

Daping Fan

List of Publications by Year in descending order

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83
papers

7,854
citations

126907

33
h-index

64796

79
g-index

87
all docs

87
docs citations

87
times ranked

18064
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	Exploiting macrophage autophagy-lysosomal biogenesis as a therapy for atherosclerosis. <i>Nature Communications</i> , 2017, 8, 15750.	12.8	258
3	MicroRNA-155 Deficiency Results in Decreased Macrophage Inflammation and Attenuated Atherogenesis in Apolipoprotein E-deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 759-767.	2.4	179
4	Local effects of human PCSK9 on the atherosclerotic lesion. <i>Journal of Pathology</i> , 2016, 238, 52-62.	4.5	143
5	miR-155 deficiency protects mice from experimental colitis by reducing T helper type 1/type 17 responses. <i>Immunology</i> , 2014, 143, 478-489.	4.4	115
6	Characterization of Sparstolonin B, a Chinese Herb-derived Compound, as a Selective Toll-like Receptor Antagonist with Potent Anti-inflammatory Properties. <i>Journal of Biological Chemistry</i> , 2011, 286, 26470-26479.	3.4	111
7	Self-Association of Human PCSK9 Correlates with Its LDLR-Degrading Activity. <i>Biochemistry</i> , 2008, 47, 1631-1639.	2.5	91
8	MicroRNA-155 deficiency enhances the recruitment and functions of myeloid-derived suppressor cells in tumor microenvironment and promotes solid tumor growth. <i>International Journal of Cancer</i> , 2015, 136, E602-13.	5.1	91
9	Ursolic acid promotes cancer cell death by inducing Atg5-dependent autophagy. <i>International Journal of Cancer</i> , 2013, 133, 2781-2790.	5.1	85
10	High-protein diets increase cardiovascular risk by activating macrophage mTOR to suppress mitophagy. <i>Nature Metabolism</i> , 2020, 2, 110-125.	11.9	85
11	Emodin suppresses pulmonary metastasis of breast cancer accompanied with decreased macrophage recruitment and M2 polarization in the lungs. <i>Breast Cancer Research and Treatment</i> , 2014, 148, 291-302.	2.5	80
12	Macrophage miR-34a Is a Key Regulator of Cholesterol Efflux and Atherosclerosis. <i>Molecular Therapy</i> , 2020, 28, 202-216.	8.2	75
13	Emodin Inhibits Breast Cancer Growth by Blocking the Tumor-Promoting Feedforward Loop between Cancer Cells and Macrophages. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1931-1942.	4.1	70
14	Emodin reduces Breast Cancer Lung Metastasis by suppressing Macrophage-induced Breast Cancer Cell Epithelial-mesenchymal transition and Cancer Stem Cell formation. <i>Theranostics</i> , 2020, 10, 8365-8381.	10.0	70
15	Low-Density Lipoprotein Receptor-Related Protein 1 Prevents Early Atherosclerosis by Limiting Lesional Apoptosis and Inflammatory Ly-6C ^{high} Monocytosis. <i>Circulation</i> , 2011, 124, 454-464.	1.6	66
16	Emodin Bidirectionally Modulates Macrophage Polarization and Epigenetically Regulates Macrophage Memory. <i>Journal of Biological Chemistry</i> , 2016, 291, 11491-11503.	3.4	59
17	HOXB7 Promotes Malignant Progression by Activating the TGF β 2 Signaling Pathway. <i>Cancer Research</i> , 2015, 75, 709-719.	0.9	54
18	The putative tumor suppressor Zc3h12d modulates toll-like receptor signaling in macrophages. <i>Cellular Signalling</i> , 2012, 24, 569-576.	3.6	52

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19	Twenty Novel Disease Group-Specific and 12 New Shared Macrophage Pathways in Eight Groups of 34 Diseases Including 24 Inflammatory Organ Diseases and 10 Types of Tumors. <i>Frontiers in Immunology</i> , 2019, 10, 2612.	4.8	50
20	TFEB is a master regulator of tumor-associated macrophages in breast cancer. , 2020, 8, e000543.		50
21	Emodin attenuates systemic and liver inflammation in hyperlipidemic mice administrated with lipopolysaccharides. <i>Experimental Biology and Medicine</i> , 2014, 239, 1025-1035.	2.4	48
22	Central role of myeloid MCP1 in protecting against LPS-induced inflammation and lung injury. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, 17066.	17.1	48
23	NMR Solution Structure and Dynamics of an Exchangeable Apolipoprotein, Locusta migratoria Apolipoprotein III. <i>Journal of Biological Chemistry</i> , 2003, 278, 21212-21220.	3.4	47
24	Cholesterol: A new game player accelerating vasculopathy caused by SARS-CoV-2?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E197-E202.	3.5	47
25	Monocyte Chemotactic Protein-induced Protein 1 (MCP1) Suppresses Stress Granule Formation and Determines Apoptosis under Stress. <i>Journal of Biological Chemistry</i> , 2011, 286, 41692-41700.	3.4	46
26	Ursolic acid enhances macrophage autophagy and attenuates atherogenesis. <i>Journal of Lipid Research</i> , 2016, 57, 1006-1016.	4.2	45
27	Sparstolonin B suppresses lipopolysaccharide-induced inflammation in human umbilical vein endothelial cells. <i>Archives of Pharmacal Research</i> , 2013, 36, 890-896.	6.3	43
28	Antitumor activity of total flavonoids from <i>Tetrastigma hemsleyanum</i> Diels et Gilg is associated with the inhibition of regulatory T cells in mice. <i>OncoTargets and Therapy</i> , 2014, 7, 947.	2.0	43
29	Reduced Paraoxonase 1 Activity as a Marker for Severe Coronary Artery Disease. <i>Disease Markers</i> , 2013, 35, 97-103.	1.3	39
30	Kruppel-Like Factor KLF4 Facilitates Cutaneous Wound Healing by Promoting Fibrocyte Generation from Myeloid-Derived Suppressor Cells. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1425-1434.	0.7	39
31	microRNA-155 deficiency impairs dendritic cell function in breast cancer. <i>Oncolmmunology</i> , 2016, 5, e1232223.	4.6	39
32	Transcriptional factor EB regulates macrophage polarization in the tumor microenvironment. <i>Oncolmmunology</i> , 2017, 6, e1312042.	4.6	39
33	Protective effects of Sparstolonin B, a selective TLR2 and TLR4 antagonist, on mouse endotoxin shock. <i>Cytokine</i> , 2015, 75, 302-309.	3.2	37
34	miR-155 Deficient Bone Marrow Promotes Tumor Metastasis. <i>Molecular Cancer Research</i> , 2013, 11, 923-936.	3.4	35
35	Bone marrow deficiency of mRNA decaying protein Tristetraprolin increases inflammation and mitochondrial ROS but reduces hepatic lipoprotein production in LDLR knockout mice. <i>Redox Biology</i> , 2020, 37, 101609.	9.0	35
36	TRIM14 promotes endothelial activation via activating NF- κ B signaling pathway. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 176-189.	3.3	33

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37	Biomimetic Nanomedicine Coupled with Neoadjuvant Chemotherapy to Suppress Breast Cancer Metastasis via Tumor Microenvironment Remodeling. <i>Advanced Functional Materials</i> , 2021, 31, 2100262.	14.9	33
38	Sparstolonin B attenuates early liver inflammation in experimental NASH by modulating TLR4 trafficking in lipid rafts via NADPH oxidase activation. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G510-G525.	3.4	30
39	Spike protein of SARS-CoV-2 activates macrophages and contributes to induction of acute lung inflammation in male mice. <i>FASEB Journal</i> , 2021, 35, e21801.	0.5	30
40	Effects and Mechanisms of Chinese Herbal Medicine in Ameliorating Myocardial Ischemia-Reperfusion Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-14.	1.2	29
41	M1 Polarization Bias and Subsequent Nonalcoholic Steatohepatitis Progression Is Attenuated by Nitric Oxide Donor DETA NONOate via Inhibition of CYP2E1-Induced Oxidative Stress in Obese Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 352, 77-89.	2.5	27
42	Impaired Secretion of Apolipoprotein E2 from Macrophages. <i>Journal of Biological Chemistry</i> , 2007, 282, 13746-13753.	3.4	26
43	Sparstolonin B (SsnB) attenuates liver fibrosis via a parallel conjugate pathway involving P53-P21 axis, TGF-beta signaling and focal adhesion that is TLR4 dependent. <i>European Journal of Pharmacology</i> , 2018, 841, 33-48.	3.5	26
44	Overexpression of microRNA-155 enhances the efficacy of dendritic cell vaccine against breast cancer. <i>Oncotarget</i> , 2020, 9, 1724761.	4.6	26
45	Development of phenylboronic acid-functionalized nanoparticles for emodin delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3840-3847.	5.8	25
46	Adiporedoxin suppresses endothelial activation via inhibiting MAPK and NF- κ B signaling. <i>Scientific Reports</i> , 2016, 6, 38975.	3.3	23
47	Hepatic overexpression of methionine sulfoxide reductase A reduces atherosclerosis in apolipoprotein E-deficient mice. <i>Journal of Lipid Research</i> , 2015, 56, 1891-1900.	4.2	22
48	Chinese Herbal Compounds for the Prevention and Treatment of Atherosclerosis: Experimental Evidence and Mechanisms. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-15.	1.2	21
49	Sparstolonin B, a Novel Plant Derived Compound, Arrests Cell Cycle and Induces Apoptosis in N-Myc Amplified and N-Myc Nonamplified Neuroblastoma Cells. <i>PLoS ONE</i> , 2014, 9, e96343.	2.5	21
50	Nanogel-Facilitated Protein Intracellular Specific Degradation through Trim-Away. <i>Advanced Functional Materials</i> , 2021, 31, 2010556.	14.9	20
51	Sparstolonin B attenuates hypoxia-reoxygenation-induced cardiomyocyte inflammation. <i>Experimental Biology and Medicine</i> , 2014, 239, 376-384.	2.4	19
52	The Effects of Estrogen on Serum Level and Hepatocyte Expression of PCSK9. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 554-560.	3.4	19
53	Intraductal Adaptation of the 4T1 Mouse Model of Breast Cancer Reveals Effects of the Epithelial Microenvironment on Tumor Progression and Metastasis. <i>Anticancer Research</i> , 2019, 39, 2277-2287.	1.1	19
54	miR155 deficiency aggravates high-fat diet-induced adipose tissue fibrosis in male mice. <i>Physiological Reports</i> , 2017, 5, e13412.	1.7	18

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55	Safety of natural anthraquinone emodin: an assessment in mice. <i>BMC Pharmacology & Toxicology</i> , 2021, 22, 9.	2.4	18
56	MicroRNA-155 deletion promotes tumorigenesis in the azoxymethane-dextran sulfate sodium model of colon cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G347-G358.	3.4	17
57	Anticancer activity of emodin is associated with downregulation of CD155. <i>International Immunopharmacology</i> , 2019, 75, 105763.	3.8	17
58	Sparstolonin B suppresses rat vascular smooth muscle cell proliferation, migration, inflammatory response and lipid accumulation. <i>Vascular Pharmacology</i> , 2015, 67-69, 59-66.	2.1	16
59	Bone Marrow Deficiency of MCP1 Results in Severe Multi-Organ Inflammation but Diminishes Atherogenesis in Hyperlipidemic Mice. <i>PLoS ONE</i> , 2013, 8, e80089.	2.5	15
60	PEP-1-MsrA ameliorates inflammation and reduces atherosclerosis in apolipoprotein E deficient mice. <i>Journal of Translational Medicine</i> , 2015, 13, 316.	4.4	15
61	Sparstolonin B Attenuates Hypoxia-Induced Apoptosis, Necrosis and Inflammation in Cultured Rat Left Ventricular Tissue Slices. <i>Cardiovascular Drugs and Therapy</i> , 2014, 28, 433-439.	2.6	14
62	Protein markers of dysfunctional HDL in scavenger receptor class B type I deficient mice. <i>Journal of Translational Medicine</i> , 2018, 16, 155.	4.4	14
63	Deficiency of KLF4 compromises the lung function in an acute mouse model of allergic asthma. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 598-603.	2.1	13
64	A human apolipoprotein E mimetic peptide reduces atherosclerosis in aged apolipoprotein E null mice. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 3482-92.	0.0	13
65	MiR155 modulates vascular calcification by regulating Akt-FOXO3a signalling and apoptosis in vascular smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 535-548.	3.6	12
66	Identification and Biosynthesis of Pro-Inflammatory Sulfonolipids from an Opportunistic Pathogen <i>Chryseobacterium gleum</i> . <i>ACS Chemical Biology</i> , 2022, 17, 1197-1206.	3.4	12
67	Impact of weight loss and partial weight regain on immune cell and inflammatory markers in adipose tissue in male mice. <i>Journal of Applied Physiology</i> , 2020, 129, 909-919.	2.5	11
68	Effects of emodin, a plant-derived anthraquinone, on TGF- β 1-induced cardiac fibroblast activation and function. <i>Journal of Cellular Physiology</i> , 2021, 236, 7440-7449.	4.1	11
69	High-fat diet-fed ovariectomized mice are susceptible to accelerated subcutaneous tumor growth potentially through adipose tissue inflammation, local insulin-like growth factor release, and tumor associated macrophages. <i>Oncotarget</i> , 2020, 11, 4554-4569.	1.8	11
70	Macrophage-derived apoE ^{Sendo} suppresses atherosclerosis while causing lipoprotein glomerulopathy in hyperlipidemic mice. <i>Journal of Lipid Research</i> , 2014, 55, 2073-2081.	4.2	8
71	Overexpression of Smac by an Armed Vesicular Stomatitis Virus Overcomes Tumor Resistance. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 188-195.	4.4	8
72	Emodin reduces tumor burden by diminishing M2-like macrophages in colorectal cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G383-G395.	3.4	8

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73	Therapeutic Potential of Emodin for Gastrointestinal Cancers. <i>Integrative Cancer Therapies</i> , 2022, 21, 153473542110674.	2.0	7
74	Complete 1H, 15N, and 13C assignments of an exchangeable apolipoprotein, <i>Locusta migratoria</i> apolipoprotein III. <i>Journal of Biomolecular NMR</i> , 2001, 19, 83-84.	2.8	5
75	Modulation of the tumor microenvironment by armed vesicular stomatitis virus in a syngeneic pancreatic cancer model. <i>Virology Journal</i> , 2022, 19, 32.	3.4	4
76	Discovery of anti-infective adipostatins through bioactivity-guided isolation and heterologous expression of a type III polyketide synthase. <i>Bioorganic Chemistry</i> , 2021, 112, 104925.	4.1	3
77	Biofabrication of Dynamic, 3-Dimensional, In vitro Models of Disease. <i>Microscopy and Microanalysis</i> , 2015, 21, 619-620.	0.4	2
78	Design and Fabrication of a Three-Dimensional In Vitro Model of Vascular Stenosis. <i>Microscopy and Microanalysis</i> , 2016, 22, 1766-1767.	0.4	1
79	Emodin, a natural anthraquinone, may help protect gastrointestinal health during chemotherapy treatment by decreasing inflammation of the gastric mucosa and preserving gut morphology. <i>FASEB Journal</i> , 2019, 33, 368.2.	0.5	1
80	Emodin Administration Depolarizes Tumor Associated M2 Type Macrophages in the Colorectal Cancer Tumor Microenvironment. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
81	Tumor Microenvironment Remodeling: Biomimetic Nanomedicine Coupled with Neoadjuvant Chemotherapy to Suppress Breast Cancer Metastasis via Tumor Microenvironment Remodeling (Adv.) <i>Tj ETQq1 1 0.784314 mgBT /Over</i>	0.4	0
82	Abstract 479: Expression of ApoE-sendai by Macrophages Causes Lipoprotein Glomerulopathy While Suppressing Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	2.4	0
83	Abstract 123: Reciprocal Regulation of Plasma PCSK9 and Cell-surface Low-density Lipoprotein Receptor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	2.4	0