

Shemin Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1557350/publications.pdf>

Version: 2024-02-01

171
papers

10,661
citations

94433

37
h-index

34986

98
g-index

175
all docs

175
docs citations

175
times ranked

22067
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Molecular immune pathogenesis and diagnosis of COVID-19. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 102-108.	5.3	1,208
3	Positional identification of Ncf1 as a gene that regulates arthritis severity in rats. <i>Nature Genetics</i> , 2003, 33, 25-32.	21.4	617
4	Arthritis induced in rats with non-immunogenic adjuvants as models for rheumatoid arthritis. <i>Immunological Reviews</i> , 2001, 184, 184-202.	6.0	190
5	Reduced apoptosis correlates with enhanced autophagy in synovial tissues of rheumatoid arthritis. <i>Inflammation Research</i> , 2013, 62, 229-237.	4.0	122
6	A novel long noncoding RNA Lncâ€œHC binds hnRNPA2B1 to regulate expressions of Cyp7a1 and Abca1 in hepatocytic cholesterol metabolism. <i>Hepatology</i> , 2016, 64, 58-72.	7.3	122
7	Regulation of Osteoblast Proliferation and Differentiation by Interrod Spacing of Sr-HA Nanorods on Microporous Titania Coatings. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5358-5365.	8.0	102
8	MicroRNA-26a negatively regulates toll-like receptor 3 expression of rat macrophages and ameliorates pristane induced arthritis in rats. <i>Arthritis Research and Therapy</i> , 2014, 16, R9.	3.5	83
9	Pristane, a Non-Antigenic Adjuvant, Induces MHC Class II-Restricted, Arthritogenic T Cells in the Rat. <i>Journal of Immunology</i> , 2006, 176, 1172-1179.	0.8	73
10	The major T cell epitope on type II collagen is glycosylated in normal cartilage but modified by arthritis in both rats and humans. <i>European Journal of Immunology</i> , 2005, 35, 357-366.	2.9	72
11	Dependence of SARS-CoV-2 infection on cholesterol-rich lipid raft and endosomal acidification. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 1933-1943.	4.1	69
12	PRMT1 Upregulated by Epithelial Proinflammatory Cytokines Participates in COX2 Expression in Fibroblasts and Chronic Antigen-Induced Pulmonary Inflammation. <i>Journal of Immunology</i> , 2015, 195, 298-306.	0.8	60
13	Population-based and family-based association studies of ZNF804A locus and schizophrenia. <i>Molecular Psychiatry</i> , 2011, 16, 360-361.	7.9	58
14	Role of grain size in the regulation of osteoblast response to Tiâ€œ25Nbâ€œ3Moâ€œ3Zrâ€œ2Sn alloy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 232-241.	5.0	56
15	Animal Models of Rheumatoid Arthritis (I): Pristane-Induced Arthritis in the Rat. <i>PLoS ONE</i> , 2016, 11, e0155936.	2.5	56
16	Toll-like receptor 3 upregulation in macrophages participates in the initiation and maintenance of pristane-induced arthritis in rats. <i>Arthritis Research and Therapy</i> , 2010, 12, R103.	3.5	55
17	Autophagy induction contributes to the resistance to methotrexate treatment in rheumatoid arthritis fibroblast-like synovial cells through high mobility group box chromosomal protein 1. <i>Arthritis Research and Therapy</i> , 2015, 17, 374.	3.5	55
18	The elevated expression of Th17-related cytokines and receptors is associated with skin lesion severity in early systemic sclerosis. <i>Human Immunology</i> , 2015, 76, 22-29.	2.4	55

#	ARTICLE	IF	CITATIONS
19	PDGF-BB induces PRMT1 expression through ERK1/2 dependent STAT1 activation and regulates remodeling in primary human lung fibroblasts. <i>Cellular Signalling</i> , 2016, 28, 307-315.	3.6	54
20	Black seed oil ameliorates allergic airway inflammation by inhibiting T-cell proliferation in rats. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009, 22, 37-43.	2.6	53
21	MicroRNA-337 is associated with chondrogenesis through regulating TGFBR2 expression. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 593-602.	1.3	50
22	TGF- β 2 Upregulated Mitochondria Mass through the SMAD2/3/C/EBP β /PRMT1 Signal Pathway in Primary Human Lung Fibroblasts. <i>Journal of Immunology</i> , 2019, 202, 37-47.	0.8	48
23	Enhanced osteoblast functions of narrow interligand spaced Sr-HA nano-fibers/rods grown on microporous titania coatings. <i>RSC Advances</i> , 2013, 3, 11169.	3.6	47
24	MiR-223 targeting MAFB suppresses proliferation and migration of nasopharyngeal carcinoma cells. <i>BMC Cancer</i> , 2015, 15, 461.	2.6	47
25	A Modified Method using TRIzol [®] Reagent and Liquid Nitrogen Produces High-Quality RNA from Rat Pancreas. <i>Applied Biochemistry and Biotechnology</i> , 2009, 158, 253-261.	2.9	46
26	Chloroquine and hydroxychloroquine as ACE2 blockers to inhibit viropexis of 2019-nCoV Spike pseudotyped virus. <i>Phytomedicine</i> , 2020, 79, 153333.	5.3	46
27	Upregulated Protein Arginine Methyltransferase 1 by IL-4 Increases Eotaxin-1 Expression in Airway Epithelial Cells and Participates in Antigen-Induced Pulmonary Inflammation in Rats. <i>Journal of Immunology</i> , 2012, 188, 3506-3512.	0.8	44
28	Synthesis and anticancer activity evaluation of a series of [1,2,4]triazolo[1,5-a]pyridinylpyridines in vitro and in vivo. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 243-251.	5.5	44
29	Constitutive high expression of protein arginine methyltransferase 1 in asthmatic airway smooth muscle cells is caused by reduced microRNA-19a expression and leads to enhanced remodeling. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 510-524.e3.	2.9	44
30	Arthritis is associated with T-cell-induced upregulation of Toll-like receptor 3 on synovial fibroblasts. <i>Arthritis Research and Therapy</i> , 2011, 13, R103.	3.5	43
31	A comprehensive meta-analysis of association between genetic variants of GDF5 and osteoarthritis of the knee, hip and hand. <i>Inflammation Research</i> , 2015, 64, 405-414.	4.0	43
32	Selenium effect on selenoprotein transcriptome in chondrocytes. <i>BioMetals</i> , 2013, 26, 285-296.	4.1	40
33	Direct role of interrod spacing in mediating cell adhesion on Sr-HA nanorod-patterned coatings. <i>International Journal of Nanomedicine</i> , 2014, 9, 1243.	6.7	40
34	Down-regulation of miR-10a-5p in synoviocytes contributes to TBX5-controlled joint inflammation. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 241-250.	3.6	40
35	Long Noncoding RNA Inc-HC Regulates PPAR β -Mediated Hepatic Lipid Metabolism through miR-130b-3p. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 954-965.	5.1	40
36	Synthesis and biological evaluation of N-aryl salicylamides with a hydroxamic acid moiety at 5-position as novel HDAC/EGFR dual inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4405-4412.	3.0	39

#	ARTICLE	IF	CITATIONS
37	Synthesis and anticancer effects evaluation of 1-alkyl-3-(6-(2-methoxy-3-sulfonylamino-pyridin-5-yl)benzo[d]thiazol-2-yl)urea as anticancer agents with low toxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6477-6485.	3.0	39
38	Up-regulation of Tiam1 and Rac1 Correlates with Poor Prognosis in Hepatocellular Carcinoma. <i>Japanese Journal of Clinical Oncology</i> , 2010, 40, 1053-1059.	1.3	38
39	Pdcd4 modulates markers of macrophage alternative activation and airway remodeling in antigen-induced pulmonary inflammation. <i>Journal of Leukocyte Biology</i> , 2014, 96, 1065-1075.	3.3	36
40	Down-regulation of miR-144 elicits proinflammatory cytokine production by targeting toll-like receptor 2 in nonalcoholic steatohepatitis of high-fat-diet-induced metabolic syndrome E3 rats. <i>Molecular and Cellular Endocrinology</i> , 2015, 402, 1-12.	3.2	36
41	Correlation Analysis Between Bone Mineral Density and Serum Element Contents of Postmenopausal Women in Xi'an Urban Area. <i>Biological Trace Element Research</i> , 2009, 131, 205-214.	3.5	35
42	High expression of liver histone deacetylase 3 contributes to high-fat-diet-induced metabolic syndrome by suppressing the PPAR- β and LXR- α -pathways in E3 rats. <i>Molecular and Cellular Endocrinology</i> , 2011, 344, 69-80.	3.2	35
43	Immunization of Rats with Homologous Type XI Collagen Leads to Chronic and Relapsing Arthritis with Different Genetics and Joint Pathology Than Arthritis Induced with Homologous Type II Collagen. <i>Journal of Autoimmunity</i> , 2002, 18, 199-211.	6.5	33
44	T-2 toxin enhances catabolic activity of hypertrophic chondrocytes through ROS-NF- κ B-HIF-2 α pathway. <i>Toxicology in Vitro</i> , 2012, 26, 1106-1113.	2.4	33
45	Synthesis and antitumor activities evaluation of m-(4-morpholinoquinazolin-2-yl)benzamides in vitro and in vivo. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 382-395.	5.5	33
46	Rosmarinic acid inhibits nicotine-induced reactive protein generation by inhibiting NLRP3 inflammasome activation in smooth muscle cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 1758-1767.	4.1	33
47	Bronchial thermoplasty decreases airway remodelling by blocking epithelium-derived heat shock protein-60 secretion and protein arginine methyltransferase-1 in fibroblasts. <i>European Respiratory Journal</i> , 2019, 54, 1900300.	6.7	33
48	Specific regulation of PRMT1 expression by PIAS1 and RKIP in BEAS-2B epithelia cells and HFL-1 fibroblasts in lung inflammation. <i>Scientific Reports</i> , 2016, 6, 21810.	3.3	31
49	Correlation of AIM2 expression in peripheral blood mononuclear cells from humans with acute and chronic hepatitis B. <i>Human Immunology</i> , 2013, 74, 514-521.	2.4	30
50	MicroRNAs of rat articular cartilage at different developmental stages identified by Solexa sequencing. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 1237-1245.	1.3	29
51	A microfluidic immunoassay system on a centrifugal platform. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 242-249.	7.8	29
52	Further evidence for the association of genetic variants of ZNF804A with schizophrenia and a meta-analysis for genome-wide significance variant rs1344706. <i>Schizophrenia Research</i> , 2012, 141, 40-47.	2.0	28
53	Beclin1 overexpression suppresses tumor cell proliferation and survival via an autophagy-dependent pathway in human synovial sarcoma cells. <i>Oncology Reports</i> , 2018, 40, 1927-1936.	2.6	28
54	Mitogen-Activated Protein Kinase Pathways are Involved in the Upregulation of Calcitonin Gene-Related Peptide of Rat Trigeminal Ganglion After Organ Culture. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 53-65.	2.3	26

#	ARTICLE	IF	CITATIONS
55	Combination of 2-methoxy-3-phenylsulfonylaminobenzamide and 2-aminobenzothiazole to discover novel anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3739-3748.	3.0	26
56	Elevated IL-22 in psoriasis plays an anti-apoptotic role in keratinocytes through mediating Bcl-xL/Bax. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 663-673.	4.9	26
57	Analysis of correlation between blood biochemical indicators and bone mineral density of post-menopausal women. <i>Molecular Biology Reports</i> , 2011, 38, 939-948.	2.3	25
58	Enhanced osteoblast functions and bactericidal effect of Ca and Ag dual-ion implanted surface layers on nanograin titanium alloys. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4531.	5.8	25
59	TLR3 and TLR7 Modulate IgE Production in Antigen Induced Pulmonary Inflammation via Influencing IL-4 Expression in Immune Organs. <i>PLoS ONE</i> , 2011, 6, e17252.	2.5	25
60	Infliximab alleviates inflammation and ex vivo airway hyperreactivity in asthmatic E3 rats. <i>International Immunology</i> , 2011, 23, 443-451.	4.0	24
61	Upregulation of miR-497 induces hepatic insulin resistance in E3 rats with HFD-MetS by targeting insulin receptor. <i>Molecular and Cellular Endocrinology</i> , 2015, 416, 57-69.	3.2	24
62	Tumor necrosis factor- α and diabetic retinopathy: Review and meta-analysis. <i>Clinica Chimica Acta</i> , 2018, 485, 210-217.	1.1	24
63	p62 functions as an oncogene in colorectal cancer through inhibiting apoptosis and promoting cell proliferation by interacting with the vitamin D receptor. <i>Cell Proliferation</i> , 2019, 52, e12585.	5.3	24
64	Upregulated PKM2 in Macrophages Exacerbates Experimental Arthritis via STAT1 Signaling. <i>Journal of Immunology</i> , 2020, 205, 181-192.	0.8	24
65	Genetic Evidence for the Association between the Early Growth Response 3 (EGR3) Gene and Schizophrenia. <i>PLoS ONE</i> , 2012, 7, e30237.	2.5	24
66	Natural polymorphism of Ym1 regulates pneumonitis through alternative activation of macrophages. <i>Science Advances</i> , 2020, 6, .	10.3	23
67	MicroRNAs associated with osteoarthritis differently expressed in bone matrix gelatin (BMG) rat model. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 1009-17.	1.3	23
68	Different Therapeutic and Bystander Effects by Intranasal Administration of Homologous Type II and Type IX Collagens on the Collagen-Induced Arthritis and Pristane-Induced Arthritis in Rats. <i>Clinical Immunology</i> , 1999, 90, 119-127.	3.2	22
69	Both common and unique susceptibility genes in different rat strains with pristane-induced arthritis. <i>European Journal of Human Genetics</i> , 2002, 10, 475-483.	2.8	22
70	Nitric Oxide in Both Bronchoalveolar Lavage Fluid and Serum Is Associated With Pathogenesis and Severity of Antigen-Induced Pulmonary Inflammation in Rats. <i>Journal of Asthma</i> , 2010, 47, 135-144.	1.7	22
71	Methotrexate affects HMGB1 expression in rheumatoid arthritis, and the downregulation of HMGB1 prevents rheumatoid arthritis progression. <i>Molecular and Cellular Biochemistry</i> , 2016, 420, 161-170.	3.1	22
72	Downregulation of HS6ST2 by miR-23b-3p enhances matrix degradation through p38 MAPK pathway in osteoarthritis. <i>Cell Death and Disease</i> , 2018, 9, 699.	6.3	22

#	ARTICLE	IF	CITATIONS
73	Down-regulated HS6ST2 in osteoarthritis and Kashin-Beck disease inhibits cell viability and influences expression of the genes relevant to aggrecan metabolism of human chondrocytes. <i>Rheumatology</i> , 2011, 50, 2176-2186.	1.9	21
74	Discovery of 4-benzoylamino-N-(prop-2-yn-1-yl)benzamides as novel microRNA-21 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6510-6519.	3.0	21
75	Pleiotropic microRNA-21 in pulmonary remodeling: novel insights for molecular mechanism and present advancements. <i>Allergy, Asthma and Clinical Immunology</i> , 2019, 15, 33.	2.0	21
76	The Human Novel Gene LNC-HC Inhibits Hepatocellular Carcinoma Cell Proliferation by Sequestering hsa-miR-183-5p. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 468-479.	5.1	21
77	Abnormality of epiphyseal plate induced by selenium deficiency diet in two generation <scp>DA</scp> rats. <i>Apmis</i> , 2015, 123, 697-705.	2.0	20
78	Pristane primed rat T cells enhance TLR3 expression of fibroblast-like synoviocytes via TNF- α initiated p38 MAPK and NF- κ B pathways. <i>Clinical Immunology</i> , 2015, 156, 141-153.	3.2	20
79	TrxR2 deficiencies promote chondrogenic differentiation and induce apoptosis of chondrocytes through mitochondrial reactive oxygen species. <i>Experimental Cell Research</i> , 2016, 344, 67-75.	2.6	20
80	A comparative genetic analysis between collagen-induced arthritis and pristane-induced arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 2332-2342.	6.7	19
81	NOD2 pathway via RIPK2 and TBK1 is involved in the aberrant catabolism induced by T-2 toxin in chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1575-1585.	1.3	19
82	Synthesis and antitumor activity evaluation of PI3K inhibitors containing 3-substituted quinazolin-4(3H)-one moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7765-7776.	3.0	19
83	Proinflammatory macrophages impair skeletal muscle differentiation in obesity through secretion of tumor necrosis factor- α via sustained activation of p38 mitogen-activated protein kinase. <i>Journal of Cellular Physiology</i> , 2019, 234, 2566-2580.	4.1	19
84	Anti-toll-like receptor 2 antibody ameliorates hepatic injury, inflammation, fibrosis and steatosis in obesity-related metabolic disorder rats via regulating MAPK and NF- κ B pathways. <i>International Immunopharmacology</i> , 2020, 82, 106368.	3.8	19
85	Molecular detection of SARS-CoV-2 being challenged by virus variation and asymptomatic infection. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 257-264.	5.3	19
86	A comparison of peginterferon α -2a and α -2b for treatment-naive patients with chronic hepatitis C virus: A meta-analysis of randomized trials. <i>Clinical Therapeutics</i> , 2010, 32, 1565-1577.	2.5	18
87	Selenium promotes proliferation of chondrogenic cell ATDC5 by increment of intracellular ATP content under serum deprivation. <i>Cell Biochemistry and Function</i> , 2012, 30, 657-663.	2.9	18
88	Activation of α 1 adrenoceptors in ventrolateral orbital cortex attenuates allodynia induced by spared nerve injury in rats. <i>Neurochemistry International</i> , 2016, 99, 85-93.	3.8	18
89	Autoimmune and inflammatory responses in Kashin-Beck disease compared with rheumatoid arthritis and osteoarthritis. <i>Human Immunology</i> , 2011, 72, 812-816.	2.4	17
90	Interferon plus Chinese herbs are associated with higher sustained virological response than interferon alone in chronic Hepatitis C: A meta-analysis of randomised trials. <i>Antiviral Research</i> , 2011, 89, 156-164.	4.1	17

#	ARTICLE	IF	CITATIONS
91	Overexpression of Toll-like Receptor 3 in Spleen is Associated with Experimental Arthritis in Rats. <i>Scandinavian Journal of Immunology</i> , 2012, 76, 263-270.	2.7	17
92	Selenoprotein O deficiencies suppress chondrogenic differentiation of ATDC5 cells. <i>Cell Biology International</i> , 2016, 40, 1033-1040.	3.0	17
93	Inconsistent susceptibility to autoimmunity in inbred LEW rats is due to genetic crossbreeding involving segregation of the arthritis-regulating gene <i>Ncf1</i> . <i>Genomics</i> , 2004, 83, 765-771.	2.9	16
94	Is the <i>EFNB2</i> locus associated with schizophrenia? Single nucleotide polymorphisms and haplotypes analysis. <i>Psychiatry Research</i> , 2010, 180, 5-9.	3.3	16
95	Discovery of 2-aryl-8-hydroxy (or methoxy)-isoquinolin-1(2H)-ones as novel EGFR inhibitor by scaffold hopping. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6956-6964.	3.0	16
96	Extracellular microRNA-21 and microRNA-26a increase in body fluids from rats with antigen induced pulmonary inflammation and children with recurrent wheezing. <i>BMC Pulmonary Medicine</i> , 2016, 16, 50.	2.0	16
97	microRNA-23a contributes to asthma by targeting <i>BCL2</i> in airway epithelial cells and <i>CXCL12</i> in fibroblasts. <i>Journal of Cellular Physiology</i> , 2019, 234, 21153-21165.	4.1	16
98	Maintenance of <i>SOX9</i> stability and ECM homeostasis by selenium-sensitive <i>PRMT5</i> in cartilage. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 932-944.	1.3	16
99	Class II major histocompatibility complex-associated response to type XI collagen regulates the development of chronic arthritis in rats. <i>Arthritis and Rheumatism</i> , 2012, 64, 2537-2547.	6.7	15
100	Design, synthesis and antiproliferative activity evaluation of m-(4-morpholinyl-1,3,5-triazin-2-yl)benzamides in vitro. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1730-1735.	2.2	14
101	GPx1 knockdown suppresses chondrogenic differentiation of ATDC5 cells through induction of reductive stress. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 110-118.	2.0	14
102	Down-regulation of miR-10a-5p promotes proliferation and restricts apoptosis via targeting T-box transcription factor 5 in inflamed synoviocytes. <i>Bioscience Reports</i> , 2018, 38, .	2.4	14
103	Selenium-sensitive miR-181a-5p targeting miR-SBP2 regulates selenoproteins expression in cartilage. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5888-5898.	3.6	14
104	Signaling network between the dysregulated expression of microRNAs and mRNAs in propofol-induced developmental neurotoxicity in mice. <i>Scientific Reports</i> , 2018, 8, 14172.	3.3	14
105	Interpreting the MicroRNA-15/107 family: interaction identification by combining network based and experiment supported approach. <i>BMC Medical Genetics</i> , 2019, 20, 96.	2.1	14
106	Intervening upregulated <i>SLC7A5</i> could mitigate inflammatory mediator by mTOR-P70S6K signal in rheumatoid arthritis synoviocytes. <i>Arthritis Research and Therapy</i> , 2020, 22, 200.	3.5	14
107	Relationships between endothelial nitric oxide synthase gene polymorphisms and osteoporosis in postmenopausal women. <i>Journal of Zhejiang University: Science B</i> , 2009, 10, 609-618.	2.8	13
108	Genetic analysis of glutamate cysteine ligase modifier (<i>GCLM</i>) gene and schizophrenia in Han Chinese. <i>Schizophrenia Research</i> , 2010, 119, 273-274.	2.0	13

#	ARTICLE	IF	CITATIONS
109	Is the conserved mammalian region of ZNF804A locus associated with schizophrenia? A population-based genetics analysis. <i>Schizophrenia Research</i> , 2011, 133, 159-164.	2.0	13
110	Pristane induces autophagy in macrophages, promoting a STAT1-IRF1-TLR3 pathway and arthritis. <i>Clinical Immunology</i> , 2017, 175, 56-68.	3.2	13
111	Extra-articular cartilage affected in collagen-induced, but not pristane-induced, arthritis models. <i>Clinical and Experimental Immunology</i> , 2002, 127, 37-42.	2.6	12
112	Loss of microRNA-147 function alleviates synovial inflammation through ZNF148 in rheumatoid and experimental arthritis. <i>European Journal of Immunology</i> , 2021, 51, 2062-2073.	2.9	12
113	Suppressive effects of black seed oil on ovalbumin induced acute lung remodeling in E3 rats. <i>Swiss Medical Weekly</i> , 2010, 140, w13128.	1.6	12
114	Metformin Ameliorates Inflammation and Airway Remodeling of Experimental Allergic Asthma in Mice by Restoring AMPK \pm Activity. <i>Frontiers in Pharmacology</i> , 2022, 13, 780148.	3.5	12
115	Evidence for transmission disequilibrium at the DAOA gene locus in a schizophrenia family sample. <i>Neuroscience Letters</i> , 2009, 462, 105-108.	2.1	11
116	Methotrexate ameliorates pristane-induced arthritis by decreasing IFN- β and IL-17A expressions. <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 40-46.	2.8	11
117	Specificity Evaluation and Disease Monitoring in Arthritis Imaging with Complement Receptor of the Ig superfamily targeting Nanobodies. <i>Scientific Reports</i> , 2016, 6, 35966.	3.3	11
118	Down-regulated in OA cartilage, SFMBT2 contributes to NF- κ B-mediated ECM degradation. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5753-5758.	3.6	11
119	SOD3 Is Secreted by Adipocytes and Mitigates High-Fat Diet-Induced Obesity, Inflammation, and Insulin Resistance. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 193-212.	5.4	11
120	A novel replicated association between FXYP6 gene and schizophrenia. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 118-121.	2.1	10
121	Identification and application of anti-inflammatory compounds screening system based on RAW264.7 cells stably expressing NF- κ B-dependent SEAP reporter gene. <i>BMC Pharmacology & Toxicology</i> , 2017, 18, 5.	2.4	10
122	PRMT1 Modulates Processing of Asthma-Related Primary MicroRNAs (Pri-miRNAs) into Mature miRNAs in Lung Epithelial Cells. <i>Journal of Immunology</i> , 2021, 206, 11-22.	0.8	10
123	Alteration of airway responsiveness mediated by receptors in ovalbumin-induced asthmatic E3 rats. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 965-972.	6.1	9
124	Age versus clinical virological characteristics in chronic hepatitis B virus infection. <i>European Journal of Gastroenterology and Hepatology</i> , 2012, 24, 1.	1.6	9
125	T-2 Toxin Induces Epiphyseal Plate Lesions via Decreased SECISBP2-Mediated Selenoprotein Expression in DA Rats, Exacerbated by Selenium Deficiency. <i>Cartilage</i> , 2021, 12, 121-131.	2.7	9
126	Mechanical hyperalgesia is attenuated by local administration of octreotide in pristane-induced arthritis in Dark-Agouti rats. <i>Life Sciences</i> , 2008, 83, 732-738.	4.3	8

#	ARTICLE	IF	CITATIONS
127	Housekeeping gene stability in pristane-induced arthritis and antigen-induced pulmonary inflammation of rats. <i>Inflammation Research</i> , 2009, 58, 601-609.	4.0	8
128	From selenoprotein to endochondral ossification: A novel mechanism with microRNAs potential in bone related diseases?. <i>Medical Hypotheses</i> , 2011, 77, 807-811.	1.5	8
129	Induction of toll-like receptor 2 positive antigen-presenting cells in spleen of pristane-induced arthritis in rats. <i>Molecular Biology Reports</i> , 2012, 39, 3667-3673.	2.3	8
130	Levels of HTNV-specific CD8+ T lymphocytes in PBMC from the patients with hemorrhagic fever with renal syndrome. <i>Internal and Emergency Medicine</i> , 2013, 8, 503-508.	2.0	8
131	Identification of differentially expressed genes related to metabolic syndrome induced with high-fat diet in E3 rats. <i>Experimental Biology and Medicine</i> , 2015, 240, 235-241.	2.4	8
132	High glucose and TGF- β 1 reduce expression of endoplasmic reticulum-resident selenoprotein S and selenoprotein N in human mesangial cells. <i>Renal Failure</i> , 2019, 41, 762-769.	2.1	8
133	MicroRNA-497 Reduction and Increase of Its Family Member MicroRNA-424 Lead to Dysregulation of Multiple Inflammation Related Genes in Synovial Fibroblasts With Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 619392.	4.8	8
134	IFN- γ contributes to the hepatic inflammation in HFD-induced nonalcoholic steatohepatitis by STAT1 β /TLR2 signaling pathway. <i>Molecular Immunology</i> , 2021, 134, 118-128.	2.2	8
135	Cholesterol-induced leucine aminopeptidase 3 (LAP3) upregulation inhibits cell autophagy in pathogenesis of NAFLD. <i>Aging</i> , 2022, 14, 3259-3275.	3.1	8
136	Treatment with peginterferon versus interferon in Chinese patients with hepatitis B. <i>Biomedicine and Pharmacotherapy</i> , 2010, 64, 559-564.	5.6	7
137	Construction of Conveniently Screening pLKO.1-TRC Vector Tagged with TurboGFP. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 699-709.	2.9	7
138	Discovery of 2-(aminopyrimidin-5-yl)-4-(morpholin-4-yl)-6- substituted triazine as PI3K and BRAF dual inhibitor. <i>Future Medicinal Chemistry</i> , 2018, 10, 2445-2455.	2.3	7
139	mTOR regulates PRMT1 expression and mitochondrial mass through STAT1 phosphorylation in hepatic cell. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119017.	4.1	7
140	TSLP-induced collagen type-I synthesis through STAT3 and PRMT1 is sensitive to calcitriol in human lung fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119083.	4.1	7
141	Ncf1 Governs Immune Niches in the Lung to Mediate Pulmonary Inflammation in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 783944.	4.8	7
142	The major histocompatibility complex genes are associated with basal pain sensitivity differences between Dark-Agouti and novel congenic DA.1U rats. <i>Life Sciences</i> , 2010, 86, 972-978.	4.3	6
143	HDAC3 interacts with sumoylated C/EBP β to negatively regulate the LXR β expression in rat hepatocytes. <i>Molecular and Cellular Endocrinology</i> , 2013, 374, 35-45.	3.2	6
144	Bioinformatic prediction and functional characterization of human KIAA0100 gene. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 10-18.	5.3	6

#	ARTICLE	IF	CITATIONS
145	Sodium selenite induces apoptosis and inhibits autophagy in human synovial sarcoma cell line SW982 in <i>in vitro</i> . <i>Molecular Medicine Reports</i> , 2018, 17, 6560-6568.	2.4	6
146	The dual luciferase reporter system and RT-qPCR strategies for screening of MicroRNA-21 small-molecule inhibitors. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 755-762.	3.1	6
147	Up-regulated DERL3 in fibroblast-like synoviocytes exacerbates inflammation of rheumatoid arthritis. <i>Clinical Immunology</i> , 2020, 220, 108579.	3.2	6
148	Different challenge terms determine disease patterns of antigen-induced pulmonary inflammation in E3 rats. <i>Apmis</i> , 2011, 119, 229-238.	2.0	5
149	IL-22 expression is increased variedly in the initial phase, onset and chronic phase of a pristane-induced arthritis rat model. <i>Molecular Medicine Reports</i> , 2017, 16, 1109-1116.	2.4	5
150	SFMBT2 positively regulates SOX9 and chondrocyte proliferation. <i>International Journal of Molecular Medicine</i> , 2018, 42, 3503-3512.	4.0	5
151	Intra-articular Injection of Chloramphenicol Reduces Articular Cartilage Degeneration in a Rabbit Model of Osteoarthritis. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 2785-2797.	1.5	5
152	Arthritis Induced with Minor Cartilage Proteins. <i>Methods in Molecular Medicine</i> , 2007, 136, 225-242.	0.8	5
153	Abnormal Expression of DICER1 Leads to Dysregulation of Inflammatory Effectors in Human Synoviocytes. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	3.0	4
154	miR-497 Is Implicated in the Process of Chondrogenesis and Inhibits IHH Gene Expression in Human Chondrocytes. <i>Cartilage</i> , 2020, 11, 479-489.	2.7	4
155	A shedding-soluble form of interleukin-17 receptor D exacerbates collagen-induced arthritis through facilitating TNF- α -dependent receptor clustering. <i>Cellular and Molecular Immunology</i> , 2020, 18, 1883-1895.	10.5	4
156	Increased expression of Th17 cytokines and interleukin-22 correlates with disease activity in pristane-induced arthritis in rats. <i>PLoS ONE</i> , 2017, 12, e0188199.	2.5	4
157	Pdcd4 promotes lipid deposition by attenuating PPAR α -mediated fatty acid oxidation in hepatocytes. <i>Molecular and Cellular Endocrinology</i> , 2022, 545, 111562.	3.2	4
158	Transcription factor AP1 binds the functional region of the promoter and regulates gene expression of human PPAR δ in LoVo cell. <i>Tumor Biology</i> , 2013, 34, 3619-3625.	1.8	3
159	W941, a new PI3K inhibitor, exhibits preferable anti-proliferative activities against nonsmall cell lung cancer with autophagy inhibitors. <i>Investigational New Drugs</i> , 2020, 38, 1218-1226.	2.6	3
160	Effects and Mechanisms of Autophagy Induced by Solubilized-Cholesterol in Hepatocytes: A Comparative Study Among Solvents. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 357-366.	1.8	3
161	Topical Treatment of Colquhounia Root Relieves Skin Inflammation and Itch in Imiquimod-Induced Psoriasiform Dermatitis in Mice. <i>Mediators of Inflammation</i> , 2022, 2022, 1-15.	3.0	3
162	Single Treatment of Vitamin D3 Ameliorates LPS-Induced Acute Lung Injury through Changing Lung <i>rodentibacter</i> abundance. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100952.	3.3	3

#	ARTICLE	IF	CITATIONS
163	Preparation of monoclonal antibody against human KIAA0100 protein and Northern blot analysis of human KIAA0100 gene. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 190-195.	5.3	2
164	Neutrophilâ€“Lymphocyte Ratio in Children with Recurrent Wheezing. <i>Pediatric, Allergy, Immunology, and Pulmonology</i> , 2017, 30, 227-231.	0.8	2
165	Pristane promotes anaerobic glycolysis to facilitate proinflammatory activation of macrophages and development of arthritis. <i>Experimental Cell Research</i> , 2021, 398, 112404.	2.6	2
166	Induction of PDCD4 by albumin in proximal tubule epithelial cells potentiates proteinuria-induced dysfunctional autophagy by negatively targeting Atg5. <i>Biochemistry and Cell Biology</i> , 2021, 99, 1-12.	2.0	2
167	SLC7A5 expression is up-regulated in peripheral blood T and B lymphocytes of systemic lupus erythematosus patients, associating with renal damage. <i>Clinical Immunology</i> , 2022, 237, 108987.	3.2	1
168	Expression of VLA-4 molecule in PBMC from patients with hemorrhagic fever with renal syndrome. <i>Inflammation Research</i> , 2011, 60, 613-617.	4.0	0
169	The Effects of Rosiglitazone on Fatty Liver of High Fat and Cholesterol-Fed Rabbits. <i>Journal of Animal and Veterinary Advances</i> , 2012, 11, 2564-2569.	0.1	0
170	Characterizations and potential functions of protein arginine methyltransferase 1 in primary lung structural cells. , 2015, , .		0
171	Identification of benzamides derivatives of norfloxacin as promising microRNA-21 inhibitors via repressing its transcription. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 66, 116803.	3.0	0