Carola Garcia de Vinuesa

List of Publications by Year
in descending order

127 papers	18,336 citations	25034 57 h-index	17105 122 g-index
136 all docs	136 docs citations	136 times ranked	18868 citing authors

#	Article	IF	Citations
1	Foxp3+ follicular regulatory T cells control the germinal center response. Nature Medicine, 2011, 17, 975-982.	30.7	1,092
2	The Transcriptional Repressor Bcl-6 Directs T Follicular Helper Cell Lineage Commitment. Immunity, 2009, 31, 457-468.	14.3	1,041
3	Follicular Helper T Cells. Annual Review of Immunology, 2016, 34, 335-368.	21.8	912
4	A RING-type ubiquitin ligase family member required to repress follicular helper T cells and autoimmunity. Nature, 2005, 435, 452-458.	27.8	777
5	IL-21 acts directly on B cells to regulate Bcl-6 expression and germinal center responses. Journal of Experimental Medicine, 2010, 207, 353-363.	8.5	659
6	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
7	Cellular and genetic mechanisms of self tolerance and autoimmunity. Nature, 2005, 435, 590-597.	27.8	586
8	Circulating Precursor CCR7loPD-1hi CXCR5+ CD4+ T Cells Indicate Tfh Cell Activity and Promote Antibody Responses upon Antigen Reexposure. Immunity, 2013, 39, 770-781.	14.3	571
9	Follicular B helper T cells in antibody responses and autoimmunity. Nature Reviews Immunology, 2005, 5, 853-865.	22.7	541
10	Follicular helper T cells are required for systemic autoimmunity. Journal of Experimental Medicine, 2009, 206, 561-576.	8.5	530
11	Extrafollicular antibody responses. Immunological Reviews, 2003, 194, 8-18.	6.0	525
12	Two levels of protection for the B cell genome during somatic hypermutation. Nature, 2008, 451, 841-845.	27.8	524
13	Dietary Fiber and Bacterial SCFA Enhance Oral Tolerance and Protect against Food Allergy through Diverse Cellular Pathways. Cell Reports, 2016, 15, 2809-2824.	6.4	489
14	Dysregulation of germinal centres in autoimmune disease. Nature Reviews Immunology, 2009, 9, 845-857.	22.7	389
15	Roquin represses autoimmunity by limiting inducible T-cell co-stimulator messenger RNA. Nature, 2007, 450, 299-303.	27.8	376
16	Pathophysiology of T follicular helper cells in humans and mice. Nature Immunology, 2015, 16, 142-152.	14.5	371
17	Control systems and decision making for antibody production. Nature Immunology, 2010, 11, 681-688.	14.5	355
18	Class-Switch Recombination Occurs Infrequently in Germinal Centers. Immunity, 2019, 51, 337-350.e7.	14.3	329

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19	Regnase-1 and Roquin Regulate a Common Element in Inflammatory mRNAs by Spatiotemporally Distinct Mechanisms. Cell, 2015, 161, 1058-1073.	28.9	296
20	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.	14.3	283
21	Intrinsic Constraint on Plasmablast Growth and Extrinsic Limits of Plasma Cell Survival. Journal of Experimental Medicine, 2000, 192, 813-822.	8.5	268
22	Germinal Centers without T Cells. Journal of Experimental Medicine, 2000, 191, 485-494.	8.5	254
23	T cells and follicular dendritic cells in germinal center Bâ€cell formation and selection. Immunological Reviews, 2010, 237, 72-89.	6.0	252
24	B cell priming for extrafollicular antibody responses requires Bcl-6 expression by T cells. Journal of Experimental Medicine, 2011, 208, 1377-1388.	8.5	250
25	Identification of Bcl-6-dependent follicular helper NKT cells that provide cognate help for B cell responses. Nature Immunology, 2012, 13, 35-43.	14.5	249
26	Dock8 mutations cripple B cell immunological synapses, germinal centers and long-lived antibody production. Nature Immunology, 2009, 10, 1283-1291.	14.5	236
27	Interferon-Î³ Excess Leads to Pathogenic Accumulation of Follicular Helper T Cells and Germinal Centers. Immunity, 2012, 37, 880-892.	14.3	218
28	TLR7 gain-of-function genetic variation causes human lupus. Nature, 2022, 605, 349-356.	27.8	208
29	Human SNP Links Differential Outcomes in Inflammatory and Infectious Disease to a FOXO3-Regulated Pathway. Cell, 2013, 155, 57-69.	28.9	200
30	How T Cells Earn the Follicular Rite of Passage. Immunity, 2011, 35, 671-680.	14.3	189
31	Resistance to CpG DNAâ€“induced autoimmunity through tolerogenic B cell antigen receptor ERK signaling. Nature Immunology, 2003, 4, 594-600.	14.5	185
32	COVID-19 Makes B Cells Forget, but T Cells Remember. Cell, 2020, 183, 13-15.	28.9	169
33	Tâ€cell subsets in the germinal center. Immunological Reviews, 2013, 252, 146-155.	6.0	167
34	Dendritic Cells, BAFF, and APRIL. Immunity, 2002, 17, 235-238.	14.3	166
35	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.	8.5	162
36	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.	7.1	155

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37	Fat Aussieâ€"A New Alstroì†m Syndrome Mouse Showing a Critical Role for ALMS1 in Obesity, Diabetes, and Spermatogenesis. Molecular Endocrinology, 2006, 20, 1610-1622.	3.7	147
38	The elusive identity of T follicular helper cells. Trends in Immunology, 2010, 31, 377-383.	6.8	145
39	Roquin Differentiates the Specialized Functions of Duplicated T Cell Costimulatory Receptor Genes Cd28 and Icos. Immunity, 2009, 30, 228-241.	14.3	129
40	Dendritic cells associated with plasmablast survival. European Journal of Immunology, 1999, 29, 3712-3721.	2.9	127
41	TFH-derived dopamine accelerates productive synapses in germinal centres. Nature, 2017, 547, 318-323.	27.8	124
42	Innate B cell helpers reveal novel types of antibody responses. Nature Immunology, 2013, 14, 119-126.	14.5	122
43	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.	14.3	120
44	Signals that influence T follicular helper cell differentiation and function. Seminars in Immunopathology, 2010, 32, 183-196.	6.1	115
45	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.	2.9	111
46	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.	14.5	108
47	MicroRNA-146a regulates ICOSâ€"ICOSL signalling to limit accumulation of T follicular helper cells and germinal centres. Nature Communications, 2015, 6, 6436.	12.8	106
48	Follicular regulatory TÂcells produce neuritin to regulate B cells. Cell, 2021, 184, 1775-1789.e19.	28.9	97
49	Dysregulation of immune homeostasis in autoimmune diseases. Nature Medicine, 2012, 18, 42-47.	30.7	94
50	Control of TFH cell numbers: why and how?. Immunology and Cell Biology, 2014, 92, 40-48.	2.3	82
51	Tâ€follicular helper cell differentiation and the coâ€option of this pathway by nonâ€helper cells. Immunological Reviews, 2012, 247, 143-159.	6.0	76
52	A missense mutation in the MLKL brace region promotes lethal neonatal inflammation and hematopoietic dysfunction. Nature Communications, 2020, 11, 3150.	12.8	75
53	Functional rare and low frequency variants in BLK and BANK1 contribute to human lupus. Nature Communications, 2019, 10, 2201.	12.8	73
54	The ROQUIN family of proteins localizes to stress granules via the ROQ domain and binds target mRNAs. FEBS Journal, 2010, 277, 2109-2127.	4.7	69

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55	Gain-of-function IKBKB mutation causes human combined immune deficiency. Journal of Experimental Medicine, 2018, 215, 2715-2724.	8.5	69
56	Logic and Extent of miRNA-Mediated Control of Autoimmune Gene Expression. International Reviews of Immunology, 2009, 28, 112-138.	3.3	68
57	CD4+ T cells that help B cells â€“ a proposal for uniform nomenclature. Trends in Immunology, 2021, 42, 658-669.	6.8	65
58	Regulatory roles of IL-10â€“producing human follicular T cells. Journal of Experimental Medicine, 2019, 216, 1843-1856.	8.5	62
59	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.	5.6	61
60	ENU-mutagenesis: insight into immune function and pathology. Current Opinion in Immunology, 2006, 18, 627-633.	5.5	59
61	Roquin binds microRNA-146a and Argonaute2 to regulate microRNA homeostasis. Nature Communications, 2015, 6, 6253.	12.8	59
62	T Follicular Helper Cells in Transplantation. Transplantation, 2016, 100, 1650-1655.	1.0	58
63	Recirculating and germinal center B cells differentiate into cells responsive to polysaccharide antigens. European Journal of Immunology, 2003, 33, 297-305.	2.9	56
64	Anti-Islet Autoantibodies Trigger Autoimmune Diabetes in the Presence of an Increased Frequency of Islet-Reactive CD4 T Cells. Diabetes, 2011, 60, 2102-2111.	0.6	54
65	Attenuation of AMPK signaling by ROQUIN promotes T follicular helper cell formation. ELife, 2015, 4, .	6.0	52
66	DNA drives autoimmunity. Nature, 2002, 416, 595-597.	27.8	51
67	Developing connections amongst key cytokines and dysregulated germinal centers in autoimmunity. Current Opinion in Immunology, 2012, 24, 658-664.	5.5	51
68	Axon growth and guidance genes identify Tâ€dependent germinal centre B cells. Immunology and Cell Biology, 2008, 86, 3-14.	2.3	50
69	Synaptic Interactions in Germinal Centers. Frontiers in Immunology, 2018, 9, 1858.	4.8	48
70	Blood Relatives of Follicular Helper T Cells. Immunity, 2011, 34, 10-12.	14.3	45
71	Illuminating Autoimmune Regulators through Controlled Variation of the Mouse Genome Sequence. Immunity, 2004, 20, 669-679.	14.3	44
72	T Follicular Helper Cells During Immunity and Tolerance. Progress in Molecular Biology and Translational Science, 2010, 92, 207-248.	1.7	43

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73	A human immune dysregulation syndrome characterized by severe hyperinflammation with a homozygous nonsense Roquin-1 mutation. Nature Communications, 2019, 10, 4779.	12.8	43
74	Anti-CD40 antibody enhances responses to polysaccharide without mimicking T cell help. European Journal of Immunology, 1999, 29, 3216-3224.	2.9	40
75	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.	2.9	40
76	Heterozygosity for Roquinsan leads to angioimmunoblastic T-cell lymphoma-like tumors in mice. Blood, 2012, 120, 812-821.	1.4	40
77	Plexin B2 and Semaphorin 4C Guide T Cell Recruitment and Function in the Germinal Center. Cell Reports, 2017, 19, 995-1007.	6.4	40
78	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.	2.9	39
79	Multiple checkpoints keep follicular helper T cells under control to prevent autoimmunity. Cellular and Molecular Immunology, 2010, 7, 198-203.	10.5	37
80	HIV and T follicular helper cells: a dangerous relationship. Journal of Clinical Investigation, 2012, 122, 3059-3062.	8.2	34
81	The Molecular Basis of Lymphoid Architecture and B cell Res-ponses: Implications for Immunodeficiency and Immunopathology. Current Molecular Medicine, 2001, 1, 689-725.	1.3	30
82	STAT3 regulates cytotoxicity of human CD57+ CD4+ T cells in blood and lymphoid follicles. Scientific Reports, 2018, 8, 3529.	3.3	29
83	Clinical implications of the specialised B cell response to polysaccharide encapsulated pathogens. Postgraduate Medical Journal, 2001, 77, 562-569.	1.8	27
84	IL-27 Directly Enhances Germinal Center B Cell Activity and Potentiates Lupus in Sanroque Mice. Journal of Immunology, 2016, 197, 3008-3017.	0.8	27
85	ROQUIN signalling pathways in innate and adaptive immunity. European Journal of Immunology, 2016, 46, 1082-1090.	2.9	26
86	P2RY8 variants in lupus patients uncover a role for the receptor in immunological tolerance. Journal of Experimental Medicine, 2022, 219, .	8.5	26
87	Bâ€“cell memory and the persistence of antibody responses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 345-350.	4.0	24
88	Equitable Expanded Carrier Screening Needs Indigenous Clinical and Population Genomic Data. American Journal of Human Genetics, 2020, 107, 175-182.	6.2	24
89	SiLEncing SLE: the power and promise of small noncoding RNAs. Current Opinion in Rheumatology, 2008, 20, 526-531.	4.3	21
90	Breakdown in Repression of IFN-Î³ mRNA Leads to Accumulation of Self-Reactive Effector CD8+ T Cells. Journal of Immunology, 2012, 189, 701-710.	0.8	21

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91	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.	4.0	21
92	Infanticide vs. inherited cardiac arrhythmias. Europace, 2021, 23, 441-450.	1.7	21
93	A BATF-ling connection between B cells and follicular helper T cells. Nature Immunology, 2011, 12, 519-520.	14.5	20
94	Unconventional Pro-inflammatory CD4+ T Cell Response in B Cell-Deficient Mice Infected with Trypanosoma cruzi. Frontiers in Immunology, 2017, 8, 1548.	4.8	20
95	Atypical chemokine receptor 4 shapes activated B cell fate. Journal of Experimental Medicine, 2018, 215, 801-813.	8.5	18
96	Reducing the search space for causal genetic variants with VASP. Bioinformatics, 2015, 31, 2377-2379.	4.1	17
97	Analysis of B Cell Memory Formation Using DNA Microarrays. Annals of the New York Academy of Sciences, 2002, 975, 33-45.	3.8	16
98	Sequence-dependent inhibition of cGAS and TLR9 DNA sensing by 2â€²-O-methyl gapmer oligonucleotides. Nucleic Acids Research, 2021, 49, 6082-6099.	14.5	16
99	Nfkb2 variants reveal a p100-degradation threshold that defines autoimmune susceptibility. Journal of Experimental Medicine, 2021, 218, .	8.5	16
100	Posttranscriptional T cell gene regulation to limit Tfh cells and autoimmunity. Current Opinion in Immunology, 2015, 37, 21-27.	5.5	14
101	Systemic lupus erythematosus: A new autoimmune disorder in Kabuki syndrome. European Journal of Medical Genetics, 2019, 62, 103538.	1.3	10
102	Tolerance Mechanisms in the Late Phase of the Antibody Response. , 2007, 596, 163-168.		9
103	Non-parametric Heat Map Representation of Flow Cytometry Data: Identifying Cellular Changes Associated With Genetic Immunodeficiency Disorders. Frontiers in Immunology, 2019, 10, 2134.	4.8	8
104	Rare genetic variants in systemic autoimmunity. Immunology and Cell Biology, 2020, 98, 490-499.	2.3	8
105	Germinal Center Lymphocyte Ratios and Successful HIV Vaccines. Trends in Molecular Medicine, 2017, 23, 95-97.	6.7	6
106	Genetic Analysis of Systemic Autoimmunity. Novartis Foundation Symposium, 2007, 281, 103-128.	1.1	6
107	Structural and functional analysis of target recognition by the lymphocyte adaptor protein LNK. Nature Communications, 2021, 12, 6110.	12.8	6
108	Heterozygous mis-sense mutations in Prkcb as a critical determinant of anti-polysaccharide antibody formation. Genes and Immunity, 2013, 14, 223-233.	4.1	5

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109	Dendritic cells associated with plasmablast survival. European Journal of Immunology, 1999, 29, 3712-3721.	2.9	5
110	Extrafollicular Antibody Responses. , 2016, , 208-215.		2
111	Identification of a pathogenic variant in TREX1 in early-onset cerebral SLE by whole-exome sequencing. Pathology, 2016, 48, S47.	0.6	2
112	HIV Immunogens: Affinity Is Key. Immunity, 2018, 48, 11-13.	14.3	2
113	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.	1.6	2
114	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.	2.9	2
115	Anti-CD40 antibody enhances responses to polysaccharide without mimicking T cell help. European Journal of Immunology, 1999, 29, 3216-3224.	2.9	2
116	Detection of Mouse Natural Killer T Follicular Helper (NKTFH) Cells by Flow Cytometry. Methods in Molecular Biology, 2015, 1291, 135-141.	0.9	2
117	Deletions in VANGL1 are a risk factor for antibody-mediated kidney disease. Cell Reports Medicine, 2021, 2, 100475.	6.5	2
118	Inflammation: Gone with Translation. PLoS Genetics, 2014, 10, e1004442.	3.5	1
119	Modulation of Roquin Function in Myeloid Cells ReducesMycobacterium tuberculosisâ€“Induced Inflammation. Journal of Immunology, 2017, 199, 1796-1804.	0.8	1
120	Genomic test ends a long diagnostic odyssey in a patient with resistance to thyroid hormones. Thyroid Research, 2019, 12, 7.	1.5	1
121	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, .	4.8	1
122	TFR Cells Express Functional CCR6 But It Is Dispensable for Their Development and Localization During Splenic Humoral Immune Responses. Frontiers in Immunology, 0, 13, .	4.8	1
123	The Molecular Basis of Lymphoid Architecture in the Mouse. , 2007, , 57-108.		0
124	ICB launches a new article category â€“ Outstanding Observation. Immunology and Cell Biology, 2007, 85, 343-343.	2.3	0
125	Roquin Defects Reveal a Role for the MicroRNA Machinery in Regulating Autoimmunity. , 2009, , 261-278.		0
126	JEM career launchpad. Journal of Experimental Medicine, 2021, 218, .	8.5	0

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127	Monocytes asphyxiate germinal centers. Immunity, 2022, 55, 385-387.	14.3	0