

Rudolf Lucas

List of Publications by Year in descending order

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145
papers

5,408
citations

66234

42
h-index

98622

67
g-index

149
all docs

149
docs citations

149
times ranked

6131
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogenesis of Cerebral Malaria: Recent Experimental Data and Possible Applications for Humans. <i>Clinical Microbiology Reviews</i> , 2001, 14, 810-820.	5.7	217
2	Regulators of endothelial and epithelial barrier integrity and function in acute lung injury. <i>Biochemical Pharmacology</i> , 2009, 77, 1763-1772.	2.0	214
3	Mapping the lectin-like activity of tumor necrosis factor. <i>Science</i> , 1994, 263, 814-817.	6.0	212
4	Circulating endothelial cells and angiogenic serum factors during neoadjuvant chemotherapy of primary breast cancer. <i>British Journal of Cancer</i> , 2006, 94, 524-531.	2.9	205
5	Alpha7 nicotinic receptors as novel therapeutic targets for inflammation-based diseases. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 931-949.	2.4	170
6	Crucial role of tumor necrosis factor (TNF) receptor 2 and membrane-bound TNF in experimental cerebral malaria. <i>European Journal of Immunology</i> , 1997, 27, 1719-1725.	1.6	166
7	Specific Uptake of Tumor Necrosis Factor- α Is Involved in Growth Control of <i>Trypanosoma brucei</i> . <i>Journal of Cell Biology</i> , 1997, 137, 715-727.	2.3	140
8	Transgenic mice expressing high levels of soluble TNF-R1 fusion protein are protected from lethal septic shock and cerebral malaria, and are highly sensitive to <i>Listeria monocytogenes</i> and <i>Leishmania</i> major infections. <i>European Journal of Immunology</i> , 1995, 25, 2401-2407.	1.6	133
9	Role of ICAM-1 (CD54) in the development of murine cerebral malaria. <i>Microbes and Infection</i> , 1999, 1, 961-968.	1.0	121
10	PFKFB3-mediated endothelial glycolysis promotes pulmonary hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13394-13403.	3.3	113
11	α 3 integrin regulates macrophage inflammatory responses via PI3 kinase/Akt-dependent NF- κ B activation. <i>Journal of Cellular Physiology</i> , 2011, 226, 469-476.	2.0	106
12	Dichotomous Role of TNF in Experimental Pulmonary Edema Reabsorption. <i>Journal of Immunology</i> , 2005, 175, 3402-3408.	0.4	104
13	Tumor Necrosis Factor- α and Angiostatin Are Mediators of Endothelial Cytotoxicity in Bronchoalveolar Lavages of Patients with Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 651-656.	2.5	98
14	An α 7 Nicotinic Acetylcholine Receptor-Selective Agonist Reduces Weight Gain and Metabolic Changes in a Mouse Model of Diabetes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 173-180.	1.3	97
15	Mechanisms of TNF- α stimulation of amiloride-sensitive sodium transport across alveolar epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L1258-L1265.	1.3	94
16	Identification of a cytolytic protein in the coelomic fluid of <i>Eisenia foetida</i> earthworms. <i>Immunology Letters</i> , 1995, 45, 123-128.	1.1	82
17	Obesity-induced vascular dysfunction and arterial stiffening requires endothelial cell arginase 1. <i>Cardiovascular Research</i> , 2017, 113, 1664-1676.	1.8	82
18	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, e1-e14.	1.4	82

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19	Regulation of NADPH Oxidase 5 by Protein Kinase C Isoforms. PLoS ONE, 2014, 9, e88405.	1.1	75
20	The lectin-like domain of tumor necrosis factor- α increases membrane conductance in microvascular endothelial cells and peritoneal macrophages. European Journal of Immunology, 1999, 29, 3105-3111.	1.6	74
21	Murine tumour necrosis factor plays a protective role during the initial phase of the experimental infection with <i>Trypanosoma brucei brucei</i> . Parasite Immunology, 1993, 15, 635-641.	0.7	72
22	TNF receptors in the microvascular pathology of acute respiratory distress syndrome and cerebral malaria. Journal of Leukocyte Biology, 1997, 61, 551-558.	1.5	72
23	Convergent evolution of cytokines. Nature, 1999, 400, 627-628.	13.7	71
24	Functional Identification of the Alveolar Edema Reabsorption Activity of Murine Tumor Necrosis Factor- α . American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1043-1050.	2.5	68
25	The lectin-like domain of tumor necrosis factor improves lung function after rat lung transplantation—Potential role for a reduction in reactive oxygen species generation*. Critical Care Medicine, 2010, 38, 871-878.	0.4	64
26	CXCL9 induces chemotaxis, chemorepulsion and endothelial barrier disruption through CXCR3-mediated activation of melanoma cells. British Journal of Cancer, 2011, 104, 469-479.	2.9	63
27	Respective role of TNF receptors in the development of experimental cerebral malaria. Journal of Neuroimmunology, 1997, 72, 143-148.	1.1	62
28	The cachexia associated with <i>Trypanosoma cruzi</i> acute infection in mice is attenuated by anti-TNF α , but not by anti-IL-6 or anti-IFN γ antibodies. Parasite Immunology, 1995, 17, 561-568.	0.7	60
29	Protein Kinase C- α and Arginase I Mediate Pneumolysin-Induced Pulmonary Endothelial Hyperpermeability. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 445-453.	1.4	60
30	The dual role of TNF in pulmonary edema. Journal of Cardiovascular Disease Research (discontinued), 2010, 1, 29-36.	0.1	58
31	Both TNF receptors are required for direct TNF-mediated cytotoxicity in microvascular endothelial cells. European Journal of Immunology, 1998, 28, 3577-3586.	1.6	56
32	Toxicity of nutritionally available selenium compounds in primary and transformed hepatocytes. Toxicology, 2004, 201, 21-30.	2.0	55
33	Agonist of growth hormone-releasing hormone reduces pneumolysin-induced pulmonary permeability edema. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2084-2089.	3.3	50
34	Lipopolysaccharide-induced Lung Injury Involves the Nitration-mediated Activation of RhoA. Journal of Biological Chemistry, 2014, 289, 4710-4722.	1.6	50
35	Protective effect of adenosine receptors against lipopolysaccharide-induced acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L497-L507.	1.3	50
36	Cytokine profiling of young overweight and obese female African American adults with prediabetes. Cytokine, 2013, 64, 310-315.	1.4	49

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37	A Novel Tumor Necrosis Factor-mediated Mechanism of Direct Epithelial Sodium Channel Activation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 522-532.	2.5	49
38	Role of Adipose Tissue Endothelial ADAM17 in Age-Related Coronary Microvascular Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1180-1193.	1.1	49
39	PKC-Dependent Phosphorylation of eNOS at T495 Regulates eNOS Coupling and Endothelial Barrier Function in Response to G _s -Toxins. <i>PLoS ONE</i> , 2014, 9, e99823.	1.1	46
40	The Endogenous Balance of Soluble Tumor Necrosis Factor Receptors and Tumor Necrosis Factor Modulates Cachexia and Mortality in Mice Acutely Infected with <i>Trypanosoma cruzi</i> . <i>Infection and Immunity</i> , 1999, 67, 5579-5586.	1.0	45
41	Application of Alpha7 Nicotinic Acetylcholine Receptor Agonists in Inflammatory Diseases: An Overview. <i>Pharmaceutical Research</i> , 2011, 28, 413-416.	1.7	44
42	Novel mechanisms of endothelial dysfunction in diabetes. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , 2010, 1, 59-63.	0.1	43
43	Inhaled AP301 for treatment of pulmonary edema in mechanically ventilated patients with acute respiratory distress syndrome: a phase IIa randomized placebo-controlled trial. <i>Critical Care</i> , 2017, 21, 194.	2.5	41
44	A role for lymphotoxin β 2 receptor in host defense against <i>Mycobacterium bovis</i> BCG infection. <i>European Journal of Immunology</i> , 1999, 29, 4002-4010.	1.6	40
45	Harvesting, identification and barrier function of human lung microvascular endothelial cells. <i>Vascular Pharmacology</i> , 2010, 52, 175-181.	1.0	38
46	Extracellular β -nicotinamide adenine dinucleotide (β -NAD) promotes the endothelial cell barrier integrity via PKA- and EPAC1/Rac1-dependent actin cytoskeleton rearrangement. <i>Journal of Cellular Physiology</i> , 2010, 223, 215-223.	2.0	37
47	Dimethylarginine Dimethylaminohydrolase II Overexpression Attenuates LPS-Mediated Lung Leak in Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 614-625.	1.4	37
48	Endothelial Nitric Oxide Synthase Deficient Mice Are Protected from Lipopolysaccharide Induced Acute Lung Injury. <i>PLoS ONE</i> , 2015, 10, e0119918.	1.1	37
49	Epithelial Sodium Channel β 2 Mediates the Protective Effect of the TNF-Derived TIP Peptide in Pneumolysin-Induced Endothelial Barrier Dysfunction. <i>Frontiers in Immunology</i> , 2017, 8, 842.	2.2	35
50	TNF: a moonlighting protein at the interface between cancer and infection. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 5374.	3.0	34
51	L-Citrulline Protects from Kidney Damage in Type 1 Diabetic Mice. <i>Frontiers in Immunology</i> , 2013, 4, 480.	2.2	34
52	Obesity-induced vascular inflammation involves elevated arginase activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 313, R560-R571.	0.9	34
53	Cytokine-Ion Channel Interactions in Pulmonary Inflammation. <i>Frontiers in Immunology</i> , 2017, 8, 1644.	2.2	33
54	Hsp70 Suppresses Mitochondrial Reactive Oxygen Species and Preserves Pulmonary Microvascular Barrier Integrity Following Exposure to Bacterial Toxins. <i>Frontiers in Immunology</i> , 2018, 9, 1309.	2.2	33

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55	Increased Angiostatin Levels in Bronchoalveolar Lavage Fluids from ARDS Patients and from Human Volunteers after Lung Instillation of Endotoxin. <i>Thrombosis and Haemostasis</i> , 2002, 87, 966-971.	1.8	31
56	Kupffer Cell-Expressed Membrane-Bound TNF Mediates Melphalan Hepatotoxicity via Activation of Both TNF Receptors. <i>Journal of Immunology</i> , 2005, 175, 4076-4083.	0.4	31
57	Pneumococcal Hydrogen Peroxide-Induced Stress Signaling Regulates Inflammatory Genes. <i>Journal of Infectious Diseases</i> , 2015, 211, 306-316.	1.9	31
58	<i>Trypanosoma cruzi</i> is lysed by coelomic cytolytic factor-1, an invertebrate analogue of tumor necrosis factor, and induces phenoloxidase activity in the coelomic fluid of <i>Eisenia foetida foetida</i> . <i>Developmental and Comparative Immunology</i> , 2002, 26, 27-34.	1.0	29
59	Adenosine A1 Receptors Promote Vasa Vasorum Endothelial Cell Barrier Integrity via Gi and Akt-Dependent Actin Cytoskeleton Remodeling. <i>PLoS ONE</i> , 2013, 8, e59733.	1.1	28
60	Essential Structural Features of TNF- β Lectin-like Domain Derived Peptides for Activation of Amiloride-Sensitive Sodium Current in A549 Cells. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8021-8029.	2.9	27
61	Arginase 1: An Unexpected Mediator of Pulmonary Capillary Barrier Dysfunction in Models of Acute Lung Injury. <i>Frontiers in Immunology</i> , 2013, 4, 228.	2.2	27
62	P2Y receptors as regulators of lung endothelial barrier integrity. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , 2011, 2, 14-22.	0.1	26
63	Mini-Review: Novel Therapeutic Strategies to Blunt Actions of Pneumolysin in the Lungs. <i>Toxins</i> , 2013, 5, 1244-1260.	1.5	26
64	GM-CSF Restores Innate, But Not Adaptive, Immune Responses in Glucocorticoid-Immunosuppressed Human Blood In Vitro. <i>Journal of Immunology</i> , 2003, 171, 938-947.	0.4	25
65	The lectin-like domain of TNF protects from listeriolysin-induced hyperpermeability in human pulmonary microvascular endothelial cells - A crucial role for protein kinase C- β inhibition. <i>Vascular Pharmacology</i> , 2010, 52, 207-213.	1.0	25
66	The Subcellular Compartmentalization of Arginine Metabolizing Enzymes and Their Role in Endothelial Dysfunction. <i>Frontiers in Immunology</i> , 2013, 4, 184.	2.2	25
67	Solnatide Demonstrates Profound Therapeutic Activity in a Rat Model of Pulmonary Edema Induced by Acute Hypobaric Hypoxia and Exercise. <i>Chest</i> , 2017, 151, 658-667.	0.4	25
68	Reactive Oxygen Species-Dependent Calpain Activation Contributes to Airway and Pulmonary Vascular Remodeling in Chronic Obstructive Pulmonary Disease. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 804-818.	2.5	25
69	Mice with a specific deficiency of <i>Pfkfb3</i> in myeloid cells are protected from hypoxia-induced pulmonary hypertension. <i>British Journal of Pharmacology</i> , 2021, 178, 1055-1072.	2.7	25
70	Membrane interaction of TNF is not sufficient to trigger increase in membrane conductance in mammalian cells. <i>FEBS Letters</i> , 1999, 460, 107-111.	1.3	24
71	AP301, a synthetic peptide mimicking the lectin-like domain of TNF, enhances amiloride-sensitive Na ⁺ current in primary dog, pig and rat alveolar type II cells. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013, 26, 356-363.	1.1	24
72	Caveolin-1 prevents sustained angiotensin II-induced resistance artery constriction and obesity-induced high blood pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H376-H385.	1.5	24

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73	Allelic diversity and haplotype structure of HLA loci in the Chinese Han population living in the Guanzhong region of the Shaanxi province. <i>Human Immunology</i> , 2010, 71, 627-633.	1.2	23
74	Mechanism of Action of Novel Lung Edema Therapeutic AP301 by Activation of the Epithelial Sodium Channel. <i>Molecular Pharmacology</i> , 2013, 84, 899-910.	1.0	23
75	A single high-fat meal provokes pathological erythrocyte remodeling and increases myeloperoxidase levels: implications for acute coronary syndrome. <i>Laboratory Investigation</i> , 2018, 98, 1300-1310.	1.7	23
76	Population genetic analysis of 15 autosomal STR loci in the Russian population of northeastern Inner-Mongolia, China. <i>Molecular Biology Reports</i> , 2010, 37, 3889-3895.	1.0	22
77	A FIM Study to Assess Safety and Exposure of Inhaled Single Doses of AP301 – A Specific ENaC Channel Activator for the Treatment of Acute Lung Injury. <i>Journal of Clinical Pharmacology</i> , 2014, 54, 341-350.	1.0	22
78	Redox control of hepatic cell death. <i>Toxicology Letters</i> , 2003, 139, 111-118.	0.4	21
79	Tumor Necrosis Factor: How to Make a Killer Molecule Tumor-Specific?. <i>Current Cancer Drug Targets</i> , 2005, 5, 381-392.	0.8	21
80	Distributions of HLA-A and -B alleles and haplotypes in the Yi ethnic minority of Yunnan, China: relationship to other populations. <i>Journal of Zhejiang University: Science B</i> , 2010, 11, 127-135.	1.3	21
81	Treatment with polyamine oxidase inhibitor reduces microglial activation and limits vascular injury in ischemic retinopathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1628-1639.	1.8	21
82	Impact of Bacterial Toxins in the Lungs. <i>Toxins</i> , 2020, 12, 223.	1.5	21
83	Modulation of soluble and membrane-bound TNF-induced phenotypic and functional changes of human brain microvascular endothelial cells by recombinant TNF binding protein I. <i>Journal of Neuroimmunology</i> , 1997, 77, 107-115.	1.1	20
84	The Lectin-like Domain of TNF Increases ENaC Open Probability through a Novel Site at the Interface between the Second Transmembrane and C-terminal Domains of the β -Subunit. <i>Journal of Biological Chemistry</i> , 2016, 291, 23440-23451.	1.6	20
85	Arginase in the Vascular Endothelium: Friend or Foe?. <i>Frontiers in Immunology</i> , 2014, 5, 589.	2.2	19
86	Protective effect of Growth Hormone-Releasing Hormone agonist in bacterial toxin-induced pulmonary barrier dysfunction. <i>Frontiers in Physiology</i> , 2014, 5, 259.	1.3	18
87	Glycosylation-dependent activation of epithelial sodium channel by solnatide. <i>Biochemical Pharmacology</i> , 2015, 98, 740-753.	2.0	18
88	Ebselen Improves Ischemia-Reperfusion Injury After Rat Lung Transplantation. <i>Lung</i> , 2009, 187, 98-103.	1.4	17
89	A Combined Impedance and AlphaLISA-Based Approach to Identify Anti-inflammatory and Barrier-Protective Compounds in Human Endothelium. <i>Journal of Biomolecular Screening</i> , 2013, 18, 67-74.	2.6	17
90	Role of growth hormone-releasing hormone in dyslipidemia associated with experimental type 1 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1895-1900.	3.3	16

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91	Restoration of Epithelial Sodium Channel Function by Synthetic Peptides in Pseudohypoaldosteronism Type 1B Mutants. <i>Frontiers in Pharmacology</i> , 2017, 8, 85.	1.6	16
92	Listeriolysin O Regulates the Expression of Optineurin, an Autophagy Adaptor That Inhibits the Growth of <i>Listeria monocytogenes</i> . <i>Toxins</i> , 2017, 9, 273.	1.5	16
93	Dichotomous Role of Tumor Necrosis Factor in Pulmonary Barrier Function and Alveolar Fluid Clearance. <i>Frontiers in Physiology</i> , 2021, 12, 793251.	1.3	16
94	RhoA S-nitrosylation as a regulatory mechanism influencing endothelial barrier function in response to G + -bacterial toxins. <i>Biochemical Pharmacology</i> , 2017, 127, 34-45.	2.0	15
95	Killer cell immunoglobulin-like receptor gene diversity in the Tibetan ethnic minority group of China. <i>Human Immunology</i> , 2010, 71, 1116-1123.	1.2	13
96	Caspase 9 gene polymorphism and susceptibility to lumbar disc disease in the Han population in northern China. <i>Connective Tissue Research</i> , 2011, 52, 198-202.	1.1	13
97	Î²-Nicotinamide adenine dinucleotide attenuates lipopolysaccharide-induced inflammatory effects in a murine model of acute lung injury. <i>Experimental Lung Research</i> , 2012, 38, 223-232.	0.5	13
98	Dual Role of Hydrogen Peroxide as an Oxidant in Pneumococcal Pneumonia. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 962-978.	2.5	13
99	Proteomic Characterization, Biodistribution, and Functional Studies of Immune-Therapeutic Exosomes: Implications for Inflammatory Lung Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 636222.	2.2	13
100	TNF Lectin-Like Domain Restores Epithelial Sodium Channel Function in Frameshift Mutants Associated with Pseudohypoaldosteronism Type 1B. <i>Frontiers in Immunology</i> , 2017, 8, 601.	2.2	12
101	Kidney-targeted inhibition of protein kinase C-Î± ameliorates nephrotoxic nephritis with restoration of mitochondrial dysfunction. <i>Kidney International</i> , 2018, 94, 280-291.	2.6	12
102	An invertebrate defense molecule activates membrane conductance in mammalian cells by means of its lectin-like domain. <i>Developmental and Comparative Immunology</i> , 2002, 26, 35-43.	1.0	11
103	The TNF-derived TIP peptide activates the epithelial sodium channel and ameliorates experimental nephrotoxic serum nephritis. <i>Kidney International</i> , 2019, 95, 1359-1372.	2.6	11
104	Safety and preliminary efficacy of sequential multiple ascending doses of solnatide to treat pulmonary permeability edema in patients with moderate-to-severe ARDSâ€”a randomized, placebo-controlled, double-blind trial. <i>Trials</i> , 2021, 22, 643.	0.7	11
105	<i>Streptococcus pneumoniae</i> and Its Virulence Factors H2O2 and Pneumolysin Are Potent Mediators of the Acute Chest Syndrome in Sickle Cell Disease. <i>Toxins</i> , 2021, 13, 157.	1.5	10
106	Deficiency of Myeloid Pfkfb3 Protects Mice From Lung Edema and Cardiac Dysfunction in LPS-Induced Endotoxemia. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 745810.	1.1	9
107	Histone deacetylases in vascular permeability and remodeling associated with acute lung injury. <i>Vessel Plus</i> , 2018, 2, 15.	0.4	9
108	Lectin-deficient TNF mutants display comparable anti-tumour but reduced pro-metastatic potential as compared to the wild-type molecule. <i>International Journal of Cancer</i> , 2001, 91, 543-549.	2.3	8

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109	ATP-Depleting Carbohydrates Prevent Tumor Necrosis Factor Receptor 1-Dependent Apoptotic and Necrotic Liver Injury in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 875-883.	1.3	8
110	Diversity of Killer Cell Immunoglobulin-Like Receptor Genes in the Bai Ethnic Minority of Yunnan, China. <i>Scandinavian Journal of Immunology</i> , 2011, 73, 284-292.	1.3	8
111	Genetic polymorphism analysis of killer cell immunoglobulin-like receptor genes in the Chinese Uygur population. <i>Molecular Biology Reports</i> , 2012, 39, 3017-3028.	1.0	8
112	A Computational Study of the Oligosaccharide Binding Sites in the Lectin-Like Domain of Tumor Necrosis Factor and the TNF-derived TIP Peptide. <i>Current Pharmaceutical Design</i> , 2012, 18, 4236-4243.	0.9	7
113	Elevated Cytokine Levels in Plasma of Patients with SARS-CoV-2 Do Not Contribute to Pulmonary Microvascular Endothelial Permeability. <i>Microbiology Spectrum</i> , 2022, 10, e0167121.	1.2	7
114	The potential of GM-CSF to improve resistance against infections in organ transplantation. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 254-258.	4.0	6
115	Editorial: Cytokine-Ion Channel Interactions in Pulmonary Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 2598.	2.2	5
116	Listeriolysin O Causes ENaC Dysfunction in Human Airway Epithelial Cells. <i>Toxins</i> , 2018, 10, 79.	1.5	5
117	Does the 6-minute walk test in hospitalized COPD patients exclusively correlate with lung function parameters or should psychological factors also be taken into account?. <i>PLoS ONE</i> , 2020, 15, e0232587.	1.1	5
118	Conformational ensemble of the TNF-derived peptide solnatide in solution. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 2082-2090.	1.9	5
119	Endothelial Cell-Based Methods for the Detection of Cyanobacterial Anti- Inflammatory and Wound-Healing Promoting Metabolites. <i>Drug Metabolism Letters</i> , 2007, 1, 254-260.	0.5	4
120	The lectin-like domain of tumor necrosis factor- β increases membrane conductance in microvascular endothelial cells and peritoneal macrophages. , 1999, 29, 3105.		4
121	Safety and preliminary efficacy of sequential multiple ascending doses of solnatide to treat pulmonary permeability edema in patients with moderate to severe ARDS in a randomized, placebo-controlled, double-blind trial: preliminary evaluation of safety and feasibility in light of the COVID-19 pandemic. <i>Trials</i> , 2022, 23, 252.	0.7	4
122	TNF and its receptors in the microvascular pathology of acute respiratory distress syndrome and cerebral malaria. <i>Shock</i> , 1997, 7, 122.	1.0	2
123	E5 2:45 Glucan-binding properties of a cytolytic protein of <i>Eisenia foetida</i> earthworms. <i>Developmental and Comparative Immunology</i> , 1997, 21, 115.	1.0	2
124	Potential of colony-stimulating factors to improve host defense in organ transplant recipients. <i>Current Opinion in Organ Transplantation</i> , 2004, 9, 411-417.	0.8	2
125	Innovative Cancer Treatments that Augment Radiotherapy or Chemotherapy by the Use of Immunotherapy or Gene Therapy. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2006, 1, 201-208.	0.8	2
126	Montelukast exerts no acute direct effect on NO synthases. <i>Pulmonary Pharmacology and Therapeutics</i> , 2007, 20, 525-533.	1.1	2

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127	Recent advances on the role of the endothelium in pulmonary function and disease. <i>Vascular Pharmacology</i> , 2008, 49, 111-112.	1.0	2
128	Loaded Leukosomes. <i>Circulation Research</i> , 2020, 126, 38-40.	2.0	2
129	TERBUTALINE IMPROVES ISCHEMIA-REPERFUSION INJURY AFTER LEFT-SIDED ORTHOTOPIC RAT LUNG TRANSPLANTATION. <i>Experimental Lung Research</i> , 2009, 35, 175-185.	0.5	1
130	Pathophysiological Considerations in Periorbital Necrotizing Fasciitis: A Case Report. <i>Ocular Immunology and Inflammation</i> , 2022, , 1-6.	1.0	1
131	The Tumor Necrosis Factor-Derived TIP Peptide: A Potential Anti-Edema Drug. <i>Letters in Drug Design and Discovery</i> , 2007, 4, 336-340.	0.4	0
132	Extracellular Beta Nicotinamide Adenine Dinucleotide (B-NAD) - Is This the Molecule to Treat Acute Lung Injury and Adult Respiratory Distress Syndrome. <i>Chest</i> , 2011, 140, 586A.	0.4	0
133	Treatment Of Edematous Respiratory Failure: Preclinical And Early Clinical Development Of Synthetic Peptide AP301. , 2012, , .		0
134	Adenosine A1 Receptors Mediated Enhancement Of Barrier Function In Vasa Vasorum Endothelial Cells. , 2012, , .		0
135	Growth Hormone Releasing Hormone Agonist Protects From Pneumolysin-Induced Pulmonary Permeability. , 2012, , .		0
136	The lectin-like domain of TNF, but not cAMP, protects from Listeriolysin O-induced endothelial hyperpermeability. <i>FASEB Journal</i> , 2009, 23, LB389.	0.2	0
137	The lectin-like domain of TNF blunts LLO-mediated suppression of SGK1 activity and hyperpermeability in human airway H441 cells. <i>FASEB Journal</i> , 2009, 23, LB166.	0.2	0
138	Extracellular Purines in Endothelial Cell Barrier Regulation. , 2010, , 39-55.		0
139	TNF-derived TIP peptide ameliorates High Glucose (HG)-induced Arginase (ARG) mediated Endothelial Dysfunction (ED) via inhibiting PKC activation. <i>FASEB Journal</i> , 2010, 24, 571.6.	0.2	0
140	Role of Protein Kinase C-alpha in Listeriolysin-induced ENaC dysfunction in human airway epithelial cells. <i>FASEB Journal</i> , 2011, 25, 1039.22.	0.2	0
141	L-citrulline prevents progression of diabetic nephropathy by reducing arginase activity. <i>FASEB Journal</i> , 2011, 25, .	0.2	0
142	The lectin-like domain of TNF directly increases ENaC activity. <i>FASEB Journal</i> , 2013, 27, 913.40.	0.2	0
143	L-citrulline protects from kidney damage in STZ-diabetic rodents (151.10). <i>FASEB Journal</i> , 2014, 28, .	0.2	0
144	Molecular mechanism of lung oedema clearance by AP301: dependence of ENaC pore forming subunits (LB781). <i>FASEB Journal</i> , 2014, 28, LB781.	0.2	0

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145	Glycosylationâ€dependent activation of ENaC by the TNF lectin like domain derived peptide AP301. FASEB Journal, 2015, 29, 844.9.	0.2	0