

# A Raul Castaño

## List of Publications by Year in descending order

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27  
papers

1,624  
citations

471061

17  
h-index

610482

24  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure of Mouse CD1: An MHC-Like Fold with a Large Hydrophobic Binding Groove. <i>Science</i> , 1997, 277, 339-345.	6.0	596
2	Peptide binding and presentation by mouse CD1. <i>Science</i> , 1995, 269, 223-226.	6.0	244
3	Nonclassical binding of formylated peptide in crystal structure of the MHC class Ib molecule H2-M3. <i>Cell</i> , 1995, 82, 655-664.	13.5	151
4	Tissue distribution, regulation and intracellular localization of murine CD1 molecules. <i>Molecular Immunology</i> , 1998, 35, 525-536.	1.0	82
5	Major Histocompatibility Complex Class I Viral Antigen Processing in the Secretory Pathway Defined by the trans-Golgi Network Protease Furin. <i>Journal of Experimental Medicine</i> , 1998, 188, 1105-1116.	4.2	76
6	NKT TCR Recognition of CD1d- $\alpha$ -Galactosylceramide. <i>Journal of Immunology</i> , 2011, 187, 4705-4713.	0.4	62
7	Nonclassical behavior of the thymus leukemia antigen: peptide transporter-independent expression of a nonclassical class I molecule.. <i>Journal of Experimental Medicine</i> , 1995, 181, 1433-1443.	4.2	60
8	Generation of MHC Class I Peptide Antigens by Protein Processing in the Secretory Route by Furin. <i>Traffic</i> , 2000, 1, 641-651.	1.3	43
9	Structure of the HLA-A*0204 antigen, found in South American Indians. Spatial clustering of HLA-A2 subtype polymorphism. <i>Immunogenetics</i> , 1991, 34, 281-285.	1.2	38
10	Galacto-Configured Aminocyclitol Phytoceramides Are Potent in Vivo Invariant Natural Killer T Cell Stimulators. <i>Journal of the American Chemical Society</i> , 2011, 133, 12079-12084.	6.6	37
11	Structural analysis of HLA-A2.4 functional variant KNE. Implications for the mapping of HLA-A2-specific T-cell epitopes. <i>Immunogenetics</i> , 1988, 27, 196-202.	1.2	26
12	Antigen-presenting Function of the TL Antigen and Mouse CD1 Molecules. <i>Immunological Reviews</i> , 1995, 147, 31-52.	2.8	24
13	Structural and Functional Characterization of a Novel Nonglycosidic Type I NKT Agonist with Immunomodulatory Properties. <i>Journal of Immunology</i> , 2012, 188, 2254-2265.	0.4	24
14	Structure of the HLA-A*0211 (A2.5) subtype: further evidence for selection-driven diversification of HLA-A2 antigens. <i>Immunogenetics</i> , 1992, 35, 344-6.	1.2	21
15	Aminocyclitol-Substituted Phytoceramides and their Effects on iNKT Cell Stimulation. <i>ChemMedChem</i> , 2009, 4, 1608-1613.	1.6	21
16	An HLA-A2 population variant with structural polymorphism in the $\beta$ 3 region. <i>Immunogenetics</i> , 1988, 27, 345-355.	1.2	20
17	IL-17A concentration of seminal plasma and follicular fluid in infertile men and women with various clinical diagnoses. <i>Immunological Investigations</i> , 2014, 43, 617-626.	1.0	20
18	Molecular analysis of HLA-A2.4 functional variant KLO: close structural and evolutionary relatedness to the HLA-A2.2 subtype. <i>Immunogenetics</i> , 1988, 28, 143-152.	1.2	17

#	ARTICLE	IF	CITATIONS
19	Differential effect of CD69 targeting on bystander and antigen-specific T cell proliferation. <i>Journal of Leukocyte Biology</i> , 2012, 92, 145-158.	1.5	17
20	Clinical and Histopathological Amelioration of Experimental Autoimmune Encephalomyelitis by AAV Vectors Expressing a Soluble Interleukin-23 Receptor. <i>Neurotherapeutics</i> , 2017, 14, 1095-1106.	2.1	14
21	Studies on evolutionary and selective properties of hypercycles using a Monte Carlo method. <i>Journal of Molecular Evolution</i> , 1987, 26, 294-300.	0.8	11
22	Antigen-presenting Function of the Mouse CD1 Molecules. <i>Annals of the New York Academy of Sciences</i> , 1996, 778, 288-296.	1.8	11
23	Lymphocyte-Epithelial Cross-Talk in the Intestine. , 1996, , 205-226.		4
24	CDK11 Promotes Cytokine-Induced Apoptosis in Pancreatic Beta Cells Independently of Glucose Concentration and Is Regulated by Inflammation in the NOD Mouse Model. <i>Frontiers in Immunology</i> , 2021, 12, 634797.	2.2	2
25	Principles of Antigen Processing and Presentation. , 1996, , 3-28.		1
26	Crystal structure of murine CD1d1. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1996, 52, C218-C218.	0.3	0
27	HLA-A2 Allrecognition and Subtype Diversification. , 1992, , 89-95.		0