

# Carlos S Subauste

## List of Publications by Citations

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52  
papers

8,172  
citations

24  
h-index

52  
g-index

52  
ext. papers

9,135  
ext. citations

5.5  
avg, IF

4.71  
L-index

#	Paper	IF	Citations
52	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
51	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	10.2	2783
50	CD40 induces macrophage anti-Toxoplasma gondii activity by triggering autophagy-dependent fusion of pathogen-containing vacuoles and lysosomes. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 2366-2379	15.9	240
49	Autophagy protects the retina from light-induced degeneration. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 7506-7518	5.4	99
48	HIV-1 inhibits autophagy in bystander macrophage/monocytic cells through Src-Akt and STAT3. <i>PLoS ONE</i> , <b>2010</b> , 5, e11733	3.7	99
47	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> , <b>2000</b> , 165, 1498-505	5.3	79
46	Toxoplasma gondii-induced activation of EGFR prevents autophagy protein-mediated killing of the parasite. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003809	7.6	73
45	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> , <b>2017</b> , 66, 483-493	0.9	63
44	CD40-TRAF6 and autophagy-dependent anti-microbial activity in macrophages. <i>Autophagy</i> , <b>2007</b> , 3, 245-250	8.2	60
43	CD40 signaling in macrophages induces activity against an intracellular pathogen independently of gamma interferon and reactive nitrogen intermediates. <i>Infection and Immunity</i> , <b>2005</b> , 73, 3115-23	3.7	55
42	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> , <b>2010</b> , 5, e14472	3.7	52
41	CD40 induces anti-Toxoplasma gondii activity in nonhematopoietic cells dependent on autophagy proteins. <i>Infection and Immunity</i> , <b>2013</b> , 81, 2002-11	3.7	46
40	TNF receptor-associated factor 6-dependent CD40 signaling primes macrophages to acquire antimicrobial activity in response to TNF-alpha. <i>Journal of Immunology</i> , <b>2005</b> , 175, 6014-21	5.3	40
39	CD40 mediates retinal inflammation and neurovascular degeneration. <i>Journal of Immunology</i> , <b>2008</b> , 181, 8719-26	5.3	37
38	CD40 restrains in vivo growth of Toxoplasma gondii independently of gamma interferon. <i>Infection and Immunity</i> , <b>2006</b> , 74, 1573-9	3.7	36
37	CD154 activates macrophage antimicrobial activity in the absence of IFN-gamma through a TNF-alpha-dependent mechanism. <i>Journal of Immunology</i> , <b>2003</b> , 171, 6750-6	5.3	35
36	Toxoplasma gondii induces FAK-Src-STAT3 signaling during infection of host cells that prevents parasite targeting by autophagy. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006671	7.6	31

35	Review of the series "Disease of the year 2011: toxoplasmosis" pathophysiology of toxoplasmosis. <i>Ocular Immunology and Inflammation</i> , <b>2011</b> , 19, 297-306	2.8	30
34	CD40 promotes the development of early diabetic retinopathy in mice. <i>Diabetologia</i> , <b>2014</b> , 57, 2222-31	10.3	29
33	Photoreceptor cells constitutively express functional TLR4. <i>Journal of Neuroimmunology</i> , <b>2011</b> , 230, 183-75	3.5	29
32	Pathogen-specific induction of CD154 is impaired in CD4+ T cells from human immunodeficiency virus-infected patients. <i>Journal of Infectious Diseases</i> , <b>2004</b> , 189, 61-70	7	29
31	The role of cytokines in toxoplasmosis. <i>Biotherapy (Dordrecht, Netherlands)</i> , <b>1994</b> , 7, 237-47		28
30	Atg5 but not Atg7 in dendritic cells enhances IL-2 and IFN- $\gamma$ production by Toxoplasma gondii-reactive CD4+ T cells. <i>Microbes and Infection</i> , <b>2015</b> , 17, 275-84	9.3	27
29	The protein kinase double-stranded RNA-dependent (PKR) enhances protection against disease cause by a non-viral pathogen. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003557	7.6	27
28	Identification of Signaling Pathways by Which CD40 Stimulates Autophagy and Antimicrobial Activity against Toxoplasma gondii in Macrophages. <i>Infection and Immunity</i> , <b>2016</b> , 84, 2616-26	3.7	23
27	Blockade of CD40-TRAF2,3 or CD40-TRAF6 is sufficient to inhibit pro-inflammatory responses in non-haematopoietic cells. <i>Immunology</i> , <b>2015</b> , 144, 21-33	7.8	22
26	CD40 and tumour necrosis factor- $\alpha$ co-operate to up-regulate inducible nitric oxide synthase expression in macrophages. <i>Immunology</i> , <b>2012</b> , 135, 140-50	7.8	22
25	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> , <b>2007</b> , 178, 1645-53	5.3	22
24	Identification of primary retinal cells and ex vivo detection of proinflammatory molecules using flow cytometry. <i>Molecular Vision</i> , <b>2009</b> , 15, 1383-9	2.3	21
23	CD154 and type-1 cytokine response: from hyper IgM syndrome to human immunodeficiency virus infection. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 185 Suppl 1, S83-9	7	20
22	Animal models for Toxoplasma gondii infection. <i>Current Protocols in Immunology</i> , <b>2012</b> , Chapter 19, Unit 19.3.1-23	4	19
21	CD40 and the immune response to parasitic infections. <i>Seminars in Immunology</i> , <b>2009</b> , 21, 273-82	10.7	18
20	Proinflammatory responses induced by CD40 in retinal endothelial and M $\ddot{u}$ ller cells are inhibited by blocking CD40-Traf2,3 or CD40-Traf6 signaling. <i>Investigative Ophthalmology and Visual Science</i> , <b>2014</b> , 55, 8590-7		17
19	CD40-TRAF Signaling Upregulates CX3CL1 and TNF- $\alpha$ in Human Aortic Endothelial Cells but Not in Retinal Endothelial Cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144133	3.7	14
18	Ligation of CD40 in Human M $\ddot{u}$ ller Cells Induces P2X7 Receptor-Dependent Death of Retinal Endothelial Cells <b>2016</b> , 57, 6278-6286		13

17	Autophagy as an antimicrobial strategy. <i>Expert Review of Anti-Infective Therapy</i> , <b>2009</b> , 7, 743-52	5.5	12
16	Epidermal growth factor receptor promotes cerebral and retinal invasion by <i>Toxoplasma gondii</i> . <i>Scientific Reports</i> , <b>2019</b> , 9, 669	4.9	11
15	The CD40-ATP-P2X Receptor Pathway: Cell to Cell Cross-Talk to Promote Inflammation and Programmed Cell Death of Endothelial Cells. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2958	8.4	11
14	Autophagy in immunity against <i>Toxoplasma gondii</i> . <i>Current Topics in Microbiology and Immunology</i> , <b>2009</b> , 335, 251-65	3.3	10
13	Chemokine (C-C motif) receptor 5 -2459 genotype in patients receiving highly active antiretroviral therapy: race-specific influence on virologic success. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204, 291-8	7	10
12	Interplay Between , Autophagy, and Autophagy Proteins. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 139	5.9	9
11	Loss of CD40 attenuates experimental diabetes-induced retinal inflammation but does not protect mice from electroretinogram defects. <i>Visual Neuroscience</i> , <b>2017</b> , 34, E009	1.7	7
10	<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> , <b>2019</b> , 21, e13084	3.9	7
9	CD40 in Endothelial Cells Restricts Neural Tissue Invasion by <i>Toxoplasma gondii</i> . <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	6
8	CD40, autophagy and <i>Toxoplasma gondii</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2009</b> , 104, 267-72	2.6	4
7	A cell-penetrating CD40-TRAF2,3 blocking peptide diminishes inflammation and neuronal loss after ischemia/reperfusion. <i>FASEB Journal</i> , <b>2021</b> , 35, e21412	0.9	3
6	AIDS-associated Toxoplasmosis <b>2008</b> , 399-413		2
5	Recent Advances in the Roles of Autophagy and Autophagy Proteins in Host Cells During Infection and Potential Therapeutic Implications. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 673813	5.7	2
4	CD40, a Novel Inducer of Purinergic Signaling: Implications to the Pathogenesis of Experimental Diabetic Retinopathy. <i>Vision (Switzerland)</i> , <b>2017</b> , 1,	2.3	1
3	Animal models for <i>Toxoplasma gondii</i> infection. <i>Current Protocols in Immunology</i> , <b>2001</b> , Chapter 19, Unit 19.3	4	1
2	Host Factors that Recruit Autophagy as Defense Against <i>Toxoplasma Gondii</i> <b>2014</b> , 219-232		
1	CD40 Expressed in Endothelial Cells Promotes Upregulation of ICAM-1 But Not Pro-Inflammatory Cytokines, NOS2 and P2X7 in the Diabetic Retina <b>2021</b> , 62, 22		