

Elsa - Sanchez-Lopez

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

6,463
citations

109137

35
h-index

223531

46
g-index

53
all docs

53
docs citations

53
times ranked

10582
citing authors

#	ARTICLE	IF	CITATIONS
1	NF- κ B Restricts Inflammasome Activation via Elimination of Damaged Mitochondria. <i>Cell</i> , 2016, 164, 896-910.	13.5	859
2	New mitochondrial DNA synthesis enables NLRP3 inflammasome activation. <i>Nature</i> , 2018, 560, 198-203.	13.7	722
3	Autophagy, Inflammation, and Immunity: A Troika Governing Cancer and Its Treatment. <i>Cell</i> , 2016, 166, 288-298.	13.5	508
4	Immunosuppressive plasma cells impede T-cell-dependent immunogenic chemotherapy. <i>Nature</i> , 2015, 521, 94-98.	13.7	451
5	TGF- β 2 signaling in vascular fibrosis. <i>Cardiovascular Research</i> , 2007, 74, 196-206.	1.8	446
6	Angiotensin II Activates the Smad Pathway in Vascular Smooth Muscle Cells by a Transforming Growth Factor- β 2-Independent Mechanism. <i>Circulation</i> , 2005, 111, 2509-2517.	1.6	303
7	Angiotensin II: a key factor in the inflammatory and fibrotic response in kidney diseases. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 16-20.	0.4	291
8	Interleukin-17 Receptor A Signaling in Transformed Enterocytes Promotes Early Colorectal Tumorigenesis. <i>Immunity</i> , 2014, 41, 1052-1063.	6.6	265
9	Synovial inflammation in osteoarthritis progression. <i>Nature Reviews Rheumatology</i> , 2022, 18, 258-275.	3.5	243
10	Metformin inhibition of mitochondrial ATP and DNA synthesis abrogates NLRP3 inflammasome activation and pulmonary inflammation. <i>Immunity</i> , 2021, 54, 1463-1477.e11.	6.6	179
11	Oxidized DNA fragments exit mitochondria via mPTP- and VDAC-dependent channels to activate NLRP3 inflammasome and interferon signaling. <i>Immunity</i> , 2022, 55, 1370-1385.e8.	6.6	158
12	Choline Uptake and Metabolism Modulate Macrophage IL-1 β and IL-18 Production. <i>Cell Metabolism</i> , 2019, 29, 1350-1362.e7.	7.2	140
13	Renal and vascular hypertension-induced inflammation: role of angiotensin II. <i>Current Opinion in Nephrology and Hypertension</i> , 2006, 15, 159-166.	1.0	132
14	Hexokinase 2 as a novel selective metabolic target for rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1636-1643.	0.5	123
15	Targeting colorectal cancer via its microenvironment by inhibiting IGF-1 receptor-insulin receptor substrate and STAT3 signaling. <i>Oncogene</i> , 2016, 35, 2634-2644.	2.6	120
16	Angiotensin II activates the Smad pathway during epithelial mesenchymal transdifferentiation. <i>Kidney International</i> , 2008, 74, 585-595.	2.6	110
17	CTGF Promotes Inflammatory Cell Infiltration of the Renal Interstitium by Activating NF- κ B. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1513-1526.	3.0	110
18	Endothelin-1, via ETAReceptor and Independently of Transforming Growth Factor- β 2, Increases the Connective Tissue Growth Factor in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2005, 97, 125-134.	2.0	108

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19	Angiotensin IV Activates the Nuclear Transcription Factor- $\hat{\nu}$ B and Related Proinflammatory Genes in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2005, 96, 965-973.	2.0	97
20	HMG-CoA Reductase Inhibitors Decrease Angiotensin II-Induced Vascular Fibrosis. <i>Hypertension</i> , 2007, 50, 377-383.	1.3	97
21	Fibroblast-Like Synoviocytes Glucose Metabolism as a Therapeutic Target in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2019, 10, 1743.	2.2	77
22	Autophagy, NLRP3 inflammasome and auto-inflammatory/immune diseases. <i>Clinical and Experimental Rheumatology</i> , 2016, 34, 12-6.	0.4	72
23	Pharmacological Modulation of Epithelial Mesenchymal Transition Caused by Angiotensin II. Role of ROCK and MAPK Pathways. <i>Pharmaceutical Research</i> , 2008, 25, 2447-2461.	1.7	64
24	Choline kinase inhibition in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1399-1407.	0.5	64
25	Choline kinase inhibition induces exacerbated endoplasmic reticulum stress and triggers apoptosis via CHOP in cancer cells. <i>Cell Death and Disease</i> , 2013, 4, e933-e933.	2.7	63
26	Differential effect of quercetin on cisplatin-induced toxicity in kidney and tumor tissues. <i>Food and Chemical Toxicology</i> , 2017, 107, 226-236.	1.8	63
27	HSP27/HSPB1 as an adaptive podocyte antiapoptotic protein activated by high glucose and angiotensin II. <i>Laboratory Investigation</i> , 2012, 92, 32-45.	1.7	55
28	Angiotensin II Regulates Vascular Endothelial Growth Factor via Hypoxia-Inducible Factor-1 $\hat{\nu}$ Induction and Redox Mechanisms in the Kidney. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1275-1284.	2.5	50
29	Essential Role of TGF- $\hat{\nu}$ 2/Smad Pathway on Statin Dependent Vascular Smooth Muscle Cell Regulation. <i>PLoS ONE</i> , 2008, 3, e3959.	1.1	49
30	The Rho-kinase pathway regulates angiotensin II-induced renal damage. <i>Kidney International</i> , 2005, 68, S39-S45.	2.6	47
31	Inhibitory effect of interleukin-1 $\hat{\nu}$ 2 on angiotensin II-induced connective tissue growth factor and type IV collagen production in cultured mesangial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F149-F160.	1.3	47
32	Hypoxia-Inducible Factor-1 $\hat{\nu}$ 2: The Master Regulator of Endothelial Cell Senescence in Vascular Aging. <i>Cells</i> , 2020, 9, 195.	1.8	47
33	The C-terminal module IV of connective tissue growth factor is a novel immune modulator of the Th17 response. <i>Laboratory Investigation</i> , 2013, 93, 812-824.	1.7	42
34	Integrin-linked kinase plays a key role in the regulation of angiotensin II-induced renal inflammation. <i>Clinical Science</i> , 2014, 127, 19-31.	1.8	39
35	Cirmtuzumab blocks Wnt5a/ROR1 stimulation of NF- $\hat{\nu}$ B to repress autocrine STAT3 activation in chronic lymphocytic leukemia. <i>Blood</i> , 2019, 134, 1084-1094.	0.6	38
36	Can Metabolic Pathways Be Therapeutic Targets in Rheumatoid Arthritis?. <i>Journal of Clinical Medicine</i> , 2019, 8, 753.	1.0	32

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37	NF- κ B-p62-NRF2 survival signaling is associated with high ROR1 expression in chronic lymphocytic leukemia. <i>Cell Death and Differentiation</i> , 2020, 27, 2206-2216.	5.0	30
38	Angiotensin II, via angiotensin receptor type 1/nuclear factor- κ B activation, causes a synergistic effect on interleukin-1 β -induced inflammatory responses in cultured mesangial cells. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 23-32.	1.0	23
39	Autophagy-mitophagy induction attenuates cardiovascular inflammation in a murine model of Kawasaki disease vasculitis. <i>JCI Insight</i> , 2021, 6, .	2.3	23
40	Monosodium urate crystals regulate a unique JNK-dependent macrophage metabolic and inflammatory response. <i>Cell Reports</i> , 2022, 38, 110489.	2.9	20
41	Lights and shadows of proteomic technologies for the study of protein species including isoforms, splicing variants and protein post-translational modifications. <i>Proteomics</i> , 2011, 11, 590-603.	1.3	19
42	Epigenetic Regulation of Nutrient Transporters in Rheumatoid Arthritis Fibroblast-Like Synoviocytes. <i>Arthritis and Rheumatology</i> , 2022, , .	2.9	10
43	Modulation of Angiotensin II Effects, A Potential Novel Approach to Inflammatory and Immune Diseases. <i>Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents</i> , 2003, 2, 379-394.	0.4	9
44	ANGIOTENSIN II ACTIVATES THE SMAD SIGNALLING PATHWAY. <i>Journal of Hypertension</i> , 2004, 22, S351-S352.	0.3	1
45	Monosodium Urate Crystals Regulate a Unique JNK-Dependent Macrophage Metabolic and Inflammatory Response. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
46	INTERLEUKIN-1BETA INHIBITS CONNECTIVE TISSUE GROWTH FACTOR AND FIBRONECTIN PRODUCTION CAUSED BY ANGIOTENSIN II IN MESANGIAL CELLS. <i>Journal of Hypertension</i> , 2004, 22, S42-S43.	0.3	0
47	RHOA/RHO-KINASE PATHWAY REGULATES ANGIOTENSIN II-INDUCED CONNECTIVE TISSUE GROWTH FACTOR. POTENTIAL MECHANISMS OF STATINS ON ANGIO-INDUCED VASCULAR DAMAGE. <i>Journal of Hypertension</i> , 2004, 22, S40.	0.3	0
48	Abstract 2644: Inhibition of choline kinase increases endoplasmic reticulum stress proteins. , 2011, , .		0
49	Cirtuzumab Blocks Production of Proinflammatory Factors By Inhibiting Wnt5a/ROR1 Induced Activation of NF-Kappa B in Chronic Lymphocytic Leukemia. <i>Blood</i> , 2018, 132, 4415-4415.	0.6	0
50	Activation of NF-Kappa B-p62-NRF2 Signaling Supports the Survival of CLL Cells That Express High Levels of ROR1. <i>Blood</i> , 2018, 132, 3122-3122.	0.6	0