

# Carlos S Subauste

## List of Publications by Year in descending order

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51  
papers

9,812  
citations

186209

28  
h-index

214721

47  
g-index

52  
all docs

52  
docs citations

52  
times ranked

21295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	CD40 induces macrophage anti-Toxoplasma gondii activity by triggering autophagy-dependent fusion of pathogen-containing vacuoles and lysosomes. <i>Journal of Clinical Investigation</i> , 2006, 116, 2366-2377.	3.9	277
4	Toxoplasma gondii-Induced Activation of EGFR Prevents Autophagy Protein-Mediated Killing of the Parasite. <i>PLoS Pathogens</i> , 2013, 9, e1003809.	2.1	129
5	Autophagy Protects the Retina from Light-induced Degeneration. <i>Journal of Biological Chemistry</i> , 2013, 288, 7506-7518.	1.6	122
6	HIV-1 Inhibits Autophagy in Bystander Macrophage/Monocytic Cells through Src-Akt and STAT3. <i>PLoS ONE</i> , 2010, 5, e11733.	1.1	112
7	CD40 in Retinal Müller Cells Induces P2X7-Dependent Cytokine Expression in Macrophages/Microglia in Diabetic Mice and Development of Early Experimental Diabetic Retinopathy. <i>Diabetes</i> , 2017, 66, 483-493.	0.3	96
8	Human Dendritic Cells Discriminate Between Viable and Killed Toxoplasma gondii Tachyzoites: Dendritic Cell Activation After Infection with Viable Parasites Results in CD28 and CD40 Ligand Signaling That Controls IL-12-Dependent and -Independent T Cell Production of IFN- $\gamma$ . <i>Journal of Immunology</i> , 2000, 165, 1498-1505.	0.4	90
9	CD40-TRAF6 and Autophagy-Dependent Anti-Microbial Activity in Macrophages. <i>Autophagy</i> , 2007, 3, 245-248.	4.3	73
10	The CD40-Autophagy Pathway Is Needed for Host Protection Despite IFN- $\gamma$ -Dependent Immunity and CD40 Induces Autophagy via Control of P21 Levels. <i>PLoS ONE</i> , 2010, 5, e14472.	1.1	65
11	CD40 Signaling in Macrophages Induces Activity against an Intracellular Pathogen Independently of Gamma Interferon and Reactive Nitrogen Intermediates. <i>Infection and Immunity</i> , 2005, 73, 3115-3123.	1.0	64
12	CD40 Induces Anti-Toxoplasma gondii Activity in Nonhematopoietic Cells Dependent on Autophagy Proteins. <i>Infection and Immunity</i> , 2013, 81, 2002-2011.	1.0	57
13	Toxoplasma gondii induces FAK-Src-STAT3 signaling during infection of host cells that prevents parasite targeting by autophagy. <i>PLoS Pathogens</i> , 2017, 13, e1006671.	2.1	48
14	CD40 promotes the development of early diabetic retinopathy in mice. <i>Diabetologia</i> , 2014, 57, 2222-2231.	2.9	46
15	TNF Receptor-Associated Factor 6-Dependent CD40 Signaling Primes Macrophages to Acquire Antimicrobial Activity in Response to TNF- $\alpha$ . <i>Journal of Immunology</i> , 2005, 175, 6014-6021.	0.4	43
16	CD40 Mediates Retinal Inflammation and Neurovascular Degeneration. <i>Journal of Immunology</i> , 2008, 181, 8719-8726.	0.4	41
17	Review of the Series "Disease of the Year 2011: Toxoplasmosis" Pathophysiology of Toxoplasmosis. <i>Ocular Immunology and Inflammation</i> , 2011, 19, 297-306.	1.0	41
18	CD40 Restrains In Vivo Growth of Toxoplasma gondii Independently of Gamma Interferon. <i>Infection and Immunity</i> , 2006, 74, 1573-1579.	1.0	39

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19	CD154 Activates Macrophage Antimicrobial Activity in the Absence of IFN- $\gamma$ through a TNF- $\alpha$ -Dependent Mechanism. <i>Journal of Immunology</i> , 2003, 171, 6750-6756.	0.4	38
20	CD40 and tumour necrosis factor- $\alpha$ cooperate to upregulate inducible nitric oxide synthase expression in macrophages. <i>Immunology</i> , 2012, 135, 140-150.	2.0	38
21	Identification of primary retinal cells and ex vivo detection of proinflammatory molecules using flow cytometry. <i>Molecular Vision</i> , 2009, 15, 1383-9.	1.1	35
22	The role of cytokines in toxoplasmosis. <i>Biotherapy (Dordrecht, Netherlands)</i> , 1994, 7, 237-247.	0.7	32
23	Pathogen-Specific Induction of CD154 Is Impaired in CD4+ T Cells from Human Immunodeficiency Virus-Infected Patients. <i>Journal of Infectious Diseases</i> , 2004, 189, 61-70.	1.9	32
24	Photoreceptor cells constitutively express functional TLR4. <i>Journal of Neuroimmunology</i> , 2011, 230, 183-187.	1.1	32
25	Atg5 but not Atg7 in dendritic cells enhances IL-2 and IFN- $\gamma$ production by <i>Toxoplasma gondii</i> -reactive CD4+ T cells. <i>Microbes and Infection</i> , 2015, 17, 275-284.	1.0	31
26	Identification of Signaling Pathways by Which CD40 Stimulates Autophagy and Antimicrobial Activity against <i>Toxoplasma gondii</i> in Macrophages. <i>Infection and Immunity</i> , 2016, 84, 2616-2626.	1.0	31
27	The Protein Kinase Double-Stranded RNA-Dependent (PKR) Enhances Protection against Disease Cause by a Non-Viral Pathogen. <i>PLoS Pathogens</i> , 2013, 9, e1003557.	2.1	30
28	CD40 and the immune response to parasitic infections. <i>Seminars in Immunology</i> , 2009, 21, 273-282.	2.7	29
29	CD154 and Type 1 Cytokine Response: From Hyper IgM Syndrome to Human Immunodeficiency Virus Infection. <i>Journal of Infectious Diseases</i> , 2002, 185, S83-S89.	1.9	25
30	The CD40-ATP-P2X7 Receptor Pathway: Cell to Cell Cross-Talk to Promote Inflammation and Programmed Cell Death of Endothelial Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2958.	2.2	25
31	Proinflammatory Responses Induced by CD40 in Retinal Endothelial and Muller Cells are Inhibited by Blocking CD40-Traf2,3 or CD40-Traf6 Signaling. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 8590-8597.	3.3	23
32	Blockade of CD40-TRAF2,3 or CD40-TRAF6 is sufficient to inhibit proinflammatory responses in nonhaematopoietic cells. <i>Immunology</i> , 2015, 144, 21-33.	2.0	23
33	Role of CD40-Dependent Down-Regulation of CD154 in Impaired Induction of CD154 in CD4+ T Cells from HIV-1-Infected Patients. <i>Journal of Immunology</i> , 2007, 178, 1645-1653.	0.4	22
34	Animal Models for <i>Toxoplasma gondii</i> Infection. <i>Current Protocols in Immunology</i> , 2012, 96, Unit 19.3.1-23.	3.6	22
35	<i>Toxoplasma gondii</i> induces prolonged host epidermal growth factor receptor signalling to prevent parasite elimination by autophagy: Perspectives for in vivo control of the parasite. <i>Cellular Microbiology</i> , 2019, 21, e13084.	1.1	20
36	Ligation of CD40 in Human Muller Cells Induces P2X7 Receptor-Dependent Death of Retinal Endothelial Cells. , 2016, 57, 6278.		19

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37	CD40-TRAF Signaling Upregulates CX3CL1 and TNF- $\alpha$ in Human Aortic Endothelial Cells but Not in Retinal Endothelial Cells. PLoS ONE, 2015, 10, e0144133.	1.1	19
38	Epidermal growth factor receptor promotes cerebral and retinal invasion by Toxoplasma gondii. Scientific Reports, 2019, 9, 669.	1.6	18
39	Interplay Between Toxoplasma gondii, Autophagy, and Autophagy Proteins. Frontiers in Cellular and Infection Microbiology, 2019, 9, 139.	1.8	15
40	Autophagy as an antimicrobial strategy. Expert Review of Anti-Infective Therapy, 2009, 7, 743-752.	2.0	14
41	Autophagy in Immunity Against Toxoplasma gondii. Current Topics in Microbiology and Immunology, 2009, 335, 251-265.	0.7	13
42	Chemokine (C-C Motif) Receptor 5 $\alpha$ 2459 Genotype in Patients Receiving Highly Active Antiretroviral Therapy: Race-Specific Influence on Virologic Success. Journal of Infectious Diseases, 2011, 204, 291-298.	1.9	10
43	Recent Advances in the Roles of Autophagy and Autophagy Proteins in Host Cells During Toxoplasma gondii Infection and Potential Therapeutic Implications. Frontiers in Cell and Developmental Biology, 2021, 9, 673813.	1.8	9
44	CD40, autophagy and Toxoplasma gondii. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 267-272.	0.8	8
45	Loss of CD40 attenuates experimental diabetes-induced retinal inflammation but does not protect mice from electroretinogram defects. Visual Neuroscience, 2017, 34, E009.	0.5	8
46	CD40 in Endothelial Cells Restricts Neural Tissue Invasion by Toxoplasma gondii. Infection and Immunity, 2019, 87, .	1.0	8
47	A cell-penetrating CD40-TRAF2,3 blocking peptide diminishes inflammation and neuronal loss after ischemia/reperfusion. FASEB Journal, 2021, 35, e21412.	0.2	8
48	CD40, a Novel Inducer of Purinergic Signaling: Implications to the Pathogenesis of Experimental Diabetic Retinopathy. Vision (Switzerland), 2017, 1, 20.	0.5	3
49	CD40 Expressed in Endothelial Cells Promotes Upregulation of ICAM-1 But Not Pro-Inflammatory Cytokines, NOS2 and P2X <sub>7</sub> in the Diabetic Retina. , 2021, 62, 22.		3
50	AIDS-associated Toxoplasmosis. , 2008, , 399-413.		2
51	Animal Models for Toxoplasma gondii Infection. , 2001, Chapter 19, Unit 19.3.		1