

Jia Sun

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

2,842
citations

31
h-index

50
g-index

117
ext. papers

3,549
ext. citations

5.7
avg, IF

5.03
L-index

#	Paper	IF	Citations
111	Endogenous cathelicidin is required for protection against ZIKV-caused testis damage via inactivating virions.. <i>Antiviral Research</i> , 2022 , 198, 105248	10.8	1
110	LSD1 downregulates p21 expression in vascular smooth muscle cells and promotes neointima formation.. <i>Biochemical Pharmacology</i> , 2022 , 198, 114947	6	1
109	Macrophage immunometabolism in inflammatory bowel diseases: From pathogenesis to therapy.. <i>Pharmacology & Therapeutics</i> , 2022 , 108176	13.9	0
108	PRMT5 critically mediates TMAO-induced inflammatory response in vascular smooth muscle cells.. <i>Cell Death and Disease</i> , 2022 , 13, 299	9.8	6
107	Cathelicidin-related antimicrobial peptide protects against enteric pathogen-accelerated type 1 diabetes in mice.. <i>Theranostics</i> , 2022 , 12, 3438-3455	12.1	0
106	Intestinal Cathelicidin Antimicrobial Peptide Shapes a Protective Neonatal Gut Microbiota against Pancreatic Autoimmunity.. <i>Gastroenterology</i> , 2021 ,	13.3	4
105	Protein arginine methyltransferase 2 (PRMT2) promotes dextran sulfate sodium-induced colitis by inhibiting the SOCS3 promoter via histone H3R8 asymmetric dimethylation. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	1
104	A Novel Resveratrol Analog Upregulates SIRT1 Expression and Ameliorates Neointima Formation. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 756098	5.4	0
103	Gut microbiota in pancreatic diseases: possible new therapeutic strategies. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 1027-1039	8	5
102	GPR109A deficiency promotes IL-33 overproduction and type 2 immune response in food allergy in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2613-2616	9.3	1
101	Prostaglandin E attenuates macrophage-associated inflammation and prostate tumour growth by modulating polarization. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 5586-5601	5.6	5
100	Gut microbiota-CRAMP axis shapes intestinal barrier function and immune responses in dietary gluten-induced enteropathy. <i>EMBO Molecular Medicine</i> , 2021 , 13, e14059	12	2
99	Non-surgical periodontal treatment improves rheumatoid arthritis disease activity: a meta-analysis. <i>Clinical Oral Investigations</i> , 2021 , 25, 4975-4985	4.2	7
98	Early-life fingolimod treatment improves intestinal homeostasis and pancreatic immune tolerance in non-obese diabetic mice. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 1620-1629	8	3
97	Altered gut microbiota correlate with different immune responses to HAART in HIV-infected individuals. <i>BMC Microbiology</i> , 2021 , 21, 11	4.5	9
96	CRAMP-encoding <i>Lactobacillus plantarum</i> FCQHC24 attenuates experimental colitis in mice. <i>Food Bioscience</i> , 2021 , 42, 101111	4.9	1
95	Intestinal expression of ACE2 in mice with high-fat diet-induced obesity and neonates exposed to maternal high-fat diet. <i>Nutrition</i> , 2021 , 90, 111226	4.8	1

94	Differential changes in the pharmacokinetics of doxorubicin in diethylnitrosamine-induced hepatocarcinoma model rats. <i>Xenobiotica</i> , 2020 , 50, 1251-1257	2	4
93	Cathelicidin Modulates Vascular Smooth Muscle Cell Phenotypic Switching through ROS/IL-6 Pathway. <i>Antioxidants</i> , 2020 , 9,	7.1	8
92	Butyrate Ameliorates Antibiotic-Driven Type 1 Diabetes in the Female Offspring of Nonobese Diabetic Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 3112-3120	5.7	4
91	Cathelicidin-related antimicrobial peptide protects against ischaemia reperfusion-induced acute kidney injury in mice. <i>British Journal of Pharmacology</i> , 2020 , 177, 2726-2742	8.6	17
90	Enteral virus depletion modulates experimental acute pancreatitis via toll-like receptor 9 signaling. <i>Biochemical Pharmacology</i> , 2020 , 171, 113710	6	1
89	Lysine-specific demethylase-1 regulates fibroblast activation in pulmonary fibrosis via TGF- β /Smad3 pathway. <i>Pharmacological Research</i> , 2020 , 152, 104592	10.2	17
88	Glutathione S-transferases P1-mediated interleukin-6 in tumor-associated macrophages augments drug-resistance in MCF-7 breast cancer. <i>Biochemical Pharmacology</i> , 2020 , 182, 114289	6	11
87	The anti-microbial peptide LL-37/CRAMP levels are associated with acute heart failure and can attenuate cardiac dysfunction in multiple preclinical models of heart failure. <i>Theranostics</i> , 2020 , 10, 6167-6181	12.1	17
86	The Effect of Rev-erb α Agonist SR9011 on the Immune Response and Cell Metabolism of Microglia. <i>Frontiers in Immunology</i> , 2020 , 11, 550145	8.4	6
85	A novel danshensu derivative ameliorates experimental colitis by modulating NADPH oxidase 4-dependent NLRP3 inflammasome activation. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 12955-12969	5.6	39
84	Combinatory antibiotic treatment protects against experimental acute pancreatitis by suppressing gut bacterial translocation to pancreas and inhibiting NLRP3 inflammasome pathway. <i>Innate Immunity</i> , 2020 , 26, 48-61	2.7	10
83	Clostridium butyricum Strains Suppress Experimental Acute Pancreatitis by Maintaining Intestinal Homeostasis. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801419	5.9	15
82	Effect of Different Cereal Peptides on the Development of Type 1 Diabetes is Associated with Their Anti-inflammatory Ability: In Vitro and In Vivo Studies. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800987	5.9	8
81	Genomic Characterization of a Novel HIV-1 Second-Generation Recombinant Form (CRF01_AE/07_BC) from a Married Man Who Has Sex with Men in Zhejiang, China. <i>AIDS Research and Human Retroviruses</i> , 2019 , 35, 583-587	1.6	
80	Alterations of Gut Microbiota and Blood Lipidome in Gestational Diabetes Mellitus With Hyperlipidemia. <i>Frontiers in Physiology</i> , 2019 , 10, 1015	4.6	35
79	Low Methoxyl Pectin Protects against Autoimmune Diabetes and Associated Caecal Dysfunction. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900307	5.9	13
78	Modulation of Gut Microbiota by Low Methoxyl Pectin Attenuates Type 1 Diabetes in Non-obese Diabetic Mice. <i>Frontiers in Immunology</i> , 2019 , 10, 1733	8.4	36
77	Butyrate ameliorates caerulein-induced acute pancreatitis and associated intestinal injury by tissue-specific mechanisms. <i>British Journal of Pharmacology</i> , 2019 , 176, 4446-4461	8.6	35

76	Pterostilbene Attenuates Experimental Atherosclerosis through Restoring Catalase-Mediated Redox Balance in Vascular Smooth Muscle Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 12752-12760	5.7	8
75	Cathelicidin-related antimicrobial peptide protects against myocardial ischemia/reperfusion injury. <i>BMC Medicine</i> , 2019 , 17, 42	11.4	29
74	Lactose Induces Phenotypic and Functional Changes of Neutrophils and Macrophages to Alleviate Acute Pancreatitis in Mice. <i>Frontiers in Immunology</i> , 2018 , 9, 751	8.4	16
73	Near Full-Length Genome Sequence of a Novel HIV-1 Recombinant Form (CRF01_AE/07_BC) Detected Among Men Who Have Sex with Men in Zhejiang, China. <i>AIDS Research and Human Retroviruses</i> , 2018 ,	1.6	4
72	The Antimicrobial Peptide Cathelicidin protects against ischemia reperfusion-induced acute kidney injury. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO1-3-7 ⁰		
71	Low esterified pectin protects from type 1 diabetes by reducing NLRP3 inflammasome activation, maintaining intestinal barrier integrity and by maintaining prediabetic microbiota compositions in NOD mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO1-1-10	0	
70	A Novel Derivative of the Natural Product Danshensu Suppresses Inflammatory Responses to Alleviate Caerulein-Induced Acute Pancreatitis. <i>Frontiers in Immunology</i> , 2018 , 9, 2513	8.4	14
69	Butyrylcholinesterase Levels on Admission Predict Severity and 12-Month Mortality in Hospitalized AIDS Patients. <i>Mediators of Inflammation</i> , 2018 , 2018, 5201652	4.3	2
68	The application of time decay characteristics of laser-induced fluorescence in the classification of vegetation. <i>Luminescence</i> , 2017 , 32, 17-21	2.5	
67	Specific inulin-type fructan fibers protect against autoimmune diabetes by modulating gut immunity, barrier function, and microbiota homeostasis. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1601006	5.9	89
66	Low-methoxyl lemon pectin attenuates inflammatory responses and improves intestinal barrier integrity in caerulein-induced experimental acute pancreatitis. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600885	5.9	41
65	Nuclear Factor of Activated T Cells and Cytokines Gene Expression of the T Cells in AIDS Patients with Immune Reconstitution Inflammatory Syndrome during Highly Active Antiretroviral Therapy. <i>Mediators of Inflammation</i> , 2017 , 2017, 1754741	4.3	4
64	Anti-diabetic Effects of Clostridium butyricum CGMCC0313.1 through Promoting the Growth of Gut Butyrate-producing Bacteria in Type 2 Diabetic Mice. <i>Scientific Reports</i> , 2017 , 7, 7046	4.9	71
63	The characterization of plant species using first-derivative fluorescence spectra. <i>Luminescence</i> , 2017 , 32, 348-352	2.5	1
62	Recent Advances on Nutrition in Treatment of Acute Pancreatitis. <i>Frontiers in Immunology</i> , 2017 , 8, 762	8.4	22
61	Inulin-Type Fructans Modulates Pancreatic-Gut Innate Immune Responses and Gut Barrier Integrity during Experimental Acute Pancreatitis in a Chain Length-Dependent Manner. <i>Frontiers in Immunology</i> , 2017 , 8, 1209	8.4	29
60	CGMCC0313.1 Protects against Autoimmune Diabetes by Modulating Intestinal Immune Homeostasis and Inducing Pancreatic Regulatory T Cells. <i>Frontiers in Immunology</i> , 2017 , 8, 1345	8.4	51
59	Biomarkers of Cardiovascular Disease and Mortality Risk in Patients with Advanced CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016 , 11, 1163-72	6.9	91

58	Changes in oxidative patterns during dormancy break by warm and cold stratification in seeds of an edible fruit tree. <i>AoB PLANTS</i> , 2016 , 8,	2.9	5
57	Excitation Wavelength Analysis of Laser-Induced Fluorescence LiDAR for Identifying Plant Species. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016 , 13, 977-981	4.1	7
56	Laser-induced fluorescence characteristics of vegetation by a new excitation wavelength. <i>Spectroscopy Letters</i> , 2016 , 49, 263-267	1.1	13
55	Therapeutic implications of innate immune system in acute pancreatitis. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 73-87	6.4	27
54	SCF(Fbxo22)-KDM4A targets methylated p53 for degradation and regulates senescence. <i>Nature Communications</i> , 2016 , 7, 10574	17.4	55
53	Multi-dimensional, comprehensive sample extraction combined with LC-GC/MS analysis for complex biological samples: application in the metabolomics study of acute pancreatitis. <i>RSC Advances</i> , 2016 , 6, 25837-25849	3.7	13
52	Cathelicidins positively regulate pancreatic β cell functions. <i>FASEB Journal</i> , 2016 , 30, 884-94	0.9	14
51	<i>Binariimonas pacifica</i> gen. nov., sp. nov., a Novel Marine Bacterium of Family Sphingomonadaceae Isolated from East Pacific Ocean Surface Seawater. <i>Current Microbiology</i> , 2016 , 72, 276-81	2.4	1
50	Plasma Pentosidine and Its Association with Mortality in Patients with Chronic Kidney Disease. <i>PLoS ONE</i> , 2016 , 11, e0163826	3.7	22
49	Plasma IL-6/IL-10 Ratio and IL-8, LDH, and HBDH Level Predict the Severity and the Risk of Death in AIDS Patients with Pneumocystis Pneumonia. <i>Journal of Immunology Research</i> , 2016 , 2016, 1583951	4.5	29
48	Herb-Drug Interaction: Effects of Relinqing \square Granule on the Pharmacokinetics of Ciprofloxacin, Sulfamethoxazole, and Trimethoprim in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 6194206	2.3	4
47	Sulforaphane Protects Pancreatic Acinar Cell Injury by Modulating Nrf2-Mediated Oxidative Stress and NLRP3 Inflammatory Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 7864150	6.7	52
46	<i>Clostridium Butyricum</i> CGMCC0313.1 Modulates Lipid Profile, Insulin Resistance and Colon Homeostasis in Obese Mice. <i>PLoS ONE</i> , 2016 , 11, e0154373	3.7	41
45	Estimating the leaf nitrogen content of paddy rice by using the combined reflectance and laser-induced fluorescence spectra. <i>Optics Express</i> , 2016 , 24, 19354-65	3.3	11
44	Cathelicidin-related antimicrobial peptide modulates the severity of acute pancreatitis in mice. <i>Molecular Medicine Reports</i> , 2016 , 13, 3881-5	2.9	14
43	Adiponectin potentiates the acute effects of leptin in arcuate Pomc neurons. <i>Molecular Metabolism</i> , 2016 , 5, 882-891	8.8	40
42	<i>Aceticoccus yangtzensis</i> gen. nov., sp. nov., a novel member in the family Rhodobacteraceae, isolated from the surface water of the Yangtze Estuary. <i>Current Microbiology</i> , 2015 , 70, 176-82	2.4	11
41	Genome sequence of aerobic anoxygenic phototrophic bacterium <i>Erythrobacter</i> sp. JL475, isolated from the South China Sea. <i>Marine Genomics</i> , 2015 , 21, 15-6	1.9	1

40	Pancreatic β Cells Limit Autoimmune Diabetes via an Immunoregulatory Antimicrobial Peptide Expressed under the Influence of the Gut Microbiota. <i>Immunity</i> , 2015 , 43, 304-17	32.3	177
39	Somatic POLE mutations cause an ultramutated giant cell high-grade glioma subtype with better prognosis. <i>Neuro-Oncology</i> , 2015 , 17, 1356-64	1	76
38	In vivo Rac/Rop localization as well as interaction with RhoGAP and RhoGDI in tobacco pollen tubes: analysis by low-level expression of fluorescent fusion proteins and bimolecular fluorescence complementation. <i>Plant Journal</i> , 2015 , 84, 83-98	6.9	16
37	Design and application of a novel ionic liquid with the property of strengthening coenzyme regeneration for whole-cell bioreduction in an ionic liquid-distilled water medium. <i>Bioresource Technology</i> , 2015 , 175, 42-50	11	16
36	Investigating the Potential of Using the Spatial and Spectral Information of Multispectral LiDAR for Object Classification. <i>Sensors</i> , 2015 , 15, 21989-2002	3.8	23
35	Inhibitory effects of tannic acid in the early stage of 3T3-L1 preadipocytes differentiation by down-regulating PPAR α expression. <i>Food and Function</i> , 2015 , 6, 894-901	6.1	17
34	Ponticoccus lacteus sp. nov. of the family Rhodobacteraceae, isolated from surface seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1247-1250	2.2	12
33	Coalition Against Major Diseases/European Medicines Agency biomarker qualification of hippocampal volume for enrichment of clinical trials in predementia stages of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014 , 10, 421-429.e3	1.2	66
32	Organic field-effect transistor and its photoresponse using a benzo[1,2-b:4,5-b']difuran-based donor-acceptor conjugated polymer. <i>Organic Electronics</i> , 2014 , 15, 1050-1055	3.5	58
31	RISAP is a TGN-associated RAC5 effector regulating membrane traffic during polar cell growth in tobacco. <i>Plant Cell</i> , 2014 , 26, 4426-47	11.6	38
30	Substance P at the neuro-immune crosstalk in the modulation of inflammation, asthma and antimicrobial host defense. <i>Inflammation and Allergy: Drug Targets</i> , 2014 , 13, 112-20		18
29	Pelagibacterium nitratireducens sp.nov., a marine Alphaproteobacterium isolated from the East China Sea. <i>Current Microbiology</i> , 2013 , 66, 450-5	2.4	9
28	Observations of Autler-Townes spatial splitting of four-wave mixing image. <i>Applied Physics B: Lasers and Optics</i> , 2013 , 112, 267-278	1.9	1
27	Dressed Four-Wave Mixing From Upper Branch in a Sodium Atomic Vapor. <i>IEEE Journal of Quantum Electronics</i> , 2013 , 49, 122-126	2	2
26	Subscale validation of the neuropsychiatric inventory questionnaire: comparison of Alzheimer's disease neuroimaging initiative and national Alzheimer's coordinating center cohorts. <i>American Journal of Geriatric Psychiatry</i> , 2013 , 21, 607-22	6.5	33
25	Investigation of odd-order nonlinear susceptibilities in atomic vapors. <i>Annals of Physics</i> , 2013 , 333, 307-323	3	4
24	Controlling the transition of bright and dark states via scanning dressing field. <i>Optical Materials</i> , 2013 , 35, 1062-1070	3.3	20
23	Comparison of dressed probe transmission, four-wave mixing, and fluorescence in multilevel systems. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013 , 30, 1885	1.7	

22	Spatial Four Wave Mixing, Probe Images, and Fluorescence Signals in Dressed Three-Level System. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 104401	1.5	5
21	Iron-catalysed tandem cross-dehydrogenative coupling (CDC) of terminal allylic C(sp ³) to C(sp ²) of styrene and benzoannulation in the synthesis of polysubstituted naphthalenes. <i>Chemical Communications</i> , 2012 , 48, 2674-6	5.8	33
20	Observation of Angle Switching of Dressed Four-Wave Mixing Image. <i>IEEE Photonics Journal</i> , 2012 , 4, 1973-1986	1.8	9
19	Spatial interplay of two four-wave mixing images. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 3015	1.7	1
18	Structural bases of dimerization of yeast telomere protein Cdc13 and its interaction with the catalytic subunit of DNA polymerase β . <i>Cell Research</i> , 2011 , 21, 258-74	24.7	55
17	PKC δ mediates pro-inflammatory responses in a mouse model of caerulein-induced acute pancreatitis. <i>Journal of Molecular Medicine</i> , 2010 , 88, 1055-63	5.5	22
16	Hydrogen sulfide induces ICAM-1 expression and neutrophil adhesion to caerulein-treated pancreatic acinar cells through NF-kappaB and Src-family kinases pathway. <i>Experimental Cell Research</i> , 2010 , 316, 1625-36	4.2	50
15	Air-Operable, High-Mobility Organic Transistors with Semifluorinated Side Chains and Unsubstituted Naphthalenetetracarboxylic Diimide Cores: High Mobility and Environmental and Bias Stress Stability from the Perfluorooctylpropyl Side Chain. <i>Advanced Functional Materials</i> , 2010 , 20, 2888-2901	15.6	60
14	Effect of hydrogen sulfide on the phosphatidylinositol 3-kinase-protein kinase B pathway and on caerulein-induced cytokine production in isolated mouse pancreatic acinar cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 1166-77	4.7	37
13	Role of protein kinase C and phosphoinositide 3-kinase-Akt in substance P-induced proinflammatory pathways in mouse macrophages. <i>FASEB Journal</i> , 2009 , 23, 997-1010	0.9	41
12	Involvement of SRC family kinases in substance P-induced chemokine production in mouse pancreatic acinar cells and its significance in acute pancreatitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 418-28	4.7	28
11	Role of Protein Kinase C and Phosphoinositide 3-Kinase-Akt in Substance P-Induced Proinflammatory Pathways in Mouse Macrophages. <i>FASEB Journal</i> , 2009 , 23, 762.2	0.9	
10	Role of PKC-delta on substance P-induced chemokine synthesis in pancreatic acinar cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 294, C683-92	5.4	31
9	Substance P enhances NF-kappaB transactivation and chemokine response in murine macrophages via ERK1/2 and p38 MAPK signaling pathways. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 294, C1586-96	5.4	92
8	Neurokinin A engages neurokinin-1 receptor to induce NF-kappaB-dependent gene expression in murine macrophages: implications of ERK1/2 and PI 3-kinase/Akt pathways. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 295, C679-91	5.4	18
7	Effect of mitogen-activated protein kinases on chemokine synthesis induced by substance P in mouse pancreatic acinar cells. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 1326-41	5.6	39
6	Relationship etween electroacupuncture and spleen function on leukocyte. <i>Journal of Acupuncture and Tuina Science</i> , 2007 , 5, 336-340	0.4	2
5	Neuropeptide substance P upregulates chemokine and chemokine receptor expression in primary mouse neutrophils. <i>American Journal of Physiology - Cell Physiology</i> , 2007 , 293, C696-704	5.4	53

4	Blockade of neurokinin-1 receptor attenuates CC and CXC chemokine production in experimental acute pancreatitis and associated lung injury. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, G143-53	5.1	48
3	Acetylation of p53 at lysine 373/382 by the histone deacetylase inhibitor depsipeptide induces expression of p21(Waf1/Cip1). <i>Molecular and Cellular Biology</i> , 2006 , 26, 2782-90	4.8	236
2	Silica-coated CdTe quantum dots functionalized with thiols for bioconjugation to IgG proteins. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5779-89	3.4	225
1	Dithiocarbamate-capped silver nanoparticles. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 19238-42	3.4	50