

Vassilis Aidinis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2170383/publications.pdf>

Version: 2024-02-01

103
papers

8,362
citations

81900

39
h-index

48315

88
g-index

136
all docs

136
docs citations

136
times ranked

12928
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity Reshapes the Microbial Population Structure along the Gut-Liver-Lung Axis in Mice. <i>Biomedicines</i> , 2022, 10, 494.	3.2	3
2	ENPP2 Promoter Methylation Correlates with Decreased Gene Expression in Breast Cancer: Implementation as a Liquid Biopsy Biomarker. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3717.	4.1	9
3	Endothelial ENPP2 (Ectonucleotide Pyrophosphatase/Phosphodiesterase 2) Increases Atherosclerosis in Female and Male Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 1023-1036.	2.4	12
4	Autotaxin Has a Negative Role in Systemic Inflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7920.	4.1	5
5	Lysophosphatidic Acid Is a Proinflammatory Stimulus of Renal Tubular Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7452.	4.1	2
6	Systems biology reveals key tissue-specific metabolic and transcriptional signatures involved in the response of <i>Medicago truncatula</i> plant genotypes to salt stress. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2133-2147.	4.1	15
7	Advances in De Novo Drug Design: From Conventional to Machine Learning Methods. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1676.	4.1	131
8	A role for bronchial epithelial autotaxin in ventilator-induced lung injury. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 12.	1.9	4
9	Atx regulates skeletal muscle regeneration via LPAR1 and promotes hypertrophy. <i>Cell Reports</i> , 2021, 34, 108809.	6.4	12
10	Precision medicine in idiopathic pulmonary fibrosis therapy: From translational research to patient-centered care. <i>Current Opinion in Pharmacology</i> , 2021, 57, 71-80.	3.5	7
11	Airway epithelial cell necroptosis contributes to asthma exacerbation in a mouse model of house dust mite-induced allergic inflammation. <i>Mucosal Immunology</i> , 2021, 14, 1160-1171.	6.0	25
12	Alteration of L-Dopa decarboxylase expression in SARS-CoV-2 infection and its association with the interferon-inducible ACE2 isoform. <i>PLoS ONE</i> , 2021, 16, e0253458.	2.5	30
13	Increased Autotaxin Levels in Severe COVID-19, Correlating with IL-6 Levels, Endothelial Dysfunction Biomarkers, and Impaired Functions of Dendritic Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10006.	4.1	15
14	Commonalities Between ARDS, Pulmonary Fibrosis and COVID-19: The Potential of Autotaxin as a Therapeutic Target. <i>Frontiers in Immunology</i> , 2021, 12, 687397.	4.8	22
15	MAP3K8 Regulates Cox-2-Mediated Prostaglandin E2 Production in the Lung and Suppresses Pulmonary Inflammation and Fibrosis. <i>Journal of Immunology</i> , 2021, 206, 607-620.	0.8	17
16	Fibromine is a multi-omics database and mining tool for target discovery in pulmonary fibrosis. <i>Scientific Reports</i> , 2021, 11, 21712.	3.3	11
17	ENPP2 Methylation in Health and Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11958.	4.1	9
18	Collagen 1a1 Expression by Airway Macrophages Increases In Fibrotic ILDs and Is Associated With FVC Decline and Increased Mortality. <i>Frontiers in Immunology</i> , 2021, 12, 645548.	4.8	17

#	ARTICLE	IF	CITATIONS
19	Synthesis of novel 2-pyrrolidinone and pyrrolidine derivatives and study of their inhibitory activity against autotaxin enzyme. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115216.	3.0	12
20	Structure-Based Discovery of Novel Chemical Classes of Autotaxin Inhibitors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7002.	4.1	8
21	Genetic deletion of Autotaxin from CD11b+ cells decreases the severity of experimental autoimmune encephalomyelitis. <i>PLoS ONE</i> , 2020, 15, e0226050.	2.5	14
22	Paracrine orchestration of intestinal tumorigenesis by a mesenchymal niche. <i>Nature</i> , 2020, 580, 524-529.	27.8	183
23	Deregulated Lysophosphatidic Acid Metabolism and Signaling in Liver Cancer. <i>Cancers</i> , 2019, 11, 1626.	3.7	41
24	Role of dual-specificity protein phosphatase DUSP10/MKP-5 in pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L678-L689.	2.9	15
25	Autotaxin and chronic inflammatory diseases. <i>Journal of Autoimmunity</i> , 2019, 104, 102327.	6.5	68
26	Vitamin D prevents experimental lung fibrosis and predicts survival in patients with idiopathic pulmonary fibrosis. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 55, 17-24.	2.6	62
27	Orotracheal treprostinil administration attenuates bleomycin-induced lung injury, vascular remodeling, and fibrosis in mice. <i>Pulmonary Circulation</i> , 2019, 9, 1-14.	1.7	23
28	Development and therapeutic potential of autotaxin small molecule inhibitors: From bench to advanced clinical trials. <i>Medicinal Research Reviews</i> , 2019, 39, 976-1013.	10.5	37
29	Club cells form lung adenocarcinomas and maintain the alveoli of adult mice. <i>ELife</i> , 2019, 8, .	6.0	46
30	Hydroxamic Acids Constitute a Novel Class of Autotaxin Inhibitors that Exhibit <i>in Vivo</i> Efficacy in a Pulmonary Fibrosis Model. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3697-3711.	6.4	27
31	Bleomycin Revisited: A Direct Comparison of the Intratracheal Micro-Spraying and the Oropharyngeal Aspiration Routes of Bleomycin Administration in Mice. <i>Frontiers in Medicine</i> , 2018, 5, 269.	2.6	35
32	Pharmacologic targeting of the ATX/LPA axis attenuates bleomycin-induced pulmonary fibrosis. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018, 52, 32-40.	2.6	40
33	Autotaxin-LPA signaling contributes to obesity-induced insulin resistance in muscle and impairs mitochondrial metabolism. <i>Journal of Lipid Research</i> , 2018, 59, 1805-1817.	4.2	41
34	Mesenchymal Stem Cells for the Treatment of Idiopathic Pulmonary Fibrosis. <i>Frontiers in Medicine</i> , 2018, 5, 142.	2.6	60
35	Autotaxin in Pathophysiology and Pulmonary Fibrosis. <i>Frontiers in Medicine</i> , 2018, 5, 180.	2.6	92
36	The Autotaxin-Lysophosphatidic Acid Axis Promotes Lung Carcinogenesis. <i>Cancer Research</i> , 2018, 78, 3634-3644.	0.9	47

#	ARTICLE	IF	CITATIONS
37	MKP-5 inhibition blunts fibrotic responses in-vitro and in-vivo through negative regulation of TGFβ1-induced smad3-signalling. , 2018, , .		1
38	Extracellular matrix remodeling in idiopathic pulmonary fibrosis. It is the "bed" that counts and not "the sleepers". Expert Review of Respiratory Medicine, 2017, 11, 299-309.	2.5	42
39	Epithelial Myeloid-Differentiation Factor 88 Is Dispensable during Klebsiella Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 648-656.	2.9	8
40	Biomarkers in Idiopathic Pulmonary Fibrosis: A RAGE-ing Bull in the Arena. Annals of the American Thoracic Society, 2017, 14, 613-614.	3.2	1
41	Lung cancer in patients with idiopathic pulmonary fibrosis. Pulmonary Pharmacology and Therapeutics, 2017, 45, 1-10.	2.6	129
42	Diagnostic and prognostic challenges in Idiopathic Pulmonary Fibrosis: A patient's "Q" and "A" approach. Pulmonary Pharmacology and Therapeutics, 2017, 42, 21-24.	2.6	18
43	Hepatocyte autotaxin expression promotes liver fibrosis and cancer. Hepatology, 2017, 65, 1369-1383.	7.3	134
44	SH2 Domain-Containing Phosphatase-2 Is a Novel Antifibrotic Regulator in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 500-514.	5.6	49
45	Exploring Animal Models That Resemble Idiopathic Pulmonary Fibrosis. Frontiers in Medicine, 2017, 4, 118.	2.6	213
46	The effects of tpl2 inhibition in Ventilator-induced lung injury. , 2017, , .		1
47	Kresoxim-methyl primes <i>Medicago truncatula</i> plants against abiotic stress factors via altered reactive oxygen and nitrogen species signalling leading to downstream transcriptional and metabolic readjustment. Journal of Experimental Botany, 2016, 67, 1259-1274.	4.8	33
48	Computer Aided Drug Design Approaches for Identification of Novel Autotaxin (ATX) Inhibitors. Current Medicinal Chemistry, 2016, 23, 1708-1724.	2.4	3
49	Non-cell autonomous and non-catalytic activities of ATX in the developing brain. Frontiers in Neuroscience, 2015, 9, 53.	2.8	21
50	Mast cells mediate malignant pleural effusion formation. Journal of Clinical Investigation, 2015, 125, 2317-2334.	8.2	89
51	Autotaxin, a secreted lysophospholipase D, as a promising therapeutic target in chronic inflammation and cancer. Progress in Lipid Research, 2015, 58, 76-96.	11.6	104
52	An airway epithelial origin for tobacco carcinogen-induced lung adenocarcinoma. , 2015, , .		1
53	Autotaxin and Endotoxin-Induced Acute Lung Injury. PLoS ONE, 2015, 10, e0133619.	2.5	37
54	The Bulk of Autotaxin Activity Is Dispensable for Adult Mouse Life. PLoS ONE, 2015, 10, e0143083.	2.5	55

#	ARTICLE	IF	CITATIONS
55	Prospective phase 1 open clinical trial to study the safety of adipose derived mesenchymal stem cells (ADMSCs) in COPD and combined pulmonary fibrosis and emphysema (CPFE). , 2015, , .		1
56	Intestinal myofibroblast-specific Tpl2-Cox-2-PGE ₂ pathway links innate sensing to epithelial homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4658-67.	7.1	83
57	Autotaxin Production of Lysophosphatidic Acid Mediates Allergic Asthmatic Inflammation. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 928-940.	5.6	106
58	Induced expression and functional effects of aquaporin-1 in human leukocytes in sepsis. Critical Care, 2013, 17, R199.	5.8	35
59	Lysoglycerophospholipids in chronic inflammatory disorders: The PLA2/LPC and ATX/LPA axes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 42-60.	2.4	202
60	A Metabolically-Stabilized Phosphonate Analog of Lysophosphatidic Acid Attenuates Collagen-Induced Arthritis. PLoS ONE, 2013, 8, e70941.	2.5	32
61	Autotaxin and lysophosphatidic acid signalling in lung pathophysiology. World Journal of Respiriology, 2013, 3, 77.	0.5	16
62	Autotaxin expression from synovial fibroblasts is essential for the pathogenesis of modeled arthritis. Journal of Experimental Medicine, 2012, 209, 925-933.	8.5	143
63	Pulmonary Autotaxin Expression Contributes to the Pathogenesis of Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 566-574.	2.9	209
64	CreZOO--the European virtual repository of Cre and other targeted conditional driver strains. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas029-bas029.	3.0	13
65	Detection Of Aquaporin-1 In Neutrophils And Its Role In The Innate Immune Response Of Sepsis. , 2012, , .		0
66	Modeling pulmonary fibrosis with bleomycin. Current Opinion in Pulmonary Medicine, 2011, 17, 355-361.	2.6	259
67	Decreased Lung Tumorigenesis In Mice With Conditionally Inactivated Enpp2 Gene In CC10+ (Clara) Cells. , 2010, , .		2
68	IL17 Concentration In Serum And Breath Condensates Of Asthmatic Children In Greece. , 2010, , .		0
69	Mouse Resource Browser--a database of mouse databases. Database: the Journal of Biological Databases and Curation, 2010, 2010, baq010-baq010.	3.0	3
70	Finding and sharing: new approaches to registries of databases and services for the biomedical sciences. Database: the Journal of Biological Databases and Curation, 2010, 2010, baq014-baq014.	3.0	12
71	Toll-like Receptor 7-triggered Immune Response in the Lung Mediates Acute and Long-Lasting Suppression of Experimental Asthma. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 1207-1216.	5.6	98
72	ATX expression and LPA signalling are vital for the development of the nervous system. Developmental Biology, 2010, 339, 451-464.	2.0	133

#	ARTICLE	IF	CITATIONS
73	Sustaining the Data and Bioresource Commons. <i>Science</i> , 2010, 330, 592-593.	12.6	52
74	The pattern of inflammatory/anti-inflammatory cytokines and chemokines in type 1 diabetic patients over time. <i>Annals of Medicine</i> , 2010, 42, 426-438.	3.8	80
75	The RNA-Binding Protein Elavl1/HuR Is Essential for Placental Branching Morphogenesis and Embryonic Development. <i>Molecular and Cellular Biology</i> , 2009, 29, 2762-2776.	2.3	182
76	Global Impairment of CD4 ⁺ CD25 ⁺ FOXP3 ⁺ Regulatory T Cells in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 1121-1130.	5.6	196
77	Models for financial sustainability of biological databases and resources. <i>Database: the Journal of Biological Databases and Curation</i> , 2009, 2009, bap017-bap017.	3.0	27
78	A Critical Role for Gelsolin in Ventilator-Induced Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 41, 426-432.	2.9	27
79	Down-regulation of the inhibitor of growth family member 4 (ING4) in different forms of pulmonary fibrosis. <i>Respiratory Research</i> , 2009, 10, 14.	3.6	15
80	Gelsolin expression is necessary for the development of modelled pulmonary inflammation and fibrosis. <i>Thorax</i> , 2009, 64, 467-475.	5.6	46
81	Anti-5S RNA/protein (RNP) antibody levels correlate with disease activity in a patient with systemic lupus erythematosus (SLE) nephritis. <i>Clinical and Experimental Immunology</i> , 2008, 95, 385-389.	2.6	15
82	Radial Basis Function Neural Networks Classification for the Recognition of Idiopathic Pulmonary Fibrosis in Microscopic Images. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2008, 12, 42-54.	3.2	56
83	The Mouse Resource Browser (MRB) - A near-complete registry of mouse resources. , 2008, , .		1
84	Digital preservation - financial sustainability of biological data and material resources. , 2008, , .		1
85	CASIMIR: Coordination and Sustainability of International Mouse Informatics Resources. , 2008, , .		7
86	Towards dynamic database infrastructures for mouse genetics. , 2008, , .		1
87	MUGEN mouse database; Animal models of human immunological diseases. <i>Nucleic Acids Research</i> , 2007, 36, D1048-D1054.	14.5	13
88	Comparative Expression Profiling in Pulmonary Fibrosis Suggests a Role of Hypoxia-inducible Factor-1 α in Disease Pathogenesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 1108-1119.	5.6	178
89	Actin cytoskeleton dynamics linked to synovial fibroblast activation as a novel pathogenic principle in TNF-driven arthritis. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, iii23-iii28.	0.9	39
90	Integration of mouse phenome data resources. <i>Mammalian Genome</i> , 2007, 18, 157-163.	2.2	44

#	ARTICLE	IF	CITATIONS
91	Operational criteria for selecting a cDNA microarray data normalization algorithm. <i>Oncology Reports</i> , 2006, 15, 983-996.	2.6	9
92	Soluble TNF Mediates the Transition from Pulmonary Inflammation to Fibrosis. <i>PLoS ONE</i> , 2006, 1, e108.	2.5	116
93	Cytoskeletal Rearrangements in Synovial Fibroblasts as a Novel Pathophysiological Determinant of Modeled Rheumatoid Arthritis. <i>PLoS Genetics</i> , 2005, 1, e48.	3.5	49
94	The Transcriptional Landscape of the Mammalian Genome. <i>Science</i> , 2005, 309, 1559-1563.	12.6	3,227
95	Effect of phospholipase A2 inhibitory peptide on inflammatory arthritis in a TNF transgenic mouse model: a time-course ultrastructural study. <i>Arthritis Research</i> , 2004, 6, R282.	2.0	35
96	Functional analysis of an arthritogenic synovial fibroblast. <i>Arthritis Research</i> , 2003, 5, R140.	2.0	41
97	Targeting a Complex Transcriptome: The Construction of the Mouse Full-Length cDNA Encyclopedia. <i>Genome Research</i> , 2003, 13, 1273-1289.	5.5	154
98	Definition of Minimal Domains of Interaction Within the Recombination-Activating Genes 1 and 2 Recombinase Complex. <i>Journal of Immunology</i> , 2000, 164, 5826-5832.	0.8	43
99	The RAG1 Homeodomain Recruits HMG1 and HMG2 To Facilitate Recombination Signal Sequence Binding and To Enhance the Intrinsic DNA-Bending Activity of RAG1-RAG2. <i>Molecular and Cellular Biology</i> , 1999, 19, 6532-6542.	2.3	112
100	The Effect of Me2+ Cofactors at the Initial Stages of V(D)J Recombination. <i>Journal of Biological Chemistry</i> , 1998, 273, 16325-16331.	3.4	38
101	Two immunologically related polypeptides of 72/74 kDa specify a novel 70â€“11 OS heterogeneous nuclear RNP. <i>Nucleic Acids Research</i> , 1995, 23, 2742-2753.	14.5	11
102	Detection of human-specific anti-La(SSB) antibodies in patients with rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 1995, 8, 959-969.	6.5	10
103	DETECTION OF ANTI-Ro(SSA) ANTIBODIES IN AUTOIMMUNE DISEASES: COMPARISON OF FIVE METHODS. <i>Rheumatology</i> , 1993, 32, 449-455.	1.9	44