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	Therapeutic Potential of Emodin for Gastrointestinal Cancers. Integrative Cancer Therapies, 2022, 21, 153473542110674.	2.0	7
2	Emodin reduces tumor burden by diminishing M2-like macrophages in colorectal cancer. American Journal of Physiology - Renal Physiology, 2022, 322, G383-G395.	3.4	8
3	Modulation of the tumor microenvironment by armed vesicular stomatitis virus in a syngeneic pancreatic cancer model. Virology Journal, 2022, 19, 32.	3.4	4
4	Identification and Biosynthesis of Pro-Inflammatory Sulfonolipids from an Opportunistic Pathogen Chryseobacterium gleum. ACS Chemical Biology, 2022, 17, 1197-1206.	3.4	12
5	MiR155 modulates vascular calcification by regulating Aktâ€FOXO3a signalling and apoptosis in vascular smooth muscle cells. Journal of Cellular and Molecular Medicine, 2021, 25, 535-548.	3.6	12
6	Safety of natural anthraquinone emodin: an assessment in mice. BMC Pharmacology & Toxicology, 2021, 22, 9.	2.4	18
7	Biomimetic Nanomedicine Coupled with Neoadjuvant Chemotherapy to Suppress Breast Cancer Metastasis via Tumor Microenvironment Remodeling. Advanced Functional Materials, 2021, 31, 2100262.	14.9	33
8	Nanogelâ€Facilitated Protein Intracellular Specific Degradation through Trimâ€Away. Advanced Functional Materials, 2021, 31, 2010556.	14.9	20
9	Effects of emodin, a plantâ€derived anthraquinone, on TGFâ€Î²1â€induced cardiac fibroblast activation and function. Journal of Cellular Physiology, 2021, 236, 7440-7449.	4.1	11
10	Emodin Administration Depolarizes Tumor Associated M2â€Type Macrophages in the Colorectal Cancer Tumor Microenvironment. FASEB Journal, 2021, 35, .	0.5	0
11	Tumor Microenvironment Remodeling: Biomimetic Nanomedicine Coupled with Neoadjuvant Chemotherapy to Suppress Breast Cancer Metastasis via Tumor Microenvironment Remodeling (Adv.) Tj ETQq1 1 0.784314 rgBT /Overlo	17.4	
12	Discovery of anti-infective adipostatins through bioactivity-guided isolation and heterologous expression of a type III polyketide synthase. Bioorganic Chemistry, 2021, 112, 104925.	4.1	3
13	Spike protein of SARSâ€CoVâ€2 activates macrophages and contributes to induction of acute lung inflammation in male mice. FASEB Journal, 2021, 35, e21801.	0.5	30
14	TRIM14 promotes endothelial activation via activating NF-Îº B signaling pathway. Journal of Molecular Cell Biology, 2020, 12, 176-189.	3.3	33
15	Macrophage miR-34a Is a Key Regulator of Cholesterol Efflux and Atherosclerosis. Molecular Therapy, 2020, 28, 202-216.	8.2	75
16	Emodin reduces Breast Cancer Lung Metastasis by suppressing Macrophage-induced Breast Cancer Cell Epithelial-mesenchymal transition and Cancer Stem Cell formation. Theranostics, 2020, 10, 8365-8381.	10.0	70
17	Impact of weight loss and partial weight regain on immune cell and inflammatory markers in adipose tissue in male mice. Journal of Applied Physiology, 2020, 129, 909-919.	2.5	11
18	TFEB is a master regulator of tumor-associated macrophages in breast cancer. , 2020, 8, e000543.		50

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19	Cholesterol: A new game player accelerating vasculopathy caused by SARS-CoV-2?. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E197-E202.	3.5	47
20	Bone marrow deficiency of mRNA decaying protein Tristetraprolin increases inflammation and mitochondrial ROS but reduces hepatic lipoprotein production in LDLR knockout mice. Redox Biology, 2020, 37, 101609.	9.0	35
21	Overexpression of microRNA-155 enhances the efficacy of dendritic cell vaccine against breast cancer. OncoImmunology, 2020, 9, 1724761.	4.6	26
22	High-protein diets increase cardiovascular risk by activating macrophage mTOR to suppress mitophagy. Nature Metabolism, 2020, 2, 110-125.	11.9	85
23	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. Oncotarget, 2020, 11, 4554-4569.	1.8	11
24	Anticancer activity of emodin is associated with downregulation of CD155. International Immunopharmacology, 2019, 75, 105763.	3.8	17
25	Overexpression of Smac by an Armed Vesicular Stomatitis Virus Overcomes Tumor Resistance. Molecular Therapy - Oncolytics, 2019, 14, 188-195.	4.4	8
26	Intraductal Adaptation of the 4T1 Mouse Model of Breast Cancer Reveals Effects of the Epithelial Microenvironment on Tumor Progression and Metastasis. Anticancer Research, 2019, 39, 2277-2287.	1.1	19
27	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. Frontiers in Immunology, 2019, 10, 2612.	4.8	50
28	Emodin, a natural anthraquinone, may help protect gastrointestinal health during chemotherapy treatment by decreasing inflammation of the gastric mucosa and preserving gut morphology. FASEB Journal, 2019, 33, 368.2.	0.5	1
29	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. European Journal of Pharmacology, 2018, 841, 33-48.	3.5	26
30	Protein markers of dysfunctional HDL in scavenger receptor class B type I deficient mice. Journal of Translational Medicine, 2018, 16, 155.	4.4	14
31	Transcriptional factor EB regulates macrophage polarization in the tumor microenvironment. OncoImmunology, 2017, 6, e1312042.	4.6	39
32	Exploiting macrophage autophagy-lysosomal biogenesis as a therapy for atherosclerosis. Nature Communications, 2017, 8, 15750.	12.8	258
33	miR155 deficiency aggravates high-fat diet-induced adipose tissue fibrosis in male mice. Physiological Reports, 2017, 5, e13412.	1.7	18
34	Deficiency of KLF4 compromises the lung function in an acute mouse model of allergic asthma. Biochemical and Biophysical Research Communications, 2017, 493, 598-603.	2.1	13
35	Central role of myeloid MCPIP1 in protecting against LPS-induced inflammation and lung injury. Signal Transduction and Targeted Therapy, 2017, 2, 17066.	17.1	48
36	Design and Fabrication of a Three-Dimensional In Vitro Model of Vascular Stenosis. Microscopy and Microanalysis, 2016, 22, 1766-1767.	0.4	1

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37	Adiporedoxin suppresses endothelial activation via inhibiting MAPK and NF-Î²B signaling. Scientific Reports, 2016, 6, 38975.	3.3	23
38	Sparstolonin B attenuates early liver inflammation in experimental NASH by modulating TLR4 trafficking in lipid rafts via NADPH oxidase activation. American Journal of Physiology - Renal Physiology, 2016, 310, G510-G525.	3.4	30
39	Emodin Inhibits Breast Cancer Growth by Blocking the Tumor-Promoting Feedforward Loop between Cancer Cells and Macrophages. Molecular Cancer Therapeutics, 2016, 15, 1931-1942.	4.1	70
40	Emodin Bidirectionally Modulates Macrophage Polarization and Epigenetically Regulates Macrophage Memory. Journal of Biological Chemistry, 2016, 291, 11491-11503.	3.4	59
41	Ursolic acid enhances macrophage autophagy and attenuates atherogenesis. Journal of Lipid Research, 2016, 57, 1006-1016.	4.2	45
42	Local effects of human <scp>PCSK9</scp> on the atherosclerotic lesion. Journal of Pathology, 2016, 238, 52-62.	4.5	143
43	microRNA-155 deficiency impairs dendritic cell function in breast cancer. OncoImmunology, 2016, 5, e1232223.	4.6	39
44	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
45	MicroRNA-155 deletion promotes tumorigenesis in the azoxymethane-dextran sulfate sodium model of colon cancer. American Journal of Physiology - Renal Physiology, 2016, 310, G347-G358.	3.4	17
46	A human apolipoprotein E mimetic peptide reduces atherosclerosis in aged apolipoprotein E null mice. American Journal of Translational Research (discontinued), 2016, 8, 3482-92.	0.0	13
47	Micro<scp>RNA</scp>â€155 deficiency enhances the recruitment and functions of myeloidâ€derived suppressor cells in tumor microenvironment and promotes solid tumor growth. International Journal of Cancer, 2015, 136, E602-13.	5.1	91
48	PEP-1-MsrA ameliorates inflammation and reduces atherosclerosis in apolipoprotein E deficient mice. Journal of Translational Medicine, 2015, 13, 316.	4.4	15
49	Chinese Herbal Compounds for the Prevention and Treatment of Atherosclerosis: Experimental Evidence and Mechanisms. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-15.	1.2	21
50	Hepatic overexpression of methionine sulfoxide reductase A reduces atherosclerosis in apolipoprotein E-deficient mice. Journal of Lipid Research, 2015, 56, 1891-1900.	4.2	22
51	Protective effects of Sparstolonin B, a selective TLR2 and TLR4 antagonist, on mouse endotoxin shock. Cytokine, 2015, 75, 302-309.	3.2	37
52	HOXB7 Promotes Malignant Progression by Activating the TGFÎ² Signaling Pathway. Cancer Research, 2015, 75, 709-719.	0.9	54
53	Kruppel-Like Factor KLF4 Facilitates Cutaneous Wound Healing by Promoting Fibrocyte Generation from Myeloid-Derived Suppressor Cells. Journal of Investigative Dermatology, 2015, 135, 1425-1434.	0.7	39
54	Development of phenylboronic acid-functionalized nanoparticles for emodin delivery. Journal of Materials Chemistry B, 2015, 3, 3840-3847.	5.8	25

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55	The Effects of Estrogen on Serum Level and Hepatocyte Expression of PCSK9. Metabolism: Clinical and Experimental, 2015, 64, 554-560.	3.4	19
56	Sparstolonin B suppresses rat vascular smooth muscle cell proliferation, migration, inflammatory response and lipid accumulation. Vascular Pharmacology, 2015, 67-69, 59-66.	2.1	16
57	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. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 77-89.	2.5	27
58	Biofabrication of Dynamic, 3-Dimensional, In vitro Models of Disease. Microscopy and Microanalysis, 2015, 21, 619-620.	0.4	2
59	Emodin suppresses pulmonary metastasis of breast cancer accompanied with decreased macrophage recruitment and M2 polarization in the lungs. Breast Cancer Research and Treatment, 2014, 148, 291-302.	2.5	80
60	Sparstolonin B Attenuates Hypoxia-Induced Apoptosis, Necrosis and Inflammation in Cultured Rat Left Ventricular Tissue Slices. Cardiovascular Drugs and Therapy, 2014, 28, 433-439.	2.6	14
61	Sparstolonin B attenuates hypoxiaâ€“reoxygenation-induced cardiomyocyte inflammation. Experimental Biology and Medicine, 2014, 239, 376-384.	2.4	19
62	MicroRNA-155 Deficiency Results in Decreased Macrophage Inflammation and Attenuated Atherogenesis in Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 759-767.	2.4	179
63	Emodin attenuates systemic and liver inflammation in hyperlipidemic mice administrated with lipopolysaccharides. Experimental Biology and Medicine, 2014, 239, 1025-1035.	2.4	48
64	Macrophage-derived apoESendai suppresses atherosclerosis while causing lipoprotein glomerulopathy in hyperlipidemic mice. Journal of Lipid Research, 2014, 55, 2073-2081.	4.2	8
65	miRâ€155 deficiency protects mice from experimental colitis by reducing T helper type 1/type 17 responses. Immunology, 2014, 143, 478-489.	4.4	115
66	Sparstolonin B, a Novel Plant Derived Compound, Arrests Cell Cycle and Induces Apoptosis in N-Myc Amplified and N-Myc Nonamplified Neuroblastoma Cells. PLoS ONE, 2014, 9, e96343.	2.5	21
67	Antitumor activity of total flavonoids from Tetrastigma hemsleyanum Diels et Gilg is associated with the inhibition of regulatory T cells in mice. OncoTargets and Therapy, 2014, 7, 947.	2.0	43
68	Sparstolonin B suppresses lipopolysaccharide-induced inflammation in human umbilical vein endothelial cells. Archives of Pharmacal Research, 2013, 36, 890-896.	6.3	43
69	Ursolic acid promotes cancer cell death by inducing Atg5â€dependent autophagy. International Journal of Cancer, 2013, 133, 2781-2790.	5.1	85
70	Reduced Paraoxonase 1 Activity as a Marker for Severe Coronary Artery Disease. Disease Markers, 2013, 35, 97-103.	1.3	39
71	Effects and Mechanisms of Chinese Herbal Medicine in Ameliorating Myocardial Ischemia-Reperfusion Injury. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-14.	1.2	29
72	miR-155â€“Deficient Bone Marrow Promotes Tumor Metastasis. Molecular Cancer Research, 2013, 11, 923-936.	3.4	35

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73	Bone Marrow Deficiency of MCPIP1 Results in Severe Multi-Organ Inflammation but Diminishes Atherogenesis in Hyperlipidemic Mice. PLoS ONE, 2013, 8, e80089.	2.5	15
74	Abstract 479: Expression of ApoE-sendai by Macrophages Causes Lipoprotein Glomerulopathy While Suppressing Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	2.4	0
75	Abstract 123: Reciprocal Regulation of Plasma PCSK9 and Cell-surface Low-density Lipoprotein Receptor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	2.4	0
76	The putative tumor suppressor Zc3h12d modulates toll-like receptor signaling in macrophages. Cellular Signalling, 2012, 24, 569-576.	3.6	52
77	Low-Density Lipoprotein Receptorâ€"Related Protein 1 Prevents Early Atherosclerosis by Limiting Lesional Apoptosis and Inflammatory Ly-6C^{high}Monocytosis. Circulation, 2011, 124, 454-464.	1.6	66
78	Monocyte Chemotactic Protein-induced Protein 1 (MCPIP1) Suppresses Stress Granule Formation and Determines Apoptosis under Stress. Journal of Biological Chemistry, 2011, 286, 41692-41700.	3.4	46
79	Characterization of Sparstolonin B, a Chinese Herb-derived Compound, as a Selective Toll-like Receptor Antagonist with Potent Anti-inflammatory Properties. Journal of Biological Chemistry, 2011, 286, 26470-26479.	3.4	111
80	Self-Association of Human PCSK9 Correlates with Its LDLR-Degrading Activity. Biochemistry, 2008, 47, 1631-1639.	2.5	91
81	Impaired Secretion of Apolipoprotein E2 from Macrophages. Journal of Biological Chemistry, 2007, 282, 13746-13753.	3.4	26
82	NMR Solution Structure and Dynamics of an Exchangeable Apolipoprotein, Locusta migratoria Apolipophorin III. Journal of Biological Chemistry, 2003, 278, 21212-21220.	3.4	47
83	Complete 1H, 15N, and 13C assignments of an exchangeable apolipoprotein, Locusta migratoria apolipophorin III. Journal of Biomolecular NMR, 2001, 19, 83-84.	2.8	5