Gloria Lopez-Castejon

List of Publications by Year in Descending Order

55 papers	3,588 citations	32 h-index	59 g-index
59 ext. papers	4,350 ext. citations	8.6 avg, IF	5.64 L-index

#	Paper	IF	Citations
55	Pro-IL-1β is an Early Prognostic Indicator of Severe Donor Lung Injury During Ex Vivo Lung Perfusion. *Transplantation*, **2021**, 105, 768-774	1.8	0
54	Response to correspondence on "Reproducibility of CRISPR-Cas9 methods for generation of conditional mouse alleles: a multi-center evaluation". *Genome Biology*, **2021**, 22, 99	18.3	2
53	NLRP3 at the crossroads between immune/inflammatory responses and enteric neuroplastic remodelling in a mouse model of diet-induced obesity. *British Journal of Pharmacology*, **2021**, 178, 3924-3942	8.6	5
52	Bafilomycin A1 enhances NLRP3 inflammasome activation in human monocytes independent of lysosomal acidification. *FEBS Journal*, **2021**, 288, 3186-3196	5.7	1
51	Internalization of the Membrane Attack Complex Triggers NLRP3 Inflammasome Activation and IL-1β Secretion in Human Macrophages. *Frontiers in Immunology*, **2021**, 12, 720655	8.4	5
50	Prodromal Intestinal Events in Alzheimer's Disease (AD): Colonic Dysmotility and Inflammation Are Associated with Enteric AD-Related Protein Deposition. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	10
49	The NLRP3-inflammasome as a sensor of organelle dysfunction. *Journal of Cell Biology*, **2020**, 219,	7.3	24
48	Control of the inflammasome by the ubiquitin system. *FEBS Journal*, **2020**, 287, 11-26	5.7	41
47	Mechanisms of NLRP3 priming in inflammaging and age related diseases. *Cytokine and Growth Factor Reviews*, **2020**, 55, 15-25	17.9	18
46	Priming Is Dispensable for NLRP3 Inflammasome Activation in Human Monocytes. *Frontiers in Immunology*, **2020**, 11, 565924	8.4	30
45	Reproducibility of CRISPR-Cas9 methods for generation of conditional mouse alleles: a multi-center evaluation. *Genome Biology*, **2019**, 20, 171	18.3	39
44	The three cytokines IL-1β, IL-18, and IL-1α share related but distinct secretory routes. *Journal of Biological Chemistry*, **2019**, 294, 8325-8335	5.4	28
43	The inflammasomes, immune guardians at defence barriers. *Immunology*, **2018**, 155, 320-330	7.8	21
42	Pathophysiology of NSAID-Associated Intestinal Lesions in the Rat: Luminal Bacteria and Mucosal Inflammation as Targets for Prevention. *Frontiers in Pharmacology*, **2018**, 9, 1340	5.6	24
41	Chloride regulates dynamic NLRP3-dependent ASC oligomerization and inflammasome priming. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E9371-E9380	11.5	74
40	USP7 and USP47 deubiquitinases regulate NLRP3 inflammasome activation. *EMBO Reports*, **2018**, 19,	6.5	69
39	Development of an Acrylate Derivative Targeting the NLRP3 Inflammasome for the Treatment of Inflammatory Bowel Disease. *Journal of Medicinal Chemistry*, **2017**, 60, 3656-3671	8.3	95

38	P2X7 receptor-dependent tuning of gut epithelial responses to infection. *Immunology and Cell Biology*, **2017**, 95, 178-188	5	28
37	Canonical and Non-Canonical Activation of NLRP3 Inflammasome at the Crossroad between Immune Tolerance and Intestinal Inflammation. *Frontiers in Immunology*, **2017**, 8, 36	8.4	93
36	Tu1889 Targeting of NLRP3 Inflammasome With a Novel Selective Inhibitor as a Suitable Strategy for the Pharmacological Treatment of Bowel Inflammation. *Gastroenterology*, **2016**, 150, S968-S969	13.3	3
35	Deubiquitinases: Novel Therapeutic Targets in Immune Surveillance?. *Mediators of Inflammation*, **2016**, 2016, 3481371	4.3	22
34	Functional Reconstruction of NLRs in HEK293 Cells. *Methods in Molecular Biology*, **2016**, 1417, 217-21	1.4	3
33	Method to Measure Ubiquitination of NLRs. *Methods in Molecular Biology*, **2016**, 1417, 223-9	1.4	3
32	Apoptosis-associated speck-like protein containing a CARD forms specks but does not activate caspase-1 in the absence of NLRP3 during macrophage swelling. *Journal of Immunology*, **2015**, 194, 1261-73	5.3	58
31	Regulation of NLRP3 activation by the ubiquitin system. *Inflammasome*, **2014**, 1,		2
30	Zinc depletion regulates the processing and secretion of IL-1 *Cell Death and Disease*, **2014**, 5, e1040	9.8	61
29	Dendritic cell IL-1 and IL-1 are polyubiquitinated and degraded by the proteasome. *Journal of Biological Chemistry*, **2014**, 289, 35582-92	5.4	38
28	Response to Boyle et al. *Immunity*, **2013**, 38, 400-1	32.3	1
27	Deubiquitinases regulate the activity of caspase-1 and interleukin-1 secretion via assembly of the inflammasome. *Journal of Biological Chemistry*, **2013**, 288, 2721-33	5.4	134
26	Microglia and macrophages differentially modulate cell death after brain injury caused by oxygen-glucose deprivation in organotypic brain slices. *Glia*, **2013**, 61, 813-24	9	116
25	Acidosis drives damage-associated molecular pattern (DAMP)-induced interleukin-1 secretion via a caspase-1-independent pathway. *Journal of Biological Chemistry*, **2013**, 288, 30485-30494	5.4	43
24	Sphingosine regulates the NLRP3-inflammasome and IL-1 release from macrophages. *European Journal of Immunology*, **2012**, 42, 716-25	6.1	62
23	Cell volume regulation modulates NLRP3 inflammasome activation. *Immunity*, **2012**, 37, 487-500	32.3	261
22	Current status of inflammasome blockers as anti-inflammatory drugs. *Expert Opinion on Investigational Drugs*, **2012**, 21, 995-1007	5.9	60
21	Evolution of inflammasome functions in vertebrates: Inflammasome and caspase-1 trigger fish macrophage cell death but are dispensable for the processing of IL-1 *Innate Immunity*, **2012**, 18, 815-24	2.7	64

20	Inhibition of calpain blocks the phagosomal escape of Listeria monocytogenes. *PLoS ONE*, **2012**, 7, e35936	3.7	14
19	NLRP3-Inflammasome Activating DAMPs Stimulate an Inflammatory Response in Glia in the Absence of Priming Which Contributes to Brain Inflammation after Injury. *Frontiers in Immunology*, **2012**, 3, 288	8.4	134
18	Two zinc uptake systems contribute to the full virulence of Listeria monocytogenes during growth in vitro and in vivo. *Infection and Immunity*, **2012**, 80, 14-21	3.7	49
17	Caspase-1: is IL-1 just the tip of the ICEberg?. *Cell Death and Disease*, **2012**, 3, e338	9.8	182
16	Signalling of DNA damage and cytokines across cell barriers exposed to nanoparticles depends on barrier thickness. *Nature Nanotechnology*, **2011**, 6, 824-33	28.7	101
15	Understanding the mechanism of IL-1β secretion. *Cytokine and Growth Factor Reviews*, **2011**, 22, 189-95	17.9	571
14	Novel macrophage polarization model: from gene expression to identification of new anti-inflammatory molecules. *Cellular and Molecular Life Sciences*, **2011**, 68, 3095-107	10.3	65
13	Interleukin-1β expression precedes IL-1α after ischemic brain injury and is localised to areas of focal neuronal loss and penumbral tissues. *Journal of Neuroinflammation*, **2011**, 8, 186	10.1	98
12	Efficient discovery of anti-inflammatory small-molecule combinations using evolutionary computing. *Nature Chemical Biology*, **2011**, 7, 902-8	11.7	52
11	P2X(7) receptor-mediated release of cathepsins from macrophages is a cytokine-independent mechanism potentially involved in joint diseases. *Journal of Immunology*, **2010**, 185, 2611-9	5.3	83
10	Nanoparticles can cause DNA damage across a cellular barrier. *Nature Nanotechnology*, **2009**, 4, 876-83	28.7	303
9	Molecular and functional characterization of gilthead seabream Sparus aurata caspase-1: the first identification of an inflammatory caspase in fish. *Molecular Immunology*, **2008**, 45, 49-57	4.3	44
8	Turbot TNFalpha gene: molecular characterization and biological activity of the recombinant protein. *Molecular Immunology*, **2007**, 44, 389-400	4.3	78
7	Characterization of ATP-gated P2X7 receptors in fish provides new insights into the mechanism of release of the leaderless cytokine interleukin-1 beta. *Molecular Immunology*, **2007**, 44, 1286-99	4.3	33
6	The activation of gilthead seabream professional phagocytes by different PAMPs underlines the behavioural diversity of the main innate immune cells of bony fish. *Molecular Immunology*, **2007**, 44, 2009-16	4.3	105
5	The type II interleukin-1 receptor (IL-1RII) of the bony fish gilthead seabream Sparus aurata is strongly induced after infection and tightly regulated at transcriptional and post-transcriptional levels. *Molecular Immunology*, **2007**, 44, 2772-80	4.3	47
4	The colony-stimulating factor-1 receptor is a specific marker of macrophages from the bony fish gilthead seabream. *Molecular Immunology*, **2006**, 43, 1418-23	4.3	73
3	Novel cell line selectively expressing neuropeptide Y-Y2 receptors. *Journal of Receptor and Signal Transduction Research*, **2003**, 23, 351-60	2.6	16

List of Publications

2	Priming is dispensable for NLRP3 inflammasome activation in human monocytes	1
1	NLRP3 activation in response to disrupted endocytic traffic	1