Carola Garcia de Vinuesa

List of Publications by Year
in descending order

127 papers	18,336 citations	28736 57 h-index	21239 119 g-index
136 all docs	136 docs citations	136 times ranked	20384 citing authors

#	Article	IF	Citations
1	P2RY8 variants in lupus patients uncover a role for the receptor in immunological tolerance. Journal of Experimental Medicine, 2022, 219, .	4.2	26
2	Monocytes asphyxiate germinal centers. Immunity, 2022, 55, 385-387.	6.6	0
3	TLR7 gain-of-function genetic variation causes human lupus. Nature, 2022, 605, 349-356.	13.7	208
4	Extrafollicular Plasmablasts Present in the Acute Phase of Infections Express High Levels of PD-L1 and Are Able to Limit T Cell Response. Frontiers in Immunology, 2022, 13, .	2.2	1
5	A Dual-Antigen Enzyme-Linked Immunosorbent Assay Allows the Assessment of Severe Acute Respiratory Syndrome Coronavirus 2 Antibody Seroprevalence in a Low-Transmission Setting. Journal of Infectious Diseases, 2021, 223, 10-14.	1.9	21
6	Infanticide vs. inherited cardiac arrhythmias. Europace, 2021, 23, 441-450.	0.7	21
7	Follicular regulatory TÂcells produce neuritin to regulate B cells. Cell, 2021, 184, 1775-1789.e19.	13.5	97
8	Sequence-dependent inhibition of cGAS and TLR9 DNA sensing by 2â€²-<i>O</i>-methyl gapmer oligonucleotides. Nucleic Acids Research, 2021, 49, 6082-6099.	6.5	16
9	Increased burden of rare variants in genes of the endosomal Toll-like receptor pathway in patients with systemic lupus erythematosus. Lupus, 2021, 30, 1756-1763.	0.8	2
10	CD4+ T cells that help B cells â€" a proposal for uniform nomenclature. Trends in Immunology, 2021, 42, 658-669.	2.9	65
11	<i>JEM</i> career launchpad. Journal of Experimental Medicine, 2021, 218, .	4.2	0
12	<i>Nfkb2</i> variants reveal a p100-degradation threshold that defines autoimmune susceptibility. Journal of Experimental Medicine, 2021, 218, .	4.2	16
13	Structural and functional analysis of target recognition by the lymphocyte adaptor protein LNK. Nature Communications, 2021, 12, 6110.	5.8	6
14	Deletions in VANGL1 are a risk factor for antibody-mediated kidney disease. Cell Reports Medicine, 2021, 2, 100475.	3.3	2
15	COVID-19 Makes B Cells Forget, but T Cells Remember. Cell, 2020, 183, 13-15.	13.5	169
16	Equitable Expanded Carrier Screening Needs Indigenous Clinical and Population Genomic Data. American Journal of Human Genetics, 2020, 107, 175-182.	2.6	24
17	A missense mutation in the MLKL brace region promotes lethal neonatal inflammation and hematopoietic dysfunction. Nature Communications, 2020, 11, 3150.	5.8	75
18	Rare genetic variants in systemic autoimmunity. Immunology and Cell Biology, 2020, 98, 490-499.	1.0	8

#	Article	IF	Citations
19	Genomic test ends a long diagnostic odyssey in a patient with resistance to thyroid hormones. Thyroid Research, 2019, 12, 7.	0.7	1
20	Class-Switch Recombination Occurs Infrequently in Germinal Centers. Immunity, 2019, 51, 337-350.e7.	6.6	329
21	A human immune dysregulation syndrome characterized by severe hyperinflammation with a homozygous nonsense Roquin-1 mutation. Nature Communications, 2019, 10, 4779.	5.8	43
22	Non-parametric Heat Map Representation of Flow Cytometry Data: Identifying Cellular Changes Associated With Genetic Immunodeficiency Disorders. Frontiers in Immunology, 2019, 10, 2134.	2.2	8
23	Regulatory roles of IL-10â€“producing human follicular T cells. Journal of Experimental Medicine, 2019, 216, 1843-1856.	4.2	62
24	Functional rare and low frequency variants in BLK and BANK1 contribute to human lupus. Nature Communications, 2019, 10, 2201.	5.8	73
25	Systemic lupus erythematosus: A new autoimmune disorder in Kabuki syndrome. European Journal of Medical Genetics, 2019, 62, 103538.	0.7	10
26	STAT3 regulates cytotoxicity of human CD57+ CD4+ T cells in blood and lymphoid follicles. Scientific Reports, 2018, 8, 3529.	1.6	29
27	Atypical chemokine receptor 4 shapes activated B cell fate. Journal of Experimental Medicine, 2018, 215, 801-813.	4.2	18
28	HIV Immunogens: Affinity Is Key. Immunity, 2018, 48, 11-13.	6.6	2
29	Gain-of-function <i>IKBKB</i> mutation causes human combined immune deficiency. Journal of Experimental Medicine, 2018, 215, 2715-2724.	4.2	69
30	Synaptic Interactions in Germinal Centers. Frontiers in Immunology, 2018, 9, 1858.	2.2	48
31	Germinal Center Lymphocyte Ratios and Successful HIV Vaccines. Trends in Molecular Medicine, 2017, 23, 95-97.	3.5	6
32	Plexin B2 and Semaphorin 4C Guide T Cell Recruitment and Function in the Germinal Center. Cell Reports, 2017, 19, 995-1007.	2.9	40
33	Modulation of Roquin Function in Myeloid Cells ReducesMycobacterium tuberculosisâ€“Induced Inflammation. Journal of Immunology, 2017, 199, 1796-1804.	0.4	1
34	TFH-derived dopamine accelerates productive synapses in germinal centres. Nature, 2017, 547, 318-323.	13.7	124
35	Unconventional Pro-inflammatory CD4+ T Cell Response in B Cell-Deficient Mice Infected with Trypanosoma cruzi. Frontiers in Immunology, 2017, 8, 1548.	2.2	20
36	Extrafollicular Antibody Responses. , 2016, , 208-215.		2

#	Article	IF	Citations
37	T Follicular Helper Cells in Transplantation. Transplantation, 2016, 100, 1650-1655.	0.5	58
38	Identification of a pathogenic variant in TREX1 in early-onset cerebral SLE by whole-exome sequencing. Pathology, 2016, 48, S47.	0.3	2
39	ROQUIN signalling pathways in innate and adaptive immunity. European Journal of Immunology, 2016, 46, 1082-1090.	1.6	26
40	IL-27 Directly Enhances Germinal Center B Cell Activity and Potentiates Lupus in <i>Sanroque</i> Mice. Journal of Immunology, 2016, 197, 3008-3017.	0.4	27
41	Dietary Fiber and Bacterial SCFA Enhance Oral Tolerance and Protect against Food Allergy through Diverse Cellular Pathways. Cell Reports, 2016, 15, 2809-2824.	2.9	489
42	Follicular Helper T Cells. Annual Review of Immunology, 2016, 34, 335-368.	9.5	912
43	Attenuation of AMPK signaling by ROQUIN promotes T follicular helper cell formation. ELife, 2015, 4, .	2.8	52
44	Regnase-1 and Roquin Regulate a Common Element in Inflammatory mRNAs by Spatiotemporally Distinct Mechanisms. Cell, 2015, 161, 1058-1073.	13.5	296
45	Roquin binds microRNA-146a and Argonaute2 to regulate microRNA homeostasis. Nature Communications, 2015, 6, 6253.	5.8	59
46	Pathophysiology of T follicular helper cells in humans and mice. Nature Immunology, 2015, 16, 142-152.	7.0	371
47	MicroRNA-146a regulates ICOSâ€"ICOSL signalling to limit accumulation of T follicular helper cells and germinal centres. Nature Communications, 2015, 6, 6436.	5.8	106
48	Reducing the search space for causal genetic variants with VASP. Bioinformatics, 2015, 31, 2377-2379.	1.8	17
49	Posttranscriptional T cell gene regulation to limit Tfh cells and autoimmunity. Current Opinion in Immunology, 2015, 37, 21-27.	2.4	14
50	Detection of Mouse Natural Killer T Follicular Helper (NKTFH) Cells by Flow Cytometry. Methods in Molecular Biology, 2015, 1291, 135-141.	0.4	2
51	Inflammation: Gone with Translation. PLoS Genetics, 2014, 10, e1004442.	1.5	1
52	Control of TFH cell numbers: why and how?. Immunology and Cell Biology, 2014, 92, 40-48.	1.0	82
53	Brief Report: Identification of a Pathogenic Variant in TREX1 in Earlyâ€Onset Cerebral Systemic Lupus Erythematosus by Wholeâ€Exome Sequencing. Arthritis and Rheumatology, 2014, 66, 3382-3386.	2.9	61
54	Innate B cell helpers reveal novel types of antibody responses. Nature Immunology, 2013, 14, 119-126.	7.0	122

#	Article	IF	Citations
55	Circulating Precursor CCR7loPD-1hi CXCR5+ CD4+ T Cells Indicate Tfh Cell Activity and Promote Antibody Responses upon Antigen Reexposure. Immunity, 2013, 39, 770-781.	6.6	571
56	Human SNP Links Differential Outcomes in Inflammatory and Infectious Disease to a FOXO3-Regulated Pathway. Cell, 2013, 155, 57-69.	13.5	200
57	Tâ€cell subsets in the germinal center. Immunological Reviews, 2013, 252, 146-155.	2.8	167
58	Roquin-2 Shares Functions with Its Paralog Roquin-1 in the Repression of mRNAs Controlling T Follicular Helper Cells and Systemic Inflammation. Immunity, 2013, 38, 669-680.	6.6	120
59	Heterozygous mis-sense mutations in Prkcb as a critical determinant of anti-polysaccharide antibody formation. Genes and Immunity, 2013, 14, 223-233.	2.2	5
60	Breakdown in Repression of IFN-Î³ mRNA Leads to Accumulation of Self-Reactive Effector CD8+ T Cells. Journal of Immunology, 2012, 189, 701-710.	0.4	21
61	Heterozygosity for Roquinsan leads to angioimmunoblastic T-cell lymphoma-like tumors in mice. Blood, 2012, 120, 812-821.	0.6	40
62	Interferon-Î³ Excess Leads to Pathogenic Accumulation of Follicular Helper T Cells and Germinal Centers. Immunity, 2012, 37, 880-892.	6.6	218
63	Identification of Bcl-6-dependent follicular helper NKT cells that provide cognate help for B cell responses. Nature Immunology, 2012, 13, 35-43.	7.0	249
64	Developing connections amongst key cytokines and dysregulated germinal centers in autoimmunity. Current Opinion in Immunology, 2012, 24, 658-664.	2.4	51
65	Dysregulation of immune homeostasis in autoimmune diseases. Nature Medicine, 2012, 18, 42-47.	15.2	94
66	Tâ€follicular helper cell differentiation and the coâ€option of this pathway by nonâ€helper cells. Immunological Reviews, 2012, 247, 143-159.	2.8	76
67	HIV and T follicular helper cells: a dangerous relationship. Journal of Clinical Investigation, 2012, 122, 3059-3062.	3.9	34
68	Foxp3+ follicular regulatory T cells control the germinal center response. Nature Medicine, 2011, 17, 975-982.	15.2	1,092
69	How T Cells Earn the Follicular Rite of Passage. Immunity, 2011, 35, 671-680.	6.6	189
70	A BATF-ling connection between B cells and follicular helper T cells. Nature Immunology, 2011, 12, 519-520.	7.0	20
71	Blood Relatives of Follicular Helper T Cells. Immunity, 2011, 34, 10-12.	6.6	45
72	Anti-Islet Autoantibodies Trigger Autoimmune Diabetes in the Presence of an Increased Frequency of Islet-Reactive CD4 T Cells. Diabetes, 2011, 60, 2102-2111.	0.3	54

#	Article	IF	Citations
73	B cell priming for extrafollicular antibody responses requires Bcl-6 expression by T cells. Journal of Experimental Medicine, 2011, 208, 1377-1388.	4.2	250
74	Signals that influence T follicular helper cell differentiation and function. Seminars in Immunopathology, 2010, 32, 183-196.	2.8	115
75	Expansion of circulating T cells resembling follicular helper T cells is a fixed phenotype that identifies a subset of severe systemic lupus erythematosus. Arthritis and Rheumatism, 2010, 62, 234-244.	6.7	593
76	T cells and follicular dendritic cells in germinal center Bâ€cell formation and selection. Immunological Reviews, 2010, 237, 72-89.	2.8	252
77	The ROQUIN family of proteins localizes to stress granules via the ROQ domain and binds target mRNAs. FEBS Journal, 2010, 277, 2109-2127.	2.2	69
78	Multiple checkpoints keep follicular helper T cells under control to prevent autoimmunity. Cellular and Molecular Immunology, 2010, 7, 198-203.	4.8	37
79	Control systems and decision making for antibody production. Nature Immunology, 2010, 11, 681-688.	7.0	355
80	T Follicular Helper Cells During Immunity and Tolerance. Progress in Molecular Biology and Translational Science, 2010, 92, 207-248.	0.9	43
81	IL-21 acts directly on B cells to regulate Bcl-6 expression and germinal center responses. Journal of Experimental Medicine, 2010, 207, 353-363.	4.2	659
82	The elusive identity of T follicular helper cells. Trends in Immunology, 2010, 31, 377-383.	2.9	145
83	Follicular helper T cells are required for systemic autoimmunity. Journal of Experimental Medicine, 2009, 206, 561-576.	4.2	530
84	Roquin Defects Reveal a Role for the MicroRNA Machinery in Regulating Autoimmunity. , 2009, , 261-278.		0
85	Roquin Differentiates the Specialized Functions of Duplicated T Cell Costimulatory Receptor Genes Cd28 and Icos. Immunity, 2009, 30, 228-241.	6.6	129
86	Themis is a member of a new metazoan gene family and is required for the completion of thymocyte positive selection. Nature Immunology, 2009, 10, 831-839.	7.0	108
87	Dock8 mutations cripple B cell immunological synapses, germinal centers and long-lived antibody production. Nature Immunology, 2009, 10, 1283-1291.	7.0	236
88	Dysregulation of germinal centres in autoimmune disease. Nature Reviews Immunology, 2009, 9, 845-857.	10.6	389
89	The Transcriptional Repressor Bcl-6 Directs T Follicular Helper Cell Lineage Commitment. Immunity, 2009, 31, 457-468.	6.6	1,041
90	Logic and Extent of miRNA-Mediated Control of Autoimmune Gene Expression. International Reviews of Immunology, 2009, 28, 112-138.	1.5	68

#	Article	IF	Citations
91	Two levels of protection for the B cell genome during somatic hypermutation. Nature, 2008, 451, 841-845.	13.7	524
92	Axon growth and guidance genes identify Tâ€dependent germinal centre B cells. Immunology and Cell Biology, 2008, 86, 3-14.	1.0	50
93	SiLEncing SLE: the power and promise of small noncoding RNAs. Current Opinion in Rheumatology, 2008, 20, 526-531.	2.0	21
94	The Molecular Basis of Lymphoid Architecture in the Mouse. , 2007, , 57-108.		0
95	ICB launches a new article category â€" <i>Outstanding Observation</i>. Immunology and Cell Biology, 2007, 85, 343-343.	1.0	0
96	Roquin represses autoimmunity by limiting inducible T-cell co-stimulator messenger RNA. Nature, 2007, 450, 299-303.	13.7	376
97	Genetic Analysis of Systemic Autoimmunity. Novartis Foundation Symposium, 2007, 281, 103-128.	1.2	6
98	Tolerance Mechanisms in the Late Phase of the Antibody Response. , 2007, 596, 163-168.		9
99	ENU-mutagenesis: insight into immune function and pathology. Current Opinion in Immunology, 2006, 18, 627-633.	2.4	59
100	Fat Aussieâ€"A New Alstrol̀m Syndrome Mouse Showing a Critical Role for ALMS1 in Obesity, Diabetes, and Spermatogenesis. Molecular Endocrinology, 2006, 20, 1610-1622.	3.7	147
101	Enhanced antiviral antibody secretion and attenuated immunopathology during influenza virus infection in nitric oxide synthase-2-deficient mice. Journal of General Virology, 2006, 87, 3361-3371.	1.3	39
102	B cell clones that sustain long-term plasmablast growth in T-independent extrafollicular antibody responses. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5905-5910.	3.3	155
103	Follicular B helper T cells in antibody responses and autoimmunity. Nature Reviews Immunology, 2005, 5, 853-865.	10.6	541
104	A RING-type ubiquitin ligase family member required to repress follicular helper T cells and autoimmunity. Nature, 2005, 435, 452-458.	13.7	777
105	Cellular and genetic mechanisms of self tolerance and autoimmunity. Nature, 2005, 435, 590-597.	13.7	586
106	Illuminating Autoimmune Regulators through Controlled Variation of the Mouse Genome Sequence. Immunity, 2004, 20, 669-679.	6.6	44
107	Recirculating and germinal center B cells differentiate into cells responsive to polysaccharide antigens. European Journal of Immunology, 2003, 33, 297-305.	1.6	56
108	Extrafollicular antibody responses. Immunological Reviews, 2003, 194, 8-18.	2.8	525

#	Article	IF	Citations
109	Resistance to CpG DNAâ€“induced autoimmunity through tolerogenic B cell antigen receptor ERK signaling. Nature Immunology, 2003, 4, 594-600.	7.0	185
110	Identifying the MAGUK Protein Carma-1 as a Central Regulator of Humoral Immune Responses and Atopy by Genome-Wide Mouse Mutagenesis. Immunity, 2003, 18, 751-762.	6.6	283
111	Low-level Hypermutation in T Cellâ€“independent Germinal Centers Compared with High Mutation Rates Associated with T Cellâ€“dependent Germinal Centers. Journal of Experimental Medicine, 2002, 195, 383-389.	4.2	162
112	Dendritic Cells, BAFF, and APRIL. Immunity, 2002, 17, 235-238.	6.6	166
113	DNA drives autoimmunity. Nature, 2002, 416, 595-597.	13.7	51
114	Analysis of B Cell Memory Formation Using DNA Microarrays. Annals of the New York Academy of Sciences, 2002, 975, 33-45.	1.8	16
115	Tracking the response of Xid B cells in vivo: TI-2 antigen induces migration and proliferation but Btk is essential for terminal differentiation. European Journal of Immunology, 2001, 31, 1340-1350.	1.6	40
116	Clinical implications of the specialised B cell response to polysaccharide encapsulated pathogens. Postgraduate Medical Journal, 2001, 77, 562-569.	0.9	27
117	The Molecular Basis of Lymphoid Architecture and B cell Res-ponses: Implications for Immunodeficiency and Immunopathology. Current Molecular Medicine, 2001, 1, 689-725.	0.6	30
118	Germinal Centers without T Cells. Journal of Experimental Medicine, 2000, 191, 485-494.	4.2	254
119	Intrinsic Constraint on Plasmablast Growth and Extrinsic Limits of Plasma Cell Survival. Journal of Experimental Medicine, 2000, 192, 813-822.	4.2	268
120	Bâ€“cell memory and the persistence of antibody responses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 345-350.	1.8	24
121	T-independent type 2 antigens induce B cell proliferation in multiple splenic sites, but exponential growth is confined to extrafollicular foci. European Journal of Immunology, 1999, 29, 1314-1323.	1.6	111
122	Anti-CD40 antibody enhances responses to polysaccharide without mimicking T cell help. European Journal of Immunology, 1999, 29, 3216-3224.	1.6	40
123	Dendritic cells associated with plasmablast survival. European Journal of Immunology, 1999, 29, 3712-3721.	1.6	127
124	T-independent type 2 antigens induce B cell proliferation in multiple splenic sites, but exponential growth is confined to extrafollicular foci. , 1999, 29, 1314.		2
125	Anti-CD40 antibody enhances responses to polysaccharide without mimicking T cell help. , 1999, 29, 3216.		2
126	Dendritic cells associated with plasmablast survival. , 1999, 29, 3712.		5

#	Article	IF	Citations
127	TFR Cells Express Functional CCR6 But It Is Dispensable for Their Development and Localization During Splenic Humoral Immune Responses. Frontiers in Immunology, 0, 13, .	2.2	1