

Rachel Levy

List of Publications by Year in descending order

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39
papers

1,325
citations

304743

22
h-index

330143

37
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all docs

39
docs citations

39
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the binding of cytosolic phospholipase A2 alpha and NOX2 NADPH oxidase in mouse macrophages. <i>Molecular Biology Reports</i> , 2022, 49, 3511-3518.	2.3	0
2	Lumenato protects normal human dermal fibroblasts from neutrophil-induced collagen-3 damage in co-cultures. <i>PLoS ONE</i> , 2021, 16, e0248183.	2.5	7
3	Early upregulation of cytosolic phospholipase A2 α in motor neurons is induced by misfolded SOD1 in a mouse model of amyotrophic lateral sclerosis. <i>Journal of Neuroinflammation</i> , 2021, 18, 274.	7.2	5
4	The Combined Anti-Inflammatory Effect of Astaxanthin, Lyc-O-Mato and Carnosic Acid In Vitro and In Vivo in a Mouse Model of Peritonitis. <i>Journal of Nutrition & Food Sciences</i> , 2018, 08, .	1.0	9
5	Combination of EPA with Carotenoids and Polyphenol Synergistically Attenuated the Transformation of Microglia to M1 Phenotype Via Inhibition of NF- κ B. <i>NeuroMolecular Medicine</i> , 2017, 19, 436-451.	3.4	15
6	Regulatory role of cytosolic phospholipase A2 alpha in the induction of CD40 in microglia. <i>Journal of Neuroinflammation</i> , 2017, 14, 33.	7.2	14
7	Cytosolic phospholipase A ₂ α has a crucial role in the pathogenesis of DSS-induced colitis in mice. <i>European Journal of Immunology</i> , 2016, 46, 400-408.	2.9	17
8	Reduction of cytosolic phospholipase A2 α upregulation delays the onset of symptoms in SOD1G93A mouse model of amyotrophic lateral sclerosis. <i>Journal of Neuroinflammation</i> , 2016, 13, 134.	7.2	32
9	The role of cytosolic phospholipase A ₂ α in amyloid precursor protein induction by amyloid beta ₁₋₄₂ : implication for neurodegeneration. <i>Journal of Neurochemistry</i> , 2015, 132, 559-571.	3.9	25
10	Induction of Cytosolic Phospholipase A2 α Is Required for Adipose Neutrophil Infiltration and Hepatic Insulin Resistance Early in the Course of High-Fat Feeding. <i>Diabetes</i> , 2013, 62, 3053-3063.	0.6	46
11	Cytosolic phospholipase A2 α upregulation mediates apoptotic neuronal death induced by aggregated amyloid- β peptide ₁₋₄₂ . <i>Neurochemistry International</i> , 2013, 63, 541-550.	3.8	28
12	The synergistic anti-inflammatory effects of lycopene, lutein, β -carotene, and carnosic acid combinations via redox-based inhibition of NF- κ B signaling. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1381-1391.	2.9	103
13	HT-29 human colon cancer cell proliferation is regulated by cytosolic phospholipase A2 α dependent PGE2 via both PKA and PKB pathways. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 1224-1234.	2.4	25
14	Endothelial ICAM-1 Protein Induction Is Regulated by Cytosolic Phospholipase A2 α via Both NF- κ B and CREB Transcription Factors. <i>Journal of Immunology</i> , 2011, 186, 1816-1827.	0.8	57
15	Abnormal neutrophil chemotactic activity in children with congenital insensitivity to pain with anhidrosis (CIPA): The role of nerve growth factor. <i>Clinical Immunology</i> , 2009, 130, 365-372.	3.2	32
16	Reduction of cPLA ₂ α overexpression: An efficient anti-inflammatory therapy for collagen-induced arthritis. <i>European Journal of Immunology</i> , 2008, 38, 2905-2915.	2.9	39
17	Cytosolic Phospholipase A2 α Is Targeted to the p47 -PX Domain of the Assembled NADPH Oxidase via a Novel Binding Site in Its C2 Domain. <i>Journal of Biological Chemistry</i> , 2008, 283, 31898-31908.	3.4	26
18	The role of cytosolic phospholipase A2-alfa in regulation of phagocytic functions. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 1323-1334.	2.4	32

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19	Induction of Fc γ RIIA expression in myeloid PLB cells during differentiation depends on cytosolic phospholipase A2 activity and is regulated via activation of CREB by PGE2. <i>Blood</i> , 2006, 108, 1758-1766.	1.4	19
20	Stimulation of NADPH oxidase by angiotensin II in human neutrophils is mediated by ERK, p38 MAP-kinase and cytosolic phospholipase A2. <i>Journal of Hypertension</i> , 2005, 23, 1183-1190.	0.5	36
21	Superoxides produced by angiotensin II-stimulated phagocytes mediate the adhesion of phagocytes to endothelial cells. <i>American Journal of Hypertension</i> , 2004, 17, S242-S243.	2.0	0
22	Unique targeting of cytosolic phospholipase A2 to plasma membranes mediated by the NADPH oxidase in phagocytes. <i>Journal of Cell Biology</i> , 2003, 162, 683-692.	5.2	82
23	The requirement of cytosolic phospholipase A2 for the PMA activation of proton efflux through the N-terminal 230-amino-acid fragment of gp91phox. <i>Biochemical Journal</i> , 2003, 374, 315-319.	3.7	14
24	Activation of Cytosolic Phospholipase A2 by Opsonized Zymosan in Human Neutrophils Requires Both ERK and p38 Map-Kinase. <i>Advances in Experimental Medicine and Biology</i> , 2002, 479, 115-123.	1.6	5
25	Essential Requirement of Cytosolic Phospholipase A2 for Stimulation of NADPH Oxidase-associated Diaphorase Activity in Granulocyte-like Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 33495-33503.	3.4	31
26	Phagocytic killing and antibody response during the first year after tetravalent meningococcal vaccine in complement-deficient and in normal individuals. <i>Journal of Clinical Immunology</i> , 2000, 20, 46-53.	3.8	15
27	The Requirement of Both Extracellular Regulated Kinase and p38 Mitogen-activated Protein Kinase for Stimulation of Cytosolic Phospholipase A2 Activity by Either Fc γ RIIA or Fc γ RIIB in Human Neutrophils. <i>Journal of Biological Chemistry</i> , 2000, 275, 12416-12423.	3.4	60
28	Essential Requirement of Cytosolic Phospholipase A2 for Activation of the H ⁺ Channel in Phagocyte-like Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 21603-21608.	3.4	55
29	Essential Requirement of Cytosolic Phospholipase A2 for Activation of the Phagocyte NADPH Oxidase. <i>Journal of Biological Chemistry</i> , 1998, 273, 441-445.	3.4	190
30	Cytosolic phospholipase A2 and its mode of activation in human neutrophils by opsonized zymosan: Correlation between 42/44 kDa mitogen-activated protein kinase, cytosolic phospholipase A2 and NADPH oxidase. <i>Biochemical Journal</i> , 1997, 326, 867-876.	3.7	82
31	IL-1 β and IL-6 in community-acquired pneumonia: Bacteremic pneumococcal pneumonia versus <i>Mycoplasma pneumoniae</i> pneumonia. <i>Infection</i> , 1997, 25, 90-94.	4.7	37
32	Impaired neutrophil functions in patients with leukocytoclastic vasculitis. <i>International Journal of Dermatology</i> , 1997, 36, 509-513.	1.0	7
33	Translocation of annexin I to plasma membranes and phagosomes in human neutrophils upon stimulation with opsonized zymosan: possible role in phagosome function. <i>Biochemical Journal</i> , 1996, 316, 35-42.	3.7	32
34	SUPEROXIDE PRODUCTION BY NEUTROPHILS FROM TRAUMA PATIENTS. <i>Journal of Trauma</i> , 1994, 37, 22-29.	2.3	19
35	Increased neutrophil function induced by bile duct ligation in a rat model. <i>Hepatology</i> , 1993, 17, 908-914.	7.3	49
36	Arachidonic acid increases the activity of the assembled NADPH oxidase in cytoplasmic membranes and endosomes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1993, 1176, 51-58.	4.1	46

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37	Increased neutrophil function induced by bile duct ligation in a rat model. <i>Hepatology</i> , 1993, 17, 908-914.	7.3	3
38	Production of myeloid cell cytosols functionally and immunochemically deficient in the 47 kDa or 67 kDa NADPH oxidase cytosolic factors. <i>Biochemical and Biophysical Research Communications</i> , 1990, 170, 1114-1120.	2.1	19
39	1,25-Dihydroxyvitamin D-3 alters membrane phospholipid composition and enhances calcium efflux in HL-60 cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 902, 178-182.	2.6	12