

Egle Solito

List of Publications by Year in descending order

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72
papers

4,660
citations

101384

36
h-index

102304

66
g-index

75
all docs

75
docs citations

75
times ranked

4873
citing authors

#	ARTICLE	IF	CITATIONS
1	Endogenous lipid- and peptide-derived anti-inflammatory pathways generated with glucocorticoid and aspirin treatment activate the lipoxin A4 receptor. <i>Nature Medicine</i> , 2002, 8, 1296-1302.	15.2	435
2	Microglia Function in Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 2012, 3, 14.	1.6	285
3	Annexin 1: more than an anti-phospholipase protein. <i>Inflammation Research</i> , 2004, 53, 125-132.	1.6	270
4	Annexin 1 and its bioactive peptide inhibit neutrophil-endothelium interactions under flow: indication of distinct receptor involvement. <i>Blood</i> , 2006, 107, 2123-2130.	0.6	201
5	Identification of an essential endogenous regulator of blood-brain barrier integrity, and its pathological and therapeutic implications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 832-841.	3.3	175
6	Annexin A1: A Central Player in the Anti-Inflammatory and Neuroprotective Role of Microglia. <i>Journal of Immunology</i> , 2010, 185, 6317-6328.	0.4	173
7	A novel calcium-dependent proapoptotic effect of annexin 1 on human neutrophils. <i>FASEB Journal</i> , 2003, 17, 1-27.	0.2	168
8	Dexamethasone Induces Rapid Serine-Phosphorylation and Membrane Translocation of Annexin 1 in a Human Folliculostellate Cell Line via a Novel Nongenomic Mechanism Involving the Glucocorticoid Receptor, Protein Kinase C, Phosphatidylinositol 3-Kinase, and Mitogen-Activated Protein Kinase. <i>Endocrinology</i> , 2003, 144, 1164-1174.	1.4	159
9	Annexin A1: Uncovering the Many Talents of an Old Protein. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1045.	1.8	135
10	Estrogen protects the blood-brain barrier from inflammation-induced disruption and increased lymphocyte trafficking. <i>Brain, Behavior, and Immunity</i> , 2016, 51, 212-222.	2.0	111
11	Involvement of the Receptor for Formylated Peptides in the in Vivo Anti-Migratory Actions of Annexin 1 and its Mimetics. <i>American Journal of Pathology</i> , 2001, 158, 1969-1973.	1.9	110
12	Dexamethasone induces the expression of the mRNA of lipocortin 1 and 2 and the release of lipocortin 1 and 5 in differentiated, but not undifferentiated U-937 cells. <i>FEBS Letters</i> , 1991, 291, 238-244.	1.3	103
13	Transfection of annexin 1 in monocytic cells produces a high degree of spontaneous and stimulated apoptosis associated with caspase-3 activation. <i>British Journal of Pharmacology</i> , 2001, 133, 217-228.	2.7	102
14	Anti-Inflammatory Mechanisms of the Annexin A1 Protein and Its Mimetic Peptide Ac2-26 in Models of Ocular Inflammation In Vivo and In Vitro. <i>Journal of Immunology</i> , 2013, 190, 5689-5701.	0.4	97
15	Lipocortin 1 reduces myocardial ischemia-reperfusion injury by affecting local leukocyte recruitment. <i>FASEB Journal</i> , 2000, 14, 1867-1869.	0.2	91
16	Annexin 1 expression and phosphorylation are upregulated during liver regeneration and transformation in antithrombin iii sv40 t large antigen transgenic mice. <i>Hepatology</i> , 2000, 31, 371-380.	3.6	86
17	Mitochondrial mass governs the extent of human T cell senescence. <i>Aging Cell</i> , 2020, 19, e13067.	3.0	79
18	IL-6 STIMULATES ANNEXIN 1 EXPRESSION AND TRANSLOCATION AND SUGGESTS A NEW BIOLOGICAL ROLE AS CLASS II ACUTE PHASE PROTEIN. <i>Cytokine</i> , 1998, 10, 514-521.	1.4	77

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19	The anti-inflammatory Annexin A1 induces the clearance and degradation of the amyloid- β peptide. <i>Journal of Neuroinflammation</i> , 2016, 13, 234.	3.1	77
20	Annexin A1 in the brain –“ undiscovered roles?. <i>Trends in Pharmacological Sciences</i> , 2008, 29, 135-142.	4.0	76
21	Annexin 1 Binds to U937 Monocytic Cells and Inhibits Their Adhesion to Microvascular Endothelium: Involvement of the α 4 β 1 Integrin. <i>Journal of Immunology</i> , 2000, 165, 1573-1581.	0.4	75
22	Annexin 1, Glucocorticoids, and the Neuroendocrine-Immune Interface. <i>Annals of the New York Academy of Sciences</i> , 2006, 1088, 396-409.	1.8	73
23	Annexin 1 and the regulation of endocrine function. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 103-109.	3.1	65
24	Regulation of blood–brain barrier integrity by microbiome-associated methylamines and cognition by trimethylamine N-oxide. <i>Microbiome</i> , 2021, 9, 235.	4.9	65
25	Annexin-A1: Therapeutic Potential in Microvascular Disease. <i>Frontiers in Immunology</i> , 2019, 10, 938.	2.2	61
26	Dexamethasone–induced translocation of lipocortin (annexin) 1 to the cell membrane of U937 cells. <i>British Journal of Pharmacology</i> , 1994, 112, 347-348.	2.7	58
27	Attenuation of glucocorticoid functions in an Anx-A1-/- cell line. <i>Biochemical Journal</i> , 2003, 371, 927-935.	1.7	57
28	Annexin-1 downregulation in thyroid cancer correlates to the degree of tumour differentiation. <i>Cancer Biology and Therapy</i> , 2006, 5, 643-647.	1.5	52
29	Cytokine Modulation of Liver Annexin 1 Expression during Experimental Endotoxemia. <i>American Journal of Pathology</i> , 2001, 159, 1435-1443.	1.9	49
30	Expression, subcellular localization and phosphorylation status of annexins 1 and 5 in human pituitary adenomas and a growth hormone-secreting carcinoma. <i>Clinical Endocrinology</i> , 2004, 60, 107-119.	1.2	48
31	Annexin A1 attenuates microvascular complications through restoration of Akt signalling in a murine model of type 1 diabetes. <i>Diabetologia</i> , 2018, 61, 482-495.	2.9	48
32	The resolution of acute inflammation induced by cyclic AMP is dependent on annexin A1. <i>Journal of Biological Chemistry</i> , 2017, 292, 13758-13773.	1.6	47
33	U937 cells deprived of endogenous annexin 1 demonstrate an increased PLA2 activity. <i>British Journal of Pharmacology</i> , 1998, 124, 1675-1683.	2.7	46
34	Annexin 1-Dependent Actions of Glucocorticoids in the Anterior Pituitary Gland: Roles of the N-Terminal Domain and Protein Kinase C. <i>Endocrinology</i> , 2002, 143, 3060-3070.	1.4	46
35	Identification of AnnexinA1 as an Endogenous Regulator of RhoA, and Its Role in the Pathophysiology and Experimental Therapy of Type-2 Diabetes. <i>Frontiers in Immunology</i> , 2019, 10, 571.	2.2	43
36	The restorative role of annexin A1 at the blood–brain barrier. <i>Fluids and Barriers of the CNS</i> , 2016, 13, 17.	2.4	41

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37	Correlation between the Antiinflammatory Protein Annexin 1 (Lipocortin 1) and Serum Cortisol in Subjects with Normal and Dysregulated Adrenal Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 557-562.	1.8	39
38	Annexin 1 Modulates Monocyte-Endothelial Cell Interaction In Vitro and Cell Migration In Vivo in the Human SCID Mouse Transplantation Model. <i>Journal of Immunology</i> , 2002, 169, 2085-2092.	0.4	37
39	Anti-Allergic Cromones Inhibit Histamine and Eicosanoid Release from Activated Human and Murine Mast Cells by Releasing Annexin A1. <i>PLoS ONE</i> , 2013, 8, e58963.	1.1	36
40	De novo expression of lipocortin-1 in reactive microglia and astrocytes in kainic acid lesioned rat cerebellum. , 1999, 26, 333-343.		34
41	Annexin A1 regulates hormone exocytosis through a mechanism involving actin reorganization. <i>FASEB Journal</i> , 2009, 23, 4000-4010.	0.2	34
42	Antiallergic Cromones Inhibit Neutrophil Recruitment Onto Vascular Endothelium via Annexin-A1 Mobilization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1718-1724.	1.1	34
43	A novel anti-inflammatory peptide from human lipocortin 5. <i>British Journal of Pharmacology</i> , 1991, 103, 1327-1332.	2.7	33
44	Annexin-A1 restricts Th17 cells and attenuates the severity of autoimmune disease. <i>Journal of Autoimmunity</i> , 2015, 58, 1-11.	3.0	32
45	Gene deletion reveals roles for annexin A1 in the regulation of lipolysis and IL-6 release in epididymal adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E1264-E1273.	1.8	31
46	Cromoglycate drugs suppress eicosanoid generation in U937 cells by promoting the release of Anx-A1. <i>Biochemical Pharmacology</i> , 2009, 77, 1814-1826.	2.0	31
47	Increased apoptosis in U937 cells over-expressing lipocortin 1 (annexin I). <i>Life Sciences</i> , 2000, 66, PL265-PL270.	2.0	29
48	Dexamethasone enhances interaction of endogenous Annexin 1 with L-selectin and triggers shedding of L-selectin in the monocytic cell line U-937. <i>British Journal of Pharmacology</i> , 2003, 140, 133-145.	2.7	29
49	Metabolic Syndrome and the Immunological Affair with the Blood-Brain Barrier. <i>Frontiers in Immunology</i> , 2014, 5, 677.	2.2	29
50	Estrogen Promotes Pro-resolving Microglial Behavior and Phagocytic Cell Clearance Through the Actions of Annexin A1. <i>Frontiers in Endocrinology</i> , 2019, 10, 420.	1.5	28
51	Changes in vascular permeability in the spinal cord contribute to chemotherapy-induced neuropathic pain. <i>Brain, Behavior, and Immunity</i> , 2020, 83, 248-259.	2.0	26
52	Reduced Annexin A1 Expression Associates with Disease Severity and Inflammation in Multiple Sclerosis Patients. <i>Journal of Immunology</i> , 2019, 203, 1753-1765.	0.4	24
53	Annexin A1 restores cerebrovascular integrity concomitant with reduced amyloid- β^2 and tau pathology. <i>Brain</i> , 2021, 144, 1526-1541.	3.7	24
54	Preservation of microvascular barrier function requires CD31 receptor-induced metabolic reprogramming. <i>Nature Communications</i> , 2020, 11, 3595.	5.8	22

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55	Annexin 1: a paracrine/juxtacrine mediator of glucocorticoid action in the neuroendocrine system. <i>Cell Biochemistry and Function</i> , 2003, 21, 217-221.	1.4	21
56	The role of the Annexin-A1/FPR2 system in the regulation of mast cell degranulation provoked by compound 48/80 and in the inhibitory action of nedocromil. <i>International Immunopharmacology</i> , 2016, 32, 87-95.	1.7	21
57	Immuno-metabolic impact of the multiple sclerosis patients' sera on endothelial cells of the blood-brain barrier. <i>Journal of Neuroinflammation</i> , 2020, 17, 153.	3.1	20
58	Antiflammin-2 Activates the Human Formyl-Peptide Receptor Like 1. <i>Scientific World Journal</i> , The, 2006, 6, 1375-1384.	0.8	19
59	The GRINX1 pathway is a pathological player and a candidate target in epilepsy. <i>FASEB Journal</i> , 2019, 33, 13998-14009.	0.2	19
60	Membrane-Induced Folding and Structure of Membrane-Bound Annexin A1 N-Terminal Peptides: Implications for Annexin-Induced Membrane Aggregation. <i>Biophysical Journal</i> , 2008, 94, 1773-1781.	0.2	18
61	Impact of metabolic disorders on the structural, functional, and immunological integrity of the blood-brain barrier: Therapeutic avenues. <i>FASEB Journal</i> , 2022, 36, e22107.	0.2	16
62	In vitro and in vivo studies on CCR10 regulation by Annexin A1. <i>FEBS Letters</i> , 2006, 580, 1431-1438.	1.3	15
63	Anti-allergic drugs and the Annexin-A1 system. <i>Pharmacological Reports</i> , 2010, 62, 511-517.	1.5	15
64	Control of expression and activity of peroxisome proliferated-activated receptor β by Annexin A1 on microglia during efferocytosis. <i>Cell Biochemistry and Function</i> , 2019, 37, 560-568.	1.4	13
65	The Impact of Ageing on the CNS Immune Response in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2021, 12, 738511.	2.2	11
66	Annexin 1-Dependent Actions of Glucocorticoids in the Anterior Pituitary Gland: Roles of the N-Terminal Domain and Protein Kinase C. , 0, .		11
67	Connections of annexin A1 and translocator protein-18 kDa on toll like receptor stimulated BV-2 cells. <i>Experimental Cell Research</i> , 2018, 367, 282-290.	1.2	7
68	A Synthetic Peptide Designed to Neutralize Lipopolysaccharides Attenuates Metaflammation and Diet-Induced Metabolic Derangements in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 701275.	2.2	7
69	Relationship between HPV and the biomarkers annexin A1 and p53 in oropharyngeal cancer. <i>Infectious Agents and Cancer</i> , 2014, 9, 13.	1.2	5
70	Does Neuroinflammation Underlie the Cognitive Changes Observed With Dietary Interventions?. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	2
71	Corrigendum to "In vitro and in vivo studies on CCR10 regulation by Annexin A1" [FEBS Letters 580 (2006) 1431-1438]. <i>FEBS Letters</i> , 2006, 580, 1908-1908.	1.3	0
72	Is AnnexinA1 The Miracle Drug For Diabetes?. , 2018, , .		0