

Shemin Lu

List of Publications by Year in descending order

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171
papers

10,661
citations

94269

37
h-index

34900

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.	4.3	4,701
2	Molecular immune pathogenesis and diagnosis of COVID-19. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 102-108.	2.4	1,208
3	Positional identification of Ncf1 as a gene that regulates arthritis severity in rats. <i>Nature Genetics</i> , 2003, 33, 25-32.	9.4	617
4	Arthritis induced in rats with non-immunogenic adjuvants as models for rheumatoid arthritis. <i>Immunological Reviews</i> , 2001, 184, 184-202.	2.8	190
5	Reduced apoptosis correlates with enhanced autophagy in synovial tissues of rheumatoid arthritis. <i>Inflammation Research</i> , 2013, 62, 229-237.	1.6	122
6	A novel long noncoding RNA Lncâ€œHC binds hnRNP A2B1 to regulate expressions of Cyp7a1 and Abca1 in hepatocytic cholesterol metabolism. <i>Hepatology</i> , 2016, 64, 58-72.	3.6	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.	4.0	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.	1.6	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.	0.4	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.	1.6	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.	1.9	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.	0.4	60
13	Population-based and family-based association studies of ZNF804A locus and schizophrenia. <i>Molecular Psychiatry</i> , 2011, 16, 360-361.	4.1	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.	2.5	56
15	Animal Models of Rheumatoid Arthritis (I): Pristane-Induced Arthritis in the Rat. <i>PLoS ONE</i> , 2016, 11, e0155936.	1.1	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.	1.6	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.	1.6	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.	1.2	55

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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.	1.7	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.	1.1	53
21	MicroRNA-337 is associated with chondrogenesis through regulating TGFBR2 expression. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 593-602.	0.6	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.	0.4	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.	1.7	47
24	MiR-223 targeting MAFB suppresses proliferation and migration of nasopharyngeal carcinoma cells. <i>BMC Cancer</i> , 2015, 15, 461.	1.1	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.	1.4	46
26	Chloroquine and hydroxychloroquine as ACE2 blockers to inhibit viropexis of 2019-nCoV Spike pseudotyped virus. <i>Phytomedicine</i> , 2020, 79, 153333.	2.3	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.	0.4	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.	2.6	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.	1.5	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.	1.6	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.	1.6	43
32	Selenium effect on selenoprotein transcriptome in chondrocytes. <i>BioMetals</i> , 2013, 26, 285-296.	1.8	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.	3.3	40
34	Downregulation of miR-10a-5p in synoviocytes contributes to TBX5-controlled joint inflammation. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 241-250.	1.6	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.	2.3	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.	1.4	39

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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.	1.4	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.	0.6	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.	1.5	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.	1.6	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.	1.9	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.	1.6	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.	3.0	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.	1.1	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.	2.6	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.	2.0	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.	3.1	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.	1.6	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.	1.2	30
50	MicroRNAs of rat articular cartilage at different developmental stages identified by Solexa sequencing. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 1237-1245.	0.6	29
51	A microfluidic immunoassay system on a centrifugal platform. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 242-249.	4.0	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.	1.1	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.	1.2	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.	1.1	26

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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.	1.4	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.	2.2	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.	1.0	25
58	Enhanced osteoblast functions and bactericidal effect of Ca and Ag dual-ion implanted surface layers on nanograined titanium alloys. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4531.	2.9	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.	1.1	25
60	Infliximab alleviates inflammation and ex vivo airway hyperreactivity in asthmatic E3 rats. <i>International Immunology</i> , 2011, 23, 443-451.	1.8	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.	1.6	24
62	Tumor necrosis factor- α and diabetic retinopathy: Review and meta-analysis. <i>Clinica Chimica Acta</i> , 2018, 485, 210-217.	0.5	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.	2.4	24
64	Upregulated PKM2 in Macrophages Exacerbates Experimental Arthritis via STAT1 Signaling. <i>Journal of Immunology</i> , 2020, 205, 181-192.	0.4	24
65	Genetic Evidence for the Association between the Early Growth Response 3 (EGR3) Gene and Schizophrenia. <i>PLoS ONE</i> , 2012, 7, e30237.	1.1	24
66	Natural polymorphism of Ym1 regulates pneumonitis through alternative activation of macrophages. <i>Science Advances</i> , 2020, 6, .	4.7	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.	1.4	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.	1.4	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.	0.9	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.	1.4	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.	2.7	22

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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.	0.9	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.	1.4	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.	0.9	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.	2.3	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.	0.9	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.	1.4	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.	1.2	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.	0.6	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.	1.4	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.	2.0	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.	1.7	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.	2.4	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.	1.1	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.	1.4	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.	1.9	18
89	Autoimmune and inflammatory responses in Kashin-Beck disease compared with rheumatoid arthritis and osteoarthritis. <i>Human Immunology</i> , 2011, 72, 812-816.	1.2	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.	1.9	17

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91	Overexpression of Tollâ€like Receptor 3 in Spleen is Associated with Experimental Arthritis in Rats. Scandinavian Journal of Immunology, 2012, 76, 263-270.	1.3	17
92	Selenoprotein O deficiencies suppress chondrogenic differentiation of ATDC5 cells. Cell Biology International, 2016, 40, 1033-1040.	1.4	17
93	Inconsistent susceptibility to autoimmunity in inbred LEW rats is due to genetic crossbreeding involving segregation of the arthritis-regulating gene Ncf1. Genomics, 2004, 83, 765-771.	1.3	16
94	Is the EFNB2 locus associated with schizophrenia? Single nucleotide polymorphisms and haplotypes analysis. Psychiatry Research, 2010, 180, 5-9.	1.7	16
95	Discovery of 2-aryl-8-hydroxy (or methoxy)-isoquinolin-1(2H)-ones as novel EGFR inhibitor by scaffold hopping. Bioorganic and Medicinal Chemistry, 2013, 21, 6956-6964.	1.4	16
96	Extracellular microRNA-21 and microRNA-26a increase in body fluids from rats with antigen induced pulmonary inflammation and children with recurrent wheezing. BMC Pulmonary Medicine, 2016, 16, 50.	0.8	16
97	microRNAâ€23a contributes to asthma by targeting BCL2 in airway epithelial cells and CXCL12 in fibroblasts. Journal of Cellular Physiology, 2019, 234, 21153-21165.	2.0	16
98	Maintenance of SOX9 stability and ECM homeostasis by selenium-sensitive PRMT5 in cartilage. Osteoarthritis and Cartilage, 2019, 27, 932-944.	0.6	16
99	Class II major histocompatibility complexâ€associated response to type XI collagen regulates the development of chronic arthritis in rats. Arthritis and Rheumatism, 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. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1730-1735.	1.0	14
101	GPx1 knockdown suppresses chondrogenic differentiation of ATDC5 cells through induction of reductive stress. Acta Biochimica Et Biophysica Sinica, 2017, 49, 110-118.	0.9	14
102	Down-regulation of miR-10a-5p promotes proliferation and restricts apoptosis via targeting T-box transcription factor 5 in inflamed synoviocytes. Bioscience Reports, 2018, 38, .	1.1	14
103	Seleniumâ€sensitive miR-181a-5p targeting miR-181a-5p targets miR-181a-5p regulates selenoproteins expression in cartilage. Journal of Cellular and Molecular Medicine, 2018, 22, 5888-5898.	1.6	14
104	Signaling network between the dysregulated expression of microRNAs and mRNAs in propofol-induced developmental neurotoxicity in mice. Scientific Reports, 2018, 8, 14172.	1.6	14
105	Interpreting the MicroRNA-15/107 family: interaction identification by combining network based and experiment supported approach. BMC Medical Genetics, 2019, 20, 96.	2.1	14
106	Intervening upregulated SLC7A5 could mitigate inflammatory mediator by mTOR-P70S6K signal in rheumatoid arthritis synoviocytes. Arthritis Research and Therapy, 2020, 22, 200.	1.6	14
107	Relationships between endothelial nitric oxide synthase gene polymorphisms and osteoporosis in postmenopausal women. Journal of Zhejiang University: Science B, 2009, 10, 609-618.	1.3	13
108	Genetic analysis of glutamate cysteine ligase modifier (GCLM) gene and schizophrenia in Han Chinese. Schizophrenia Research, 2010, 119, 273-274.	1.1	13

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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.	1.1	13
110	Pristane induces autophagy in macrophages, promoting a STAT1-IRF1-TLR3 pathway and arthritis. <i>Clinical Immunology</i> , 2017, 175, 56-68.	1.4	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.	1.1	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.	1.6	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.	0.8	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.	1.6	12
115	Evidence for transmission disequilibrium at the DAOA gene locus in a schizophrenia family sample. <i>Neuroscience Letters</i> , 2009, 462, 105-108.	1.0	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.	1.3	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.	1.6	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.	1.6	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.	2.5	11
120	A novel replicated association between FXYP6 gene and schizophrenia. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 118-121.	1.0	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.	1.0	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.	0.4	10
123	Alteration of airway responsiveness mediated by receptors in ovalbumin-induced asthmatic E3 rats. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 965-972.	2.8	9
124	Age versus clinical virological characteristics in chronic hepatitis B virus infection. <i>European Journal of Gastroenterology and Hepatology</i> , 2012, 24, 1.	0.8	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.	1.4	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.	2.0	8

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127	Housekeeping gene stability in pristane-induced arthritis and antigen-induced pulmonary inflammation of rats. <i>Inflammation Research</i> , 2009, 58, 601-609.	1.6	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.	0.8	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.	1.0	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.	1.0	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.	1.1	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.	0.8	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.	2.2	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.	1.0	8
135	Cholesterol-induced leucine aminopeptidase 3 (LAP3) upregulation inhibits cell autophagy in pathogenesis of NAFLD. <i>Aging</i> , 2022, 14, 3259-3275.	1.4	8
136	Treatment with peginterferon versus interferon in Chinese patients with hepatitis B. <i>Biomedicine and Pharmacotherapy</i> , 2010, 64, 559-564.	2.5	7
137	Construction of Conveniently Screening pLKO.1-TRC Vector Tagged with TurboGFP. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 699-709.	1.4	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.	1.1	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.	1.9	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.	1.9	7
141	Ncf1 Governs Immune Niches in the Lung to Mediate Pulmonary Inflammation in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 783944.	2.2	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.	2.0	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.	1.6	6
144	Bioinformatic prediction and functional characterization of human KIAA0100 gene. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 10-18.	2.4	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.	1.1	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.	1.4	6
147	Up-regulated DERL3 in fibroblast-like synoviocytes exacerbates inflammation of rheumatoid arthritis. <i>Clinical Immunology</i> , 2020, 220, 108579.	1.4	6
148	Different challenge terms determine disease patterns of antigen-induced pulmonary inflammation in E3 rats. <i>Apmis</i> , 2011, 119, 229-238.	0.9	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.	1.1	5
150	SFMBT2 positively regulates SOX9 and chondrocyte proliferation. <i>International Journal of Molecular Medicine</i> , 2018, 42, 3503-3512.	1.8	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.	0.7	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.	1.4	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.	1.4	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.	4.8	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.	1.1	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.	1.6	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.	0.8	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.	1.2	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.	0.9	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.	1.4	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.	1.5	3

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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.	2.4	2
164	Neutrophilâ€“Lymphocyte Ratio in Children with Recurrent Wheezing. <i>Pediatric, Allergy, Immunology, and Pulmonology</i> , 2017, 30, 227-231.	0.3	2
165	Pristane promotes anaerobic glycolysis to facilitate proinflammatory activation of macrophages and development of arthritis. <i>Experimental Cell Research</i> , 2021, 398, 112404.	1.2	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.	0.9	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.	1.4	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.	1.6	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.	1.4	0