

# Ana Campa

## List of Publications by Year in descending order

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79  
papers

2,695  
citations

147801

31  
h-index

206112

48  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3428  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Function of Serum Amyloid A: A Potent Stimulus for the Release of Tumor Necrosis Factor- $\hat{1}\pm$ , Interleukin- $\hat{1}^2$ , and Interleukin-8 by Human Blood Neutrophil. <i>Biochemical and Biophysical Research Communications</i> , 2000, 268, 405-408.	2.1	213
2	Neutrophils and monocytes as potentially important sources of proinflammatory cytokines in diabetes. <i>Clinical and Experimental Immunology</i> , 2006, 146, 443-447.	2.6	165
3	Is serum amyloid A an endogenous TLR4 agonist?. <i>Journal of Leukocyte Biology</i> , 2008, 83, 1174-1180.	3.3	163
4	Oxidation of melatonin and its catabolites, N-acetyl-N <sup>2</sup> -formyl-5-methoxykynuramine and N-acetyl-5-methoxykynuramine, by activated leukocytes. <i>Journal of Pineal Research</i> , 2004, 37, 171-175.	7.4	97
5	Neutrophils as a specific target for melatonin and kynuramines: effects on cytokine release. <i>Journal of Neuroimmunology</i> , 2004, 156, 146-152.	2.3	77
6	Superoxide-dependent Oxidation of Melatonin by Myeloperoxidase. <i>Journal of Biological Chemistry</i> , 2005, 280, 38160-38169.	3.4	67
7	Macrophage Activation Includes High Intracellular Myeloperoxidase Activity. <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 869-873.	2.1	66
8	Low density lipoprotein oxidation by stimulated neutrophils and ferritin. <i>Atherosclerosis</i> , 1992, 97, 149-159.	0.8	65
9	mRNA expression and release of interleukin-8 induced by serum amyloid A in neutrophils and monocytes. <i>Mediators of Inflammation</i> , 2003, 12, 173-178.	3.0	65
10	Serum amyloid A-induced mRNA expression and release of tumor necrosis factor-alpha (TNF- $\hat{1}\pm$ ) in human neutrophils. <i>Immunology Letters</i> , 2004, 91, 33-37.	2.5	58
11	Myeloperoxidase-Catalyzed Oxidation of Melatonin by Activated Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 657-662.	2.1	57
12	In-vitro and in-vivo studies of the decrease of amphotericin B toxicity upon association with a triglyceride-rich emulsion. <i>Journal of Antimicrobial Chemotherapy</i> , 1993, 32, 123-132.	3.0	54
13	High concentrations of the melatonin metabolite, N1-acetyl-N 2-formyl-5-methoxykynuramine, in cerebrospinal fluid of patients with meningitis: a possible immunomodulatory mechanism. <i>Journal of Pineal Research</i> , 2005, 39, 302-306.	7.4	51
14	Melatonin Protects CD4+ T Cells from Activation-Induced Cell Death by Blocking NFAT-Mediated CD95 Ligand Upregulation. <i>Journal of Immunology</i> , 2010, 184, 3487-3494.	0.8	51
15	Oxidation of Melatonin and Tryptophan by an HRP Cycle Involving Compound III. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 130-134.	2.1	50
16	Apolipoproteins A-I and A-II downregulate neutrophil functions. <i>Lipids</i> , 2002, 37, 925-928.	1.7	50
17	The acute phase protein serum amyloid A primes neutrophils. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 38, 81-84.	2.7	50
18	Intracellular localization of myeloperoxidase in murine peritoneal B-lymphocytes and macrophages. <i>Cellular Immunology</i> , 2013, 281, 27-30.	3.0	50

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19	Chlorophyll: An efficient detector of electronically excited species in biochemical systems. <i>Analytical Biochemistry</i> , 1986, 155, 1-9.	2.4	49
20	Hyperresponsiveness of neutrophils from gp 91phox deficient patients to lipopolysaccharide and serum amyloid A. <i>Immunology Letters</i> , 2004, 94, 43-46.	2.5	44
21	Serum amyloid A induces reactive oxygen species (ROS) production and proliferation of fibroblast. <i>Clinical and Experimental Immunology</i> , 2011, 163, 362-367.	2.6	44
22	Tryptamine and dimethyltryptamine inhibit indoleamine 2,3 dioxygenase and increase the tumorâ€reactive effect of peripheral blood mononuclear cells. <i>Cell Biochemistry and Function</i> , 2013, 31, 361-364.	2.9	43
23	Fibroblasts Protect Melanoma Cells from the Cytotoxic Effects of Doxorubicin. <i>Tissue Engineering - Part A</i> , 2014, 20, 2412-2421.	3.1	40
24	Interaction between serum amyloid A and leukocytesâ€A possible role in the progression of vascular complications in diabetes. <i>Immunology Letters</i> , 2007, 108, 160-166.	2.5	39
25	Serum amyloid A is a growth factor for 3T3-L1 adipocytes, inhibits differentiation and promotes insulin resistance. <i>International Journal of Obesity</i> , 2012, 36, 1032-1039.	3.4	39
26	The term basal plate of the human placenta as a source of functional extravillous trophoblast cells. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 7.	3.3	36
27	The Oxidation of Indole Derivatives Catalyzed by Horseradish Peroxidase Is Highly Chemiluminescent. <i>Archives of Biochemistry and Biophysics</i> , 2001, 387, 173-179.	3.0	35
28	Analysis of chemokines and reactive oxygen species formation by rat and human neutrophils induced by microcystin-LA, -YR and -LR. <i>Toxicon</i> , 2008, 51, 1274-1280.	1.6	35
29	SODIUM CHLORIDE INHIBITS CYTOKINE PRODUCTION BY LIPOPOLYSACCHARIDE-STIMULATED HUMAN NEUTROPHILS AND MONONUCLEAR CELLS. <i>Shock</i> , 2007, 27, 32-35.	2.1	34
30	ELECTRONICALLY EXCITED STATES IN MICROSOMAL MEMBRANES: USE OF CHLOROPHYLLâ€i>a</i> AS AN INDICATOR OF TRIPLET CARBONYLS. <i>Photochemistry and Photobiology</i> , 1984, 40, 661-666.	2.5	33
31	Maternal and Cord Blood Levels of Serum Amyloid A, C-Reactive Protein, Tumor Necrosis Factor- $\alpha$ , Interleukin- $1\beta$ , and Interleukin-8 During and After Delivery. <i>Mediators of Inflammation</i> , 2005, 2005, 96-100.	3.0	33
32	Dual Effect of Serum Amyloid A on the Invasiveness of Glioma Cells. <i>Mediators of Inflammation</i> , 2013, 2013, 1-10.	3.0	33
33	Facile chemiluminescent method for alkaline phosphatase determination. <i>Analytica Chimica Acta</i> , 1999, 402, 99-104.	5.4	31
34	Effects of microcystins on human polymorphonuclear leukocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 273-277.	2.1	31
35	Oxidative metabolism and release of myeloperoxidase from polymorphonuclear leukocytes obtained from blood sedimentation in a ficoll-hypaque gradient. , 2000, 18, 127-132.		30
36	Serum Amyloid A in the Placenta and Its Role in Trophoblast Invasion. <i>PLoS ONE</i> , 2014, 9, e90881.	2.5	30

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37	The expanding roles of 1-methyltryptophan (1-MT): in addition to inhibiting kynurenine production, 1-MT activates the synthesis of melatonin in skin cells. <i>FEBS Journal</i> , 2013, 280, 4782-4792.	4.7	27
38	Hybrid Scaffolds Built From PET and Collagen as a Model For Vascular Graft Architecture. <i>Macromolecular Bioscience</i> , 2012, 12, 1660-1670.	4.1	26
39	TRIPLET ENERGY TRANSFER TO CHLOROPLASTS FROM PEROXIDASE-GENERATED EXCITED ALIPHATIC ALDEHYDES. <i>Photochemistry and Photobiology</i> , 1984, 40, 127-131.	2.5	25
40	THE $\dot{\text{O}}$ -OXIDASE SYSTEM OF YOUNG PEA LEAVES ( <i>Pisum sativum</i> ) AS GENERATOR OF ELECTRONICALLY EXCITED STATES. EXCITATION IN THE DARK UNDER NATURAL CONDITIONS. <i>Photochemistry and Photobiology</i> , 1987, 45, 849-854.	2.5	25
41	CONJUGATED DIENE FORMATION PROMOTED BY TRIPLET ACETONE ACTING UPON ARACHIDONIC ACID. <i>Photochemistry and Photobiology</i> , 1988, 48, 719-723.	2.5	25
42	Pharmacological parameters of intravenously administered amphotericin B in rats: comparison of the conventional formulation with amphotericin B associated with a triglyceride-rich emulsion. <i>Journal of Antimicrobial Chemotherapy</i> , 1999, 44, 77-84.	3.0	24
43	Serum amyloid A1 is upregulated in human glioblastoma. <i>Journal of Neuro-Oncology</i> , 2017, 132, 383-391.	2.9	23
44	Enhanced fibroblast adhesion and proliferation on electrospun fibers obtained from poly(isosorbide) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.8	22
45	Late effects of sleep restriction: Potentiating weight gain and insulin resistance arising from a high-fat diet in mice. <i>Obesity</i> , 2015, 23, 391-398.	3.0	22
46	Serum amyloid A links endotoxaemia to weight gain and insulin resistance in mice. <i>Diabetologia</i> , 2016, 59, 1760-1768.	6.3	22
47	Interferon-gamma independent oxidation of melatonin by macrophages. <i>Journal of Pineal Research</i> , 2003, 34, 69-74.	7.4	21
48	Serum amyloid A induces CCL20 secretion in mononuclear cells through MAPK (p38 and ERK1/2) signaling pathways. <i>Immunology Letters</i> , 2008, 121, 22-26.	2.5	20
49	High-density lipoprotein prevents SAA-induced production of TNF- $\dot{\text{O}}$ in THP-1 monocytic cells and peripheral blood mononuclear cells. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2011, 106, 986-992.	1.6	20
50	Myeloperoxidase in human peripheral blood lymphocytes: Production and subcellular localization. <i>Cellular Immunology</i> , 2016, 300, 18-25.	3.0	19
51	Indoleamine 2,3-dioxygenase and tryptophan 2,3-dioxygenase expression in HPV infection, SILs, and cervical cancer. <i>Cancer Cytopathology</i> , 2019, 127, 586-597.	2.4	19
52	Melatonin and its kynurenin-like oxidation products affect the microbicidal activity of neutrophils. <i>Microbes and Infection</i> , 2006, 8, 420-425.	1.9	18
53	Singlet oxygen generation from the peroxidase-catalysed aerobic oxidation of an activated $\dot{\text{O}}$ -CH $\dot{\text{O}}$ - substrate. <i>Journal of Photochemistry and Photobiology</i> , 1984, 25, 285-294.	0.6	15
54	Lipid emulsion reduces subacute toxicity of amphotericin B: a histopathological study. <i>Experimental and Toxicologic Pathology</i> , 2000, 52, 169-175.	2.1	14

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55	Biosynthesis of N,N-dimethyltryptamine (DMT) in a melanoma cell line and its metabolization by peroxidases. <i>Biochemical Pharmacology</i> , 2014, 88, 393-401.	4.4	14
56	Human macrophage metabolism of low density lipoprotein oxidized by stimulated neutrophils and ferritin. <i>Atherosclerosis</i> , 1994, 107, 157-163.	0.8	13
57	Serum Amyloid A Production Is Triggered by Sleep Deprivation in Mice and Humans: Is That the Link between Sleep Loss and Associated Comorbidities?. <i>Nutrients</i> , 2017, 9, 311.	4.1	13
58	Effect of amphotericin B associated with a lipid emulsion on the oxidative burst of human polymorphonuclear leukocytes. <i>General Pharmacology</i> , 1997, 28, 203-207.	0.7	12
59	The Acute-Phase Proteins Serum Amyloid A and C Reactive Protein in Transudates and Exudates. <i>Mediators of Inflammation</i> , 2006, 2006, 1-6.	3.0	12
60	Hypoxia Increases Serum Amyloid A3 (SAA3) in Differentiated 3T3-L1 Adipocytes. <i>Inflammation</i> , 2013, 36, 1107-1110.	3.8	12
61	Plant hormone ethylene is a Norrish type II product from enzymically generated triplet 1-butanol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 410-412.	7.1	11
62	$\hat{\pm}$ -OXIDASE ACTIVITY IN PLANTS AS PROMOTOR OF ELECTRONIC ENERGY. <i>Photochemistry and Photobiology</i> , 1989, 49, 349-354.	2.5	10
63	Indoleamine 2,3-dioxygenase in melanoma progression and BRAF inhibitor resistance. <i>Pharmacological Research</i> , 2020, 159, 104998.	7.1	10
64	Flavivirus-Mediating B Cell Differentiation Into Antibody-Secreting Cells in Humans Is Associated With the Activation of the Tryptophan Metabolism. <i>Frontiers in Immunology</i> , 2020, 11, 20.	4.8	10
65	$\hat{\pm}$ -Oxidation of $\hat{\pm}$ -hydroxyfatty acids in rat brain. Possible involvement of an $\hat{\pm}$ -peroxylactone. <i>Lipids</i> , 1989, 24, 750-752.	1.7	9
66	Oxidation of lysergic acid diethylamide (LSD) by peroxidases: a new metabolic pathway. <i>Forensic Toxicology</i> , 2012, 30, 87-97.	2.4	9
67	Cytotoxicity of PVPAC $\hat{\epsilon}$ -treated bovine pericardium: A potential replacement for glutaraldehyde in biological heart valves. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 574-582.	3.4	9
68	Low-level luminescence from microsomes exposed to enzymatic systems that generate triplet species. <i>Archives of Biochemistry and Biophysics</i> , 1984, 235, 673-678.	3.0	7
69	Esterase Coupled with the H <sub>2</sub> O <sub>2</sub> /Horseradish Peroxidase System Triggers Chemiluminescence from 2-Methyl-1-propenylbenzoate: A Potential Analytical Tool for Esterase Analysis. <i>Analytical Biochemistry</i> , 1996, 234, 215-220.	2.4	7
70	Chemiluminescent determination of esterases in monocytes. , 1998, 13, 195-200.		6
71	Melanocytes are more responsive to IFN- $\hat{1}^3$ and produce higher amounts of kynurenine than melanoma cells. <i>Biological Chemistry</i> , 2016, 397, 85-90.	2.5	6
72	Hyperresponsiveness of neutrophils from gp 91phox deficient patients to lipopolysaccharide and serum amyloid A. <i>Immunology Letters</i> , 2004, 94, 43-43.	2.5	5

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73	Indoleamine 2,3-dioxygenase (IDO) Activity in Placental Compartments of Renal-Transplanted Pregnant Women. American Journal of Reproductive Immunology, 2014, 72, 45-56.	1.2	5
74	The EffectIn vitro of High-Density Lipoprotein from Healthy and Infected Humans on the Oxidative Metabolism of Polymorphonuclear Leukocytes. , 1997, 15, 39-45.		4
75	Selective activity of butyrylcholinesterase in serum by a chemiluminescent assay. Luminescence, 2001, 16, 299-304.	2.9	4
76	Acute Inflammation Is a Predisposing Factor for Weight Gain and Insulin Resistance. Pharmaceutics, 2022, 14, 623.	4.5	4
77	Chemiluminescence Triggered by Hydrolase Activity in a Horseradish Peroxidase/H2O2-Coupled Assay. Photochemistry and Photobiology, 1996, 63, 742-745.	2.5	3
78	Kynurenine inhibits melanogenesis in human melanocyteâ€keratinocyte coâ€cultures and in a reconstructed 3D skin model. Experimental Dermatology, 2022, 31, 427-432.	2.9	3
79	Toxicity of amphotericin B to analbuminemic rats. Environmental Toxicology and Pharmacology, 1996, 2, 31-34.	4.0	2