

# Jean-Charles Guery

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9335655/publications.pdf>

Version: 2024-02-01

93  
papers

4,893  
citations

94433

37  
h-index

98798

67  
g-index

102  
all docs

102  
docs citations

102  
times ranked

5758  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>TLR7 escapes X chromosome inactivation in immune cells.</i> <i>Science Immunology</i> , 2018, 3, .	11.9	395
2	The TLR-mediated response of plasmacytoid dendritic cells is positively regulated by estradiol in vivo through cell-intrinsic estrogen receptor $\beta$ signaling. <i>Blood</i> , 2012, 119, 454-464.	1.4	268
3	Estradiol enhances primary antigen-specific CD4 T cell responses and Th1 development <i>in vivo</i> . Essential role of estrogen receptor $\beta$ expression in hematopoietic cells. <i>European Journal of Immunology</i> , 2003, 33, 512-521.	2.9	246
4	17 $\beta$ -Estradiol Promotes TLR4-Triggered Proinflammatory Mediator Production through Direct Estrogen Receptor $\beta$ Signaling in Macrophages In Vivo. <i>Journal of Immunology</i> , 2010, 185, 1169-1176.	0.8	204
5	Androgen signaling negatively controls group 2 innate lymphoid cells. <i>Journal of Experimental Medicine</i> , 2017, 214, 1581-1592.	8.5	204
6	Selective development of T helper (Th)2 cells induced by continuous administration of low dose soluble proteins to normal and beta(2)-microglobulin-deficient BALB/c mice.. <i>Journal of Experimental Medicine</i> , 1996, 183, 485-497.	8.5	188
7	Sex Differences in Plasmacytoid Dendritic Cell Levels of IRF5 Drive Higher IFN- $\beta$ Production in Women. <i>Journal of Immunology</i> , 2015, 195, 5327-5336.	0.8	186
8	Estrogen Receptor $\beta$ Signaling in T Lymphocytes Is Required for Estradiol-Mediated Inhibition of Th1 and Th17 Cell Differentiation and Protection against Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2011, 187, 2386-2393.	0.8	181
9	X-Chromosome Complement and Estrogen Receptor Signaling Independently Contribute to the Enhanced TLR7-Mediated IFN- $\beta$ Production of Plasmacytoid Dendritic Cells from Women. <i>Journal of Immunology</i> , 2014, 193, 5444-5452.	0.8	176
10	Chronic Estradiol Administration In Vivo Promotes the Proinflammatory Response of Macrophages to TLR4 Activation: Involvement of the Phosphatidylinositol 3-Kinase Pathway. <i>Journal of Immunology</i> , 2008, 180, 7980-7988.	0.8	143
11	Female predisposition to TLR7-driven autoimmunity: gene dosage and the escape from X chromosome inactivation. <i>Seminars in Immunopathology</i> , 2019, 41, 153-164.	6.1	127
12	Selective Activation and Expansion of High-Affinity CD4+ T Cells in Resistant Mice upon Infection with <i>Leishmania major</i> . <i>Immunity</i> , 2000, 13, 771-782.	14.3	117
13	Estrogen Receptor-Dependent Regulation of Dendritic Cell Development and Function. <i>Frontiers in Immunology</i> , 2017, 8, 108.	4.8	116
14	Estrogen Enhances Susceptibility to Experimental Autoimmune Myasthenia Gravis by Promoting Type 1-Polarized Immune Responses. <i>Journal of Immunology</i> , 2005, 175, 5050-5057.	0.8	111
15	Natural killer cells recruited into lymph nodes inhibit alloreactive T-cell activation through perforin-mediated killing of donor allogeneic dendritic cells. <i>Blood</i> , 2008, 112, 661-671.	1.4	104
16	Dendritic cells but not B cells present antigenic complexes to class II-restricted T cells after administration of protein in adjuvant.. <i>Journal of Experimental Medicine</i> , 1996, 183, 751-757.	8.5	96
17	Endothelial Estrogen Receptor- $\beta$ Plays a Crucial Role in the Atheroprotective Action of 17 $\beta$ -Estradiol in Low-Density Lipoprotein Receptor-Deficient Mice. <i>Circulation</i> , 2009, 120, 2567-2576.	1.6	96
18	Estrogen Receptor $\beta$ , but Not $\alpha$ , Is Required for Optimal Dendritic Cell Differentiation and CD40-Induced Cytokine Production. <i>Journal of Immunology</i> , 2008, 180, 3661-3669.	0.8	93

#	ARTICLE	IF	CITATIONS
19	Estrogen Receptor $\hat{\pm}$ Signaling in Inflammatory Leukocytes Is Dispensable for 17 $\hat{\beta}$ -Estradiol-Mediated Inhibition of Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2004, 173, 2435-2442.	0.8	78
20	Estradiol Promotes Functional Responses in Inflammatory and Steady-State Dendritic Cells through Differential Requirement for Activation Function-1 of Estrogen Receptor $\hat{\pm}$ . <i>Journal of Immunology</i> , 2013, 190, 5459-5470.	0.8	76
21	Escape from X Chromosome Inactivation and the Female Predominance in Autoimmune Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1114.	4.1	58
22	Exogenous peptides compete for the presentation of endogenous antigens to major histocompatibility complex class II-restricted T cells.. <i>Journal of Experimental Medicine</i> , 1991, 174, 945-948.	8.5	57
23	Experimental Gold-Induced Autoimmunity. <i>Nephrology Dialysis Transplantation</i> , 1991, 6, 621-630.	0.7	53
24	Endogenous estrogens, through estrogen receptor $\hat{\pm}$ , constrain autoimmune inflammation in female mice by limiting CD4 <sup>+</sup> T cell homing into the CNS. <i>European Journal of Immunology</i> , 2010, 40, 3489-3498.	2.9	52
25	Manipulation of the Th1/Th2 Cell Balance: An Approach to Treat Human Autoimmune Diseases?. <i>Autoimmunity</i> , 1996, 23, 53-68.	2.6	51
26	Protein kinase C $\hat{\epsilon}$ -mediated calcium entry dependent upon dihydropyridine $\hat{\epsilon}$ -sensitive channels: a T cell receptor $\hat{\epsilon}$ -coupled signaling pathway involved in interleukin 4 synthesis. <i>FASEB Journal</i> , 2001, 15, 1577-1579.	0.5	51
27	Dihydropyridine Receptors Are Selective Markers of Th2 Cells and Can Be Targeted to Prevent Th2-Dependent Immunopathological Disorders. <i>Journal of Immunology</i> , 2004, 172, 5206-5212.	0.8	51
28	Knocking Down Ca <sub>v</sub> 1 Calcium Channels Implicated in Th2 Cell Activation Prevents Experimental Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 1310-1317.	5.6	51
29	Normal B cells fail to secrete interleukin-12. <i>European Journal of Immunology</i> , 1997, 27, 1632-1639.	2.9	50
30	Preventing NK Cell Activation by Donor Dendritic Cells Enhances Allospecific CD4 T Cell Priming and Promotes Th Type 2 Responses to Transplantation Antigens. <i>Journal of Immunology</i> , 2002, 169, 2979-2987.	0.8	49
31	Weak TCR stimulation induces a calcium signal that triggers IL-4 synthesis, stronger TCR stimulation induces MAP kinases that control IFN- $\hat{\gamma}$ production. <i>European Journal of Immunology</i> , 2001, 31, 2487-2496.	2.9	48
32	Deconstructing the sex bias in allergy and autoimmunity: From sex hormones and beyond. <i>Advances in Immunology</i> , 2019, 142, 35-64.	2.2	48
33	Estrogen Receptor $\hat{\pm}$ Expression in Both Endothelium and Hematopoietic Cells Is Required for the Accelerative Effect of Estradiol on Reendothelialization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1543-1550.	2.4	47
34	Sex Differences in Asthma: A Key Role of Androgen-Signaling in Group 2 Innate Lymphoid Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1069.	4.8	45
35	Selective immunosuppression by administration of major histocompatibility complex (MHC) class II-binding peptides. I. Evidence for in vivo MHC blockade preventing T cell activation.. <i>Journal of Experimental Medicine</i> , 1992, 175, 1345-1352.	8.5	42
36	Specificity and cross-reactive idiotypes of anti-glomerular basement membrane autoantibodies in HgCl <sub>2</sub> -induced autoimmune glomerulonephritis. <i>European Journal of Immunology</i> , 1990, 20, 93-100.	2.9	40

#	ARTICLE	IF	CITATIONS
37	CD8+ T-cell-mediated killing of donor dendritic cells prevents alloreactive T helper type-2 responses in vivo. <i>Blood</i> , 2006, 108, 2257-2264.	1.4	38
38	Selective immunosuppression. <i>Trends in Immunology</i> , 1993, 14, 285-289.	7.5	36
39	Eomesodermin Expression in CD4+ T Cells Restricts Peripheral Foxp3 Induction. <i>Journal of Immunology</i> , 2015, 195, 4742-4752.	0.8	36
40	TLR7 dosage polymorphism shapes interferogenesis and HIV-1 acute viremia in women. <i>JCI Insight</i> , 2020, 5, .	5.0	36
41	Protein kinase C-dependent activation of CaV1.2 channels selectively controls human TH2-lymphocyte functions. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1175-1183.e12.	2.9	33
42	Estrogen-mediated protection of experimental autoimmune encephalomyelitis: Lessons from the dissection of estrogen receptor-signaling in vivo. <i>Biomedical Journal</i> , 2015, 38, 194.	3.1	33
43	Regulation of the IL-12 receptor $\beta 2$ subunit by soluble antigen and IL-12 in vivo. <i>European Journal of Immunology</i> , 1998, 28, 209-220.	2.9	32
44	Dendritic Cells Prime In Vivo Alloreactive CD4 T Lymphocytes Toward Type 2 Cytokine- and TGF- $\beta 2$ -Producing Cells in the Absence of CD8 T Cell Activation. <i>Journal of Immunology</i> , 2000, 165, 4994-5003.	0.8	32
45	Calcium Channel Blocker Prevents T Helper Type 2 Cell-mediated Airway Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 1117-1124.	5.6	28
46	Interleukin 4-producing Cd4 T Cells Arise from Different Precursors Depending on the Conditions of Antigen Exposure in Vivo. <i>Journal of Experimental Medicine</i> , 2000, 191, 683-694.	8.5	27
47	The cGMP/Protein Kinase G Pathway Contributes to Dihydropyridine-sensitive Calcium Response and Cytokine Production in TH2 Lymphocytes. <i>Journal of Biological Chemistry</i> , 2006, 281, 12421-12427.	3.4	27
48	Understanding the oestrogen action in experimental and clinical atherosclerosis. <i>Fundamental and Clinical Pharmacology</i> , 2006, 20, 539-548.	1.9	25
49	Lymphocyte Calcium Signaling Involves Dihydropyridine-Sensitive L-Type Calcium Channels: Facts and Controversies. <i>Critical Reviews in Immunology</i> , 2004, 24, 24.	0.5	25
50	The mode of protein antigen administration determines preferential presentation of peptide-class II complexes by lymph node dendritic or B cells. <i>International Immunology</i> , 1997, 9, 9-15.	4.0	24
51	Estradiol administration controls eosinophilia through estrogen receptor- $\beta$ activation during acute peritoneal inflammation. <i>Journal of Leukocyte Biology</i> , 2011, 90, 145-154.	3.3	24
52	Rat anti-glomerular basement membrane antibodies in toxin-induced autoimmunity and in chronic graft-vs.-host reaction share recurrent idiotypes. <i>European Journal of Immunology</i> , 1990, 20, 101-105.	2.9	23
53	Targeting androgen signaling in ILC2s protects from IL-33-driven lung inflammation, independently of KLRG1. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 237-251.e12.	2.9	23
54	Skin Graft Rejection Elicited by $\beta 2$ -Microglobulin as a Minor Transplantation Antigen Involves Multiple Effector Pathways: Role of Fas-Fas Ligand Interactions and Th2-Dependent Graft Eosinophil Infiltrates. <i>Journal of Immunology</i> , 2002, 169, 500-506.	0.8	22

#	ARTICLE	IF	CITATIONS
55	Estrogen Signaling in Bystander Foxp3neg CD4+ T Cells Suppresses Cognate Th17 Differentiation in Trans and Protects from Central Nervous System Autoimmunity. <i>Journal of Immunology</i> , 2018, 201, 3218-3228.	0.8	22
56	Long non-coding RNA Xist contribution in systemic lupus erythematosus and rheumatoid arthritis. <i>Clinical Immunology</i> , 2022, 236, 108937.	3.2	22
57	B Cells Present Antigen to CD4+T Cells, but Fail to Produce IL-12 Selective APC for Th2 Cell Development?. <i>Annals of the New York Academy of Sciences</i> , 1997, 815, 401-411.	3.8	21
58	Selection of Similar Naive T Cell Repertoires but Induction of Distinct T Cell Responses by Native and Modified Antigen. <i>Journal of Immunology</i> , 2004, 172, 3447-3453.	0.8	21
59	Sex hormone regulation of innate lymphoid cells. <i>Biomedical Journal</i> , 2021, 44, 144-156.	3.1	21
60	Tracking T cell clonotypes in complex T lymphocyte populations by real-time quantitative PCR using fluorogenic complementarity-determining region-3-specific probes. <i>Journal of Immunological Methods</i> , 2002, 270, 269-280.	1.4	18
61	Selective immunosuppression by administration of major histocompatibility complex class II-binding peptides. II. Preventive inhibition of primary and secondary in vivo antibody responses.. <i>Journal of Experimental Medicine</i> , 1993, 177, 1461-1468.	8.5	17
62	Chronic Soluble Antigen Sensitization Primes a Unique Memory/Effector T Cell Repertoire Associated with Th2 Phenotype Acquisition In Vivo. <i>Journal of Immunology</i> , 2002, 168, 179-187.	0.8	16
63	Lethal host-versus-graft disease and hypereosinophilia in the absence of MHC T-cell interactions. <i>Journal of Clinical Investigation</i> , 2000, 105, 1125-1132.	8.2	16
64	Impaired antigen presentation by murine I-Ad class II MHC molecules expressed in normal and HLA-DM-defective human B cell lines. <i>International Immunology</i> , 1997, 9, 889-896.	4.0	15
65	Effect of the thiol group on experimental gold-induced autoimmunity. <i>Arthritis and Rheumatism</i> , 1991, 34, 1594-1599.	6.7	15
66	Bispecificity for Myelin and Neuronal Self-Antigens Is a Common Feature of CD4 T Cells in C57BL/6 Mice. <i>Journal of Immunology</i> , 2014, 193, 3267-3277.	0.8	14
67	MHC class II molecules bind indiscriminately self and non-self peptide homologs: effect on the immunogenicity of non-self peptides. <i>International Immunology</i> , 1993, 5, 631-638.	4.0	13
68	Sex Differences in Primary HIV Infection: Revisiting the Role of TLR7-Driven Type 1 IFN Production by Plasmacytoid Dendritic Cells in Women. <i>Frontiers in Immunology</i> , 2021, 12, 729233.	4.8	13
69	Monocytes are the main source of STING-mediated IFN- $\beta$ production. <i>EBioMedicine</i> , 2022, 80, 104047.	6.1	12
70	The $\beta$ and $\beta 2$ auxiliary subunits of voltage-gated calcium channel 1 (Cav1) are required for TH2 lymphocyte function and acute allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 892-903.e8.	2.9	10
71	Hydroxychloroquine inhibits proteolytic processing of endogenous TLR7 protein in human primary plasmacytoid dendritic cells. <i>European Journal of Immunology</i> , 2022, 52, 54-61.	2.9	10
72	Dihydropyridine Receptor Blockade in the Treatment of Asthma. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2008, 2, 109-116.	3.6	9

#	ARTICLE	IF	CITATIONS
73	Mapping of a gene for the Mr 48 000 tubular basement membrane antigen in the rat. Immunogenetics, 1989, 29, 350-354.	2.4	8
74	A spontaneous hybridoma producing autoanti-idiotypic antibodies that recognize a V $\alpha$ associated idiotope in mercury-induced autoimmunity. European Journal of Immunology, 1990, 20, 1027-1031.	2.9	8
75	Approaches toward peptide-based immunotherapy of autoimmune diseases. Seminars in Immunopathology, 1992, 14, 187-99.	4.0	8
76	ROLE OF INFLAMMATORY CYTOKINES IN THE EFFECT OF ESTRADIOL ON ATHEROMA. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 396-401.	1.9	8
77	CD49d/CD29 $\alpha$ integrin controls the accumulation of plasmacytoid dendritic cells into the CNS during neuroinflammation. European Journal of Immunology, 2019, 49, 2030-2043.	2.9	8
78	DR $\beta$ :E $\beta$ heterodimers in DRA transgenic mice hinder expression of E $\beta$ :E $\beta$ molecules and are more efficient in antigen presentation. International Immunology, 1995, 7, 1927-1938.	4.0	7
79	Selective immunosuppression. Trends in Pharmacological Sciences, 1993, 14, 178-182.	8.7	6
80	Estrogens and inflammatory autoimmune diseases. Joint Bone Spine, 2012, 79, 560-562.	1.6	4
81	Separation of the Ca V 1.2 $\alpha$ Ca V 1.3 calcium channel duo prevents type 2 allergic airway inflammation. Allergy: European Journal of Allergy and Clinical Immunology, 2021, , .	5.7	3
82	Polarization toward the T-helper (TH)1 type immune response is not required for rat experimental autoimmune myasthenia gravis. Transplantation Proceedings, 1999, 31, 1604-1605.	0.6	2
83	Is pathogenic humoral autoimmunity a Th1 response?. Trends in Immunology, 2000, 21, 306-307.	7.5	2
84	Estrogen receptor $\beta$ , but not $\alpha$ , is required for optimal dendritic cell differentiation and of CD40-induced cytokine production. Journal of Immunology, 2008, 180, 7047.3-7047.	0.8	2
85	Cav1.4 calcium channels control cytokine production by human peripheral TH17 cells and psoriatic skin-infiltrating T cells. Journal of Allergy and Clinical Immunology, 2021, , .	2.9	2
86	Advances in Selective Immunosuppression. Advances in Pharmacology, 1995, 33, 255-285.	2.0	1
87	Blockade of CD86 in BALB/c mice infected with Leishmania major does not prevent the expansion of low avidity T cells. European Journal of Immunology, 2002, 32, 3566-3575.	2.9	1
88	Pr $\alpha$ dominance f $\alpha$ minine des maladies auto-immunes $\hat{A}$ : les lymphocytes ont-ils un sexe $\hat{A}$ ?. Revue Du Rhumatisme Monographies, 2021, 88, 3-7.	0.0	1
89	Antigen Presentation and IL-12 Production by Dendritic Cells in Vivo. Advances in Experimental Medicine and Biology, 1997, 417, 317-321.	1.6	1
90	Åstrog $\hat{A}$ nes et maladies autoimmunes inflammatoires. Revue Du Rhumatisme (Edition Francaise), 2012, 79, A34-A36.	0.0	0

#	ARTICLE	IF	CITATIONS
91	Effets protecteurs de la pubert� chez les gar�sons dans les maladies allergiques: les androg�nes un r�gulateur n�gatif des cellules lympho�des inn�es de groupe 2. Revue Francaise D'allergologie, 2018, 58, 324-330.	0.2	0
92	Metabolic Control of Type 2 Innate Lymphoid Cells Plasticity Toward Protective Type 1-Like Cells During &i&t;Mycobacterium Tuberculosis&i&t; Infection. SSRN Electronic Journal, 0, , .	0.4	0
93	Induction of Peripheral Tolerance in Primed Mice. Medical Science Symposia Series, 1994, , 107-114.	0.0	0