

Enrico Girardi

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,844
citations

304743

22
h-index

377865

34
g-index

40
all docs

40
docs citations

40
times ranked

2397
citing authors

#	ARTICLE	IF	CITATIONS
1	Invariant natural killer T cells recognize glycolipids from pathogenic Gram-positive bacteria. <i>Nature Immunology</i> , 2011, 12, 966-974.	14.5	295
2	NANS-mediated synthesis of sialic acid is required for brain and skeletal development. <i>Nature Genetics</i> , 2016, 48, 777-784.	21.4	125
3	Type II natural killer T cells use features of both innate-like and conventional T cells to recognize sulfatide self antigens. <i>Nature Immunology</i> , 2012, 13, 851-856.	14.5	123
4	TASL is the SLC15A4-associated adaptor for IRF5 activation by TLR7/9. <i>Nature</i> , 2020, 581, 316-322.	27.8	117
5	Galactose-modified iNKT cell agonists stabilized by an induced fit of CD1d prevent tumour metastasis. <i>EMBO Journal</i> , 2011, 30, 2294-2305.	7.8	98
6	A widespread role for SLC transmembrane transporters in resistance to cytotoxic drugs. <i>Nature Chemical Biology</i> , 2020, 16, 469-478.	8.0	84
7	The V α 14 invariant natural killer T cell TCR forces microbial glycolipids and CD1d into a conserved binding mode. <i>Journal of Experimental Medicine</i> , 2010, 207, 2383-2393.	8.5	78
8	Epistasis-driven identification of SLC25A51 as a regulator of human mitochondrial NAD import. <i>Nature Communications</i> , 2020, 11, 6145.	12.8	78
9	Molecular basis of lipid antigen presentation by CD1d and recognition by natural killer T cells. <i>Immunological Reviews</i> , 2012, 250, 167-179.	6.0	72
10	The Bicarbonate Transporter SLC4A7 Plays a Key Role in Macrophage Phagosome Acidification. <i>Cell Host and Microbe</i> , 2018, 23, 766-774.e5.	11.0	65
11	Recognition of Lysophosphatidylcholine by Type II NKT Cells and Protection from an Inflammatory Liver Disease. <i>Journal of Immunology</i> , 2014, 193, 4580-4589.	0.8	62
12	Recognition of Microbial Glycolipids by Natural Killer T Cells. <i>Frontiers in Immunology</i> , 2015, 6, 400.	4.8	58
13	Cutting Edge: Structural Basis for the Recognition of β -Linked Glycolipid Antigens by Invariant NKT Cells. <i>Journal of Immunology</i> , 2011, 187, 2079-2083.	0.8	57
14	<i>Helicobacter pylori</i> Cholesteryl β -Glucosides Contribute to Its Pathogenicity and Immune Response by Natural Killer T Cells. <i>PLoS ONE</i> , 2013, 8, e78191.	2.5	56
15	The RESOLUTE consortium: unlocking SLC transporters for drug discovery. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 429-430.	46.4	53
16	Unique Interplay between Sugar and Lipid in Determining the Antigenic Potency of Bacterial Antigens for NKT Cells. <i>PLoS Biology</i> , 2011, 9, e1001189.	5.6	43
17	NKT Cell Ligand Recognition Logic: Molecular Basis for a Synaptic Duet and Transmission of Inflammatory Effectors. <i>Journal of Immunology</i> , 2011, 187, 1081-1089.	0.8	40
18	Glycolipids that Elicit IFN- γ -Biased Responses from Natural Killer T Cells. <i>Chemistry and Biology</i> , 2011, 18, 1620-1630.	6.0	37

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19	A substrate-based ontology for human solute carriers. <i>Molecular Systems Biology</i> , 2020, 16, e9652.	7.2	31
20	Structural Basis for the Recognition of C20:2- $\hat{\pm}$ GalCer by the Invariant Natural Killer T Cell Receptor-like Antibody L363*. <i>Journal of Biological Chemistry</i> , 2012, 287, 1269-1278.	3.4	29
21	A Novel Glycolipid Antigen for NKT Cells That Preferentially Induces IFN- $\hat{\pm}$ Production. <i>Journal of Immunology</i> , 2015, 195, 924-933.	0.8	28
22	Systematic genetic mapping of necroptosis identifies SLC39A7 as modulator of death receptor trafficking. <i>Cell Death and Differentiation</i> , 2019, 26, 1138-1155.	11.2	26
23	The crystal structure of rabbit IgG-Fc. <i>Biochemical Journal</i> , 2009, 417, 77-83.	3.7	25
24	Structural and Functional Characterization of a Novel Nonglycosidic Type I NKT Agonist with Immunomodulatory Properties. <i>Journal of Immunology</i> , 2012, 188, 2254-2265.	0.8	24
25	In silico Prioritization of Transporter-Drug Relationships From Drug Sensitivity Screens. <i>Frontiers in Pharmacology</i> , 2018, 9, 1011.	3.5	23
26	Cross-species analysis of viral nucleic acid interacting proteins identifies TAOs as innate immune regulators. <i>Nature Communications</i> , 2021, 12, 7009.	12.8	22
27	Autoreactivity to Sulfatide by Human Invariant NKT Cells. <i>Journal of Immunology</i> , 2017, 199, 97-106.	0.8	19
28	Crystal Structure of Bovine CD1b3 with Endogenously Bound Ligands. <i>Journal of Immunology</i> , 2010, 185, 376-386.	0.8	15
29	Lipid and Carbohydrate Modifications of $\hat{\pm}$ -Galactosylceramide Differently Influence Mouse and Human Type I Natural Killer T Cell Activation. <i>Journal of Biological Chemistry</i> , 2015, 290, 17206-17217.	3.4	15
30	The transporters SLC35A1 and SLC30A1 play opposite roles in cell survival upon VSV virus infection. <i>Scientific Reports</i> , 2019, 9, 10471.	3.3	13
31	Structure of an $\hat{\pm}$ -Helical Peptide and Lipopeptide Bound to the Nonclassical Major Histocompatibility Complex (MHC) Class I Molecule CD1d*. <i>Journal of Biological Chemistry</i> , 2016, 291, 10677-10683.	3.4	10
32	Cell-surface SLC nucleoside transporters and purine levels modulate BRD4-dependent chromatin states. <i>Nature Metabolism</i> , 2021, 3, 651-664.	11.9	7
33	A $\hat{\pm}$ cell glimpse of glycolipids. <i>Immunology and Cell Biology</i> , 2014, 92, 99-100.	2.3	1
34	Galactose modified iNKT cell agonists stabilised by a novel structural modification of CD1d lead to marked Th1 polarisation in vivo. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A53-A53.	0.9	0