Angelo Sala

List of Publications by Year
in descending order

120 papers	4,537 citations	81839 39 h-index	110317 64 g-index
127 all docs	127 docs citations	127 times ranked	5083 citing authors

#	Article	IF	Citations
1	Bioactive Compounds in Edible Oils and Their Role in Oxidative Stress and Inflammation. Frontiers in Physiology, 2021, 12, 659551.	1.3	37
2	Effects of Mediterranean Diet or Low-Fat Diet on Blood Fatty Acids in Patients with Coronary Heart Disease. A Randomized Intervention Study. Nutrients, 2021, 13, 2389.	1.7	5
3	Citrus flavonoids effects on human umbilical vein. Journal of Functional Foods, 2021, 86, 104731.	1.6	1
4	Blood Fatty Acids Profile in MIS-C Children. Metabolites, 2021, 11, 721.	1.3	5
5	The Atlas of Inflammation Resolution (AIR). Molecular Aspects of Medicine, 2020, 74, 100894.	2.7	110
6	Montelukast Use Decreases Cardiovascular Events in Asthmatics. Frontiers in Pharmacology, 2020, 11, 611561.	1.6	14
7	Rapid Metabolization of Protectin D1 by Î²-Oxidation of Its Polar Head Chain. Journal of Medicinal Chemistry, 2019, 62, 9961-9975.	2.9	18
8	CHF6001 Inhibits NF-Î°B Activation and Neutrophilic Recruitment in LPS-Induced Lung Inflammation in Mice. Frontiers in Pharmacology, 2019, 10, 1337.	1.6	7
9	Arachidonic Acid and Docosahexaenoic Acid Metabolites in the Airways of Adults With Cystic Fibrosis: Effect of Docosahexaenoic Acid Supplementation. Frontiers in Pharmacology, 2019, 10, 938.	1.6	13
10	Discovery of the First in Vivo Active Inhibitors of the Soluble Epoxide Hydrolase Phosphatase Domain. Journal of Medicinal Chemistry, 2019, 62, 8443-8460.	2.9	19
11	Montelukast and cardiovascular events: Insights from observational retrospective study. , 2019, , .		0
12	Two-pronged approach to anti-inflammatory therapy through the modulation of the arachidonic acid cascade. Biochemical Pharmacology, 2018, 158, 161-173.	2.0	41
13	Increased dietary levels of Î±-linoleic acid inhibit mammary tumor growth and metastasis. European Journal of Nutrition, 2017, 56, 509-519.	1.8	31
14	Proanthocyanidins from Vitis vinifera inhibit oxidative stress-induced vascular impairment in pulmonary arteries from diabetic rats. Phytomedicine, 2017, 25, 39-44.	2.3	18
15	The role of montelukast in cardiovascular events. Atherosclerosis, 2017, 263, e150.	0.4	1
16	Continuous wound infusion with chloroprocaine in a pig model of surgical lesion: drug absorption and effects on inflammatory response. Journal of Pain Research, 2017, Volume 10, 2515-2524.	0.8	7
17	Nonsteroidal Anti-Inflammatory Drugs: Exploiting Bivalent COXIB/ TP Antagonists for the Control of Cardiovascular Risk. Current Medicinal Chemistry, 2017, 24, 3218-3230.	1.2	6
18	Prostaglandin E2 possesses different potencies in inducing Vascular Endothelial Growth Factor and Interleukin-8 production in COPD human lung fibroblasts. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 106, 11-18.	1.0	21

#	Article	IF	Citations
19	In vitro pharmacological evaluation of multitarget thromboxane prostanoid receptor/COX-2 agents: A possible strategy to solve the cardiovascular issues of COXIBs. Atherosclerosis, 2016, 252, e59.	0.4	0
20	Exhaled and non-exhaled non-invasive markers for assessment of respiratory inflammation in patients with stable COPD and healthy smokers. Journal of Breath Research, 2016, 10, 017102.	1.5	48
21	In vitro pharmacological evaluation of multitarget agents for thromboxane prostanoid receptor antagonism and COX-2 inhibition. Pharmacological Research, 2016, 103, 132-143.	3.1	10
22	Monitoring inflammation and airway remodeling by fluorescence molecular tomography in a chronic asthma model. Journal of Translational Medicine, 2015, 13, 336.	1.8	23
23	CHF6001 I: A Novel Highly Potent and Selective Phosphodiesterase 4 Inhibitor with Robust Anti-Inflammatory Activity and Suitable for Topical Pulmonary Administration. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 559-567.	1.3	67
24	CHF6001 II: A Novel Phosphodiesterase 4 Inhibitor, Suitable for Topical Pulmonary Administrationâ€"In Vivo Preclinical Pharmacology Profile Defines a Potent Anti-Inflammatory Compound with a Wide Therapeutic Window. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 568-578.	1.3	40
25	IL-33/ST2 axis controls Th2/IL-31 and Th17 immune response in allergic airway diseases. Immunobiology, 2015, 220, 954-963.	0.8	81
26	Antiinflammatory and antioxidant effects of H2O2 generated by natural sources in Il1Î²-treated human endothelial cells. Prostaglandins and Other Lipid Mediators, 2015, 121, 190-198.	1.0	10
27	Autocrine activity of cysteinyl leukotrienes in human vascular endothelial cells: Signaling through the CysLT2 receptor. Prostaglandins and Other Lipid Mediators, 2015, 120, 115-125.	1.0	19
28	Beta2-adrenergic activity modulates vascular tone regulation in lecithin:cholesterol acyltransferase knockout mice. Vascular Pharmacology, 2015, 74, 114-121.	1.0	16
29	Transcellular biosynthesis of eicosanoid lipid mediators. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 377-382.	1.2	71
30	Azithromycin inhibits nuclear factorâ€ÎºB activation during lung inflammation: an in vivo imaging study. Pharmacology Research and Perspectives, 2014, 2, e00058.	1.1	40
31	Cyclooxygenase-1 and Prostacyclin Production by Endothelial Cells in the Presence of Mild Oxidative Stress. PLoS ONE, 2013, 8, e56683.	1.1	28
32	Microrna 143â€"145 Deficiency Impairs Vascular Function. International Journal of Immunopathology and Pharmacology, 2012, 25, 467-474.	1.0	29
33	Designing Multitarget Antiâ€inflammatory Agents: Chemical Modulation of the Lumiracoxib Structure toward Dual Thromboxane Antagonistsâ€"COXâ€2 Inhibitors. ChemMedChem, 2012, 7, 1647-1660.	1.6	28
34	Bronchodilators modulate inflammation in chronic obstructive pulmonary disease subjects. Pharmacological Research, 2012, 66, 343-348.	3.1	27
35	The pulmonary pharmacology of [4-methoxy-N1-(4-trans-nitrooxycyclohexyl)-N3-(3-pyridinylmethyl)-1,3-benzenedicarboxamide] (2NTX-99), an anti-atherotrombotic compound with therapeutic potential in pathological conditions that target lung vasculature. Prostaglandins and Other Lipid Mediators, 2012, 98, 116-121.	1.0	0
36	Synthesis of cysteinyl leukotrienes in human endothelial cells: subcellular localization and autocrine signaling through the CysLT 2 receptor. FASEB Journal, 2011, 25, 3519-3528.	0.2	27

#	Article	IF	Citations
37	Biomarkers Of Inflammation And Oxidative Stress In Patients With COPD And Healthy Smokers. , 2010, , .		0
38	Estrogen Receptor-Î± as a Drug Target Candidate for Preventing Lung Inflammation. Endocrinology, 2010, 151, 174-184.	1.4	61
39	Chronic obstructive pulmonary disease and neutrophil infiltration: role of cigarette smoke and cyclooxygenase products. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L261-L269.	1.3	79
40	Transcellular biosynthesis of eicosanoids. Pharmacological Reports, 2010, 62, 503-510.	1.5	97
41	Dual COXIB/TP antagonists: a possible new twist in NSAID pharmacology and cardiovascular risk. Trends in Pharmacological Sciences, 2010, 31, 102-107.	4.0	40
42	Estrogen Receptor-Î± as a Drug Target Candidate for Preventing Lung Inflammation. Endocrine Reviews, 2009, 30, 930-930.	8.9	0
43	Transcellular biosynthesis of cysteinyl leukotrienes in vivo during mouse peritoneal inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8296-8301.	3.3	78
44	Critical role of COXâ€1 in prostacyclin production by human endothelial cells under modification of hydroperoxide tone. FASEB Journal, 2009, 23, 605-612.	0.2	26
45	Cysteinyl Leukotriene-1 Receptor Activation in a Human Bronchial Epithelial Cell Line Leads to Signal Transducer and Activator of Transcription 1-Mediated Eosinophil Adhesion. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 1024-1030.	1.3	28
46	Cysteinyl-leukotrienes and their receptors in asthma and other inflammatory diseases: Critical update and emerging trends. Medicinal Research Reviews, 2007, 27, 469-527.	5.0	150
47	A new class of nitric oxide-releasing derivatives of cetirizine; pharmacological profile in vascular and airway smooth muscle preparations. British Journal of Pharmacology, 2007, 151, 35-44.	2.7	13
48	Antagonism of thromboxane receptors by diclofenac and lumiracoxib. British Journal of Pharmacology, 2007, 152, 1185-1195.	2.7	29
49	Pharmacological modulation of the leukotriene pathway in allergic airway disease. Drug Discovery Today, 2007, 12, 404-412.	3.2	76
50	From Field to Health:Â A Simple Way To Increase the Nutraceutical Content of Grape As Shown by NO-Dependent Vascular Relaxation. Journal of Agricultural and Food Chemistry, 2006, 54, 5344-5349.	2.4	37
51	Isoprostanes and Oxidative Stress in Off-Pump and On-Pump Coronary Bypass Surgery. Annals of Thoracic Surgery, 2006, 81, 562-567.	0.7	58
52	eNOS, COX-2, and prostacyclin production are impaired in endothelial cells from diabetics. Biochemical and Biophysical Research Communications, 2006, 339, 188-190.	1.0	33
53	Pharmacological Characterization of 2NTX-99 [4-Methoxy-N1-(4-trans-nitrooxycyclohexyl)-N3-(3-pyridinylmethyl)-1,3-benzenedicarboxamide], a Potential Antiatherothrombotic Agent with Antithromboxane and Nitric Oxide Donor Activity in Platelet and Vascular Preparations. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 830-837.	1.3	9
54	Muscarinic receptors, leukotriene B4 production and neutrophilic inflammation in COPD patients. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 1361-1369.	2.7	133

#	Article	IF	Citations
55	Reduced in vivo oxidative stress following 5-methyltetrahydrofolate supplementation in patients with early-onset thrombosis and 677TT methylenetetrahydrofolate reductase genotype. British Journal of Haematology, 2005, 131, 100-108.	1.2	17
56	Lipid Peroxidation and 5-Lipoxygenase Activity in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 838-843.	2.5	55
57	Cysteinylâ€leukotriene receptor activation in brain inflammatory reactions and cerebral edema formation: a role for transcellular biosynthesis of cysteinyl leukotrienes. FASEB Journal, 2004, 18, 842-844.	0.2	66
58	Role of sodium in intracellular calcium elevation and leukotriene B4 formation by receptor-mediated activation of human neutrophils. Biochemical Pharmacology, 2004, 67, 385-393.	2.0	2
59	Activation of the orphan nuclear receptor RORÎ± counteracts the proliferative effect of fatty acids on prostate cancer cells: Crucial role of 5-lipoxygenase. International Journal of Cancer, 2004, 112, 87-93.	2.3	45
60	Increased prostaglandin E2 concentrations and cyclooxygenase-2 expression in asthmatic subjects with sputum eosinophilia. Journal of Allergy and Clinical Immunology, 2003, 112, 709-716.	1.5	107
61	IL-4-Induced Lipid Mediators Class Switching in Human Normal Mononuclear Phagocytes. Advances in Experimental Medicine and Biology, 2003, 525, 15-18.	0.8	0
62	Leukotriene B4Production in Human Mononuclear Phagocytes Is Modulated by Interleukin-4-Induced 15-Lipoxygenase. Journal of Pharmacology and Experimental Therapeutics, 2002, 300, 868-875.	1.3	29
63	Î²2Integrin-Dependent Neutrophil Adhesion Induced by Minimally Modified Low-Density Lipoproteins Is Mainly Mediated by F2-Isoprostanes. Circulation, 2002, 106, 2434-2441.	1.6	22
64	Neutrophils, Endothelial Cells, and Cysteinyl Leukotrienes: A New Approach to Neutrophil-Dependent Inflammation?. Biochemical and Biophysical Research Communications, 2001, 283, 1003-1006.	1.0	58
65	The Cycloxygenase-2 inhibitor SC58236 is neuroprotective in an in vivo model of focal ischemia in the rat. Neuroscience Letters, 2001, 303, 91-94.	1.0	69
66	The Potential Role of Tocopherol in Asthma and Allergies. BioDrugs, 2001, 15, 81-86.	2.2	17
67	Estrogen Prevents the Lipopolysaccharide-Induced Inflammatory Response in Microglia. Journal of Neuroscience, 2001, 21, 1809-1818.	1.7	415
68	Leukotrienes as targets in cardiovascular disease. Clinical and Experimental Allergy Reviews, 2001, 1, 313-316.	0.3	0
69	Synthesis of 19-[(2-azido-5-iodo)-benzoyloxy]-LTA 4 and enzymatic conversion to the LTC 4 analogue. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 665-668.	1.0	2
70	Tramadol anti-inflammatory activity is not related to a direct inhibitory action on prostaglandin endoperoxide synthases. European Journal of Pain, 2000, 4, 413-415.	1.4	31
71	15(S)-HETE modulates LTB₄production and neutrophil chemotaxis in chronic bronchitis. American Journal of Physiology - Cell Physiology, 2000, 279, C1249-C1258.	2.1	66
72	Olive Phenol Hydroxytyrosol Prevents Passive Smokingâ€“Induced Oxidative Stress. Circulation, 2000, 102, 2169-2171.	1.6	168

#	Article	IF	Citations
73	Leukotrienes in Cardiovascular Diseases. American Journal of Respiratory and Critical Care Medicine, 2000, 161, S112-S116.	2.5	49
74	Effect of Endogenous and Exogenous Prostaglandin E2on Interleukin-1 Î² â€“Induced Cyclooxygenase-2 Expression in Human Airway Smooth-Muscle Cells. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 2272-2277.	2.5	47
75	Monoclonal Anti-CD18 Antibody Prevents Transcellular Biosynthesis of Cysteinyl Leukotrienes In Vitro and In Vivo and Protects Against Leukotriene-Dependent Increase in Coronary Vascular Resistance and Myocardial Stiffness. Circulation, 2000, 101, 1436-1440.	1.6	30
76	Olive Oils Rich in Natural Catecholic Phenols Decrease Isoprostane Excretion in Humans. Biochemical and Biophysical Research Communications, 2000, 278, 797-799.	1.0	152
77	15-Lipoxygenase expression and 15(S)-hydroxyeicoisatetraenoic acid release and reincorporation in induced sputum of asthmatic subjects. Journal of Allergy and Clinical Immunology, 2000, 105, 711-716.	1.5	48
78	Interleukin-4 Enhances 15-Lipoxygenase Activity and Incorporation of 15(S)-HETE into Cellular Phospholipids in Cultured Pulmonary Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 61-68.	1.4	40
79	Differential Metabolism of Exogenous and Endogenous Arachidonic Acid in Human Neutrophils. Journal of Biological Chemistry, 1999, 274, 28264-28269.	1.6	49
80	Cyclooxygenase-2-dependent generation of 8-epiprostaglandin F2Î± by lipopolysaccharide-activated J774 macrophages. Inflammation Research, 1999, 48, 503-508.	1.6	18
81	IL-4 and IgEâ€“anti-IgE modulation of 15(S)-hydroxyeicosatetraenoic acid release by mononuclear phagocytes. Journal of Allergy and Clinical Immunology, 1999, 103, 159-164.	1.5	6
82	Transcellular biosynthesis of leukotrienes: A unique mode of cell communication. , 1999, , 113-124.		1
83	Therapeutic intervention with LT synthase inhibitors and receptor antagonists in cardiovascular inflammation events. Drug News and Perspectives, 1999, 12, 91.	1.9	0
84	Inhibition of prostanoid synthesis protects against neuronal damage induced by focal ischemia in rat brain. Neuroscience Letters, 1998, 257, 123-126.	1.0	30
85	Neutrophil-Endothelial Cells Cooperation in the Handling of Leukotrienes: Role in Coronary Inflammation. Medical Science Symposia Series, 1998, , 239-245.	0.0	0
86	Cyclooxygenase-2 and synthesis of PGE2 in human bronchial smooth-muscle cells.. American Journal of Respiratory and Critical Care Medicine, 1997, 155, 864-868.	2.5	47
87	14,15-Dehydroleukotriene A4: a specific substrate for leukotriene C4 synthase. Biochemical Journal, 1997, 328, 225-229.	1.7	8
88	Pharmacological modulation of human platelet leukotriene C4-synthase. Biochemical Pharmacology, 1997, 53, 905-908.	2.0	10
89	Comparative analysis of isolated human bronchi contraction and biosynthesis of cysteinyl leukotrienes using a direct 5-lipoxygenase inhibitor. Biochemical Pharmacology, 1997, 54, 437-442.	2.0	7
90	INHIBITION OF LEUKOCYTE LEUKOTRIENE B4 PRODUCTION BY AN OLIVE OIL-DERIVED PHENOL IDENTIFIED BY MASS-SPECTROMETRY. Thrombosis Research, 1997, 87, 315-322.	0.8	58

#	Article	IF	Citations
91	Nitric oxide modulation of transcellular biosynthesis of cys-leukotrienes in rabbit leukocyte-perfused heart. British Journal of Pharmacology, 1997, 120, 1128-1134.	2.7	16
92	Synthesis and biological evaluation of 14,15-dehydro-LTA4 analog. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 105-108.	1.0	7
93	Transcellular Synthesis of CYS-LT: From Isolated Cells to Complex Organ System. Advances in Experimental Medicine and Biology, 1997, 433, 95-98.	0.8	3
94	Nasal neutrophilia and release of myeloperoxidase induced by nasal challenge with platelet activating factor: Different degrees of responsiveness in atopic and nonatopic subjects*. Journal of Allergy and Clinical Immunology, 1996, 97, 947-954.	1.5	11
95	Leukotriene A4, and not leukotriene B4, is the main 5-lipoxygenase metabolite released by bovine leukocytes. FEBS Letters, 1996, 388, 94-98.	1.3	19
96	Consequences Of Transcellular Biosynthesis Of Leukotriene C4 On Organ Function. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 1996, 26, 28-36.	0.5	3
97	Release of Leukotriene A4 Leukotriene B4 from Human Polymorphonuclear Leukocytes. Journal of Biological Chemistry, 1996, 271, 17944-17948.	1.6	89
98	Inhaled PGE2 prevents aspirin-induced bronchoconstriction and urinary LTE4 excretion in aspirin-sensitive asthma.. American Journal of Respiratory and Critical Care Medicine, 1996, 153, 572-575.	2.5	252
99	Vasoconstriction to Polymorphonuclear Leukocytes in the Isolated, Perfused Rabbit Heart: Inhibition by Prostacyclin Mimetics. Journal of Cardiovascular Pharmacology, 1996, 27, 680-685.	0.8	19
100	Polymorphonuclear-Endothelial Cell Interactions and the Control of Coronary Vasculature. , 1996, , 89-97.		0
101	Differential effects of fluticasone propionate on allergen-evoked bronchoconstriction and increased urinary leukotriene E4 excretion.. American Journal of Respiratory and Critical Care Medicine, 1994, 150, 287-287.	2.5	0
102	Effects of loratadine on cytosolic Ca2+ levels and leukotriene release: novel mechanisms of action independent of the anti-histamine activity. European Journal of Pharmacology, 1994, 266, 219-227.	2.7	35
103	Effects of nedocromil sodium on bronchospasm and HS-NCA release induced by allergen inhalation in asthmatic patients. Clinical and Experimental Allergy, 1994, 24, 281-287.	1.4	3
104	An improved assay for urinary LTE4. Prostaglandins, 1994, 47, 281-292.	1.2	12
105	Transcellular metabolism of leukotrienes and regulation of cardiac function. Pharmacological Research, 1994, 30, 353.	3.1	0
106	Formation of sulphidopeptideâ€leukotrienes by cellâ€cell interaction causes coronary vasoconstriction in isolated, cellâ€perfused heart of rabbit. British Journal of Pharmacology, 1993, 110, 1206-1212.	2.7	56
107	Synthesis of leukotrienes and its pharmacological control in the rabbit heart. Pharmacological Research, 1992, 25, 103-104.	3.1	0
108	Actual Role of Prostaglandins in Inflammation. Drug Investigation, 1991, 3, 4-9.	0.6	4

#	Article	IF	Citations
109	Direct airway injury results in elevated levels of sulfidopeptide leukotrienes, detectable in airway secretions. Prostaglandins, 1991, 42, 1-7.	1.2	17
110	Appearance of Urinary Metabolites of LTE4in Human Subjects. Annals of the New York Academy of Sciences, 1991, 629, 105-111.	1.8	7
111	Negative ion tandem mass spectrometry of leukotriene E4, and LTE4, metabolites: Identification of LTE4, in human urine. Journal of the American Society for Mass Spectrometry, 1991, 2, 314-321.	1.2	18
112	[11] Quantitation of sulfidopeptide leukotrienes in biological fluids by gas chromatography-mass spectrometry. Methods in Enzymology, 1990, 187, 90-98.	0.4	12
113	Sulfidopeptide leukotriene and acute respiratory distress syndrome. Pharmacological Research, 1990, 22, 443.	3.1	0
114	Mediator release after endobronchial antigen challenge in patients with respiratory allergy. Journal of Allergy and Clinical Immunology, 1990, 85, 906-913.	1.5	73
115	Prostaglandins and gastric mucosal protection by esaprazole in rats. European Journal of Pharmacology, 1990, 187, 19-25.	1.7	1
116	Evidence of PAF-acether Metabolic Pathway Activation in Antigen Challenge of Upper Respiratory Airways. The American Review of Respiratory Disease, 1989, 140, 142-147.	2.9	56
117	Inhibition by lipoxygenase products of TXA2-like responses of platelets and vascular smooth muscle. Biochemical Pharmacology, 1988, 37, 1275-1280.	2.0	62
118	Behavior and Clinical Relevance of Histamine and Leukotrienes C₄and B₄in Grass Pollen-Induced Rhinitis. The American Review of Respiratory Disease, 1987, 136, 357-362.	2.9	120
119	PGD2induces pulmonary hyperresponsiveness to acetylcholine in vivo in the guinea-pig. Autonomic and Autacoid Pharmacology, 1987, 7, 281-285.	0.7	6
120	Perspectives of Analytical Methods for Eicosanoids. , 0, , 95-102.		0