Signaling: Passage for Diverse Biologic Outcomes. <i>Cell</i> , 2016, 164, 349-352.	28.9	120
16	Insights into Cytokine-Receptor Interactions from Cytokine Engineering. <i>Annual Review of Immunology</i> , 2015, 33, 139-167.	21.8	204
17	Multifarious Determinants of Cytokine Receptor Signaling Specificity. <i>Advances in Immunology</i> , 2014, 121, 1-39.	2.2	62
18	Deconstructing the Peptide-MHC Specificity of T Cell Recognition. <i>Cell</i> , 2014, 157, 1073-1087.	28.9	483

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19	Requirements for Efficient Correction of $\Delta F508$ CFTR Revealed by Analyses of Evolved Sequences. <i>Cell</i> , 2012, 148, 164-174.	28.9	243
20	Biochemical and Biophysical Approaches to Probe CFTR Structure. <i>Methods in Molecular Biology</i> , 2011, 741, 365-376.	0.9	5
21	Introduction to Section IV: Biophysical Methods to Approach CFTR Structure. <i>Methods in Molecular Biology</i> , 2011, 741, 321-327.	0.9	2
22	The Cystic Fibrosis-causing Mutation $\Delta F508$ Affects Multiple Steps in Cystic Fibrosis Transmembrane Conductance Regulator Biogenesis. <i>Journal of Biological Chemistry</i> , 2010, 285, 35825-35835.	3.4	160
23	A Unique Redox-sensing Sensor II Motif in TorsinA Plays a Critical Role in Nucleotide and Partner Binding*. <i>Journal of Biological Chemistry</i> , 2010, 285, 37271-37280.	3.4	52
24	Optical Detection of Disordered Water within a Protein Cavity. <i>Journal of the American Chemical Society</i> , 2009, 131, 12265-12272.	13.7	18
25	The pH Dependence of Heme Pocket Hydration and Ligand Rebinding Kinetics in Photodissociated Carbonmonoxymyoglobin. <i>Journal of Biological Chemistry</i> , 2008, 283, 14165-14175.	3.4	22
26	Building an understanding of cystic fibrosis on the foundation of ABC transporter structures. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 499-505.	2.3	52
27	Water and ligand entry in myoglobin: Assessing the speed and extent of heme pocket hydration after CO photodissociation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1254-1259.	7.1	55