

Shuang Chen

List of Publications by Year in descending order

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45
papers

1,831
citations

304743

22
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

2895
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-1 β Is Crucial for the Induction of Coronary Artery Inflammation in a Mouse Model of Kawasaki Disease. <i>Circulation</i> , 2012, 125, 1542-1550.	1.6	178
2	C9orf72 in myeloid cells suppresses STING-induced inflammation. <i>Nature</i> , 2020, 585, 96-101.	27.8	164
3	Ogg1-Dependent DNA Repair Regulates NLRP3 Inflammasome and Prevents Atherosclerosis. <i>Circulation Research</i> , 2016, 119, e76-90.	4.5	135
4	Lipopolysaccharide Induces Alveolar Macrophage Necrosis via CD14 and the P2X7 Receptor Leading to Interleukin-1 β Release. <i>Immunity</i> , 2015, 42, 640-653.	14.3	109
5	IL-17A Is Proatherogenic in High-Fat Diet-Induced and <i>Chlamydia pneumoniae</i> Infection-Accelerated Atherosclerosis in Mice. <i>Journal of Immunology</i> , 2010, 185, 5619-5627.	0.8	102
6	Intestinal Permeability and IgA Provoke Immune Vasculitis Linked to Cardiovascular Inflammation. <i>Immunity</i> , 2019, 51, 508-521.e6.	14.3	96
7	Role of Interleukin-1 Signaling in a Mouse Model of Kawasaki Disease-Associated Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 886-897.	2.4	85
8	Prognostic gene expression signature for high-grade serous ovarian cancer. <i>Annals of Oncology</i> , 2020, 31, 1240-1250.	1.2	85
9	IL-1 Signaling Is Critically Required in Stromal Cells in Kawasaki Disease Vasculitis Mouse Model. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2605-2616.	2.4	78
10	<i>Chlamydia pneumoniae</i> Hijacks a Host Autoregulatory IL-1 β Loop to Drive Foam Cell Formation and Accelerate Atherosclerosis. <i>Cell Metabolism</i> , 2018, 28, 432-448.e4.	16.2	64
11	Intercepting the Lipid-Induced Integrated Stress Response Reduces Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1149-1169.	2.8	57
12	Young bone marrow transplantation preserves learning and memory in old mice. <i>Communications Biology</i> , 2019, 2, 73.	4.4	50
13	IL-1 receptor antagonist, anakinra, prevents myocardial dysfunction in a mouse model of Kawasaki disease vasculitis and myocarditis. <i>Clinical and Experimental Immunology</i> , 2019, 198, 101-110.	2.6	47
14	Differential expression of Toll-like receptor 2 (TLR2) and responses to TLR2 ligands between human and murine vascular endothelial cells. <i>Journal of Endotoxin Research</i> , 2007, 13, 281-296.	2.5	39
15	CD8+ T Cells Contribute to the Development of Coronary Arteritis in the <i>Lactobacillus casei</i> Cell Wall Extract-Induced Murine Model of Kawasaki Disease. <i>Arthritis and Rheumatology</i> , 2017, 69, 410-421.	5.6	38
16	Sex-Specific Effects of the Nlrp3 Inflammasome on Atherogenesis in LDL Receptor-Deficient Mice. <i>JACC Basic To Translational Science</i> , 2020, 5, 582-598.	4.1	36
17	Characterization of the human EPLIN (Epithelial Protein Lost in Neoplasm) gene reveals distinct promoters for the two EPLIN isoforms. <i>Gene</i> , 2000, 248, 69-76.	2.2	35
18	Oxidative DNA Damage Accelerates Skin Inflammation in Pristane-Induced Lupus Model. <i>Frontiers in Immunology</i> , 2020, 11, 554725.	4.8	32

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19	Quantitative Analysis of Pyrazines and Their Perceptual Interactions in Soy Sauce Aroma Type Baijiu. <i>Foods</i> , 2021, 10, 441.	4.3	31
20	NLRP3 Inflammasome Mediates Immune-Stromal Interactions in Vasculitis. <i>Circulation Research</i> , 2021, 129, e183-e200.	4.5	29
21	Interleukin-1 Beta Mediated Sex Differences in Kawasaki Disease Vasculitis Development and Response to Treatment. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 802-818.	2.4	29
22	Marked Acceleration of Atherosclerosis After <i>Lactobacillus casei</i> Induced Coronary Arteritis in a Mouse Model of Kawasaki Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, e60-71.	2.4	27
23	Recruitment of pro-IL-1 β to mitochondrial cardiolipin, via shared LC3 binding domain, inhibits mitophagy and drives maximal NLRP3 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	25
24	Mast Cells Play an Important Role in <i>Chlamydia pneumoniae</i> Lung Infection by Facilitating Immune Cell Recruitment into the Airway. <i>Journal of Immunology</i> , 2015, 194, 3840-3851.	0.8	23
25	ApoB-100 Related Peptide Vaccine Protects Against Angiotensin II Induced Aortic Aneurysm Formation and Rupture. <i>Journal of the American College of Cardiology</i> , 2015, 65, 546-556.	2.8	22
26	Chlamydia and Lipids Engage a Common Signaling Pathway That Promotes Atherogenesis. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1553-1570.	2.8	22
27	Autophagy Limits Inflammasome During <i>Chlamydia pneumoniae</i> Infection. <i>Frontiers in Immunology</i> , 2019, 10, 754.	4.8	21
28	Three Extraction Methods in Combination with GC-MS for the Detailed Investigation of Volatiles in Chinese Herbaceous Aroma-Type Baijiu. <i>Molecules</i> , 2020, 25, 4429.	3.8	20
29	T-Cell-Intrinsic Receptor Interacting Protein 2 Regulates Pathogenic T Helper 17 Cell Differentiation. <i>Immunity</i> , 2018, 49, 873-885.e7.	14.3	19
30	Exploring the Mystery of the Sweetness of Baijiu by Sensory Evaluation, Compositional Analysis and Multivariate Data Analysis. <i>Foods</i> , 2021, 10, 2843.	4.3	17
31	Overexpression of Tumor Necrosis Factor-Like Ligand 1 A in Myeloid Cells Aggravates Liver Fibrosis in Mice. <i>Journal of Immunology Research</i> , 2019, 2019, 1-15.	2.2	16
32	Alternatively Spliced Myeloid Differentiation Protein-2 Inhibits TLR4-Mediated Lung Inflammation. <i>Journal of Immunology</i> , 2015, 194, 1686-1694.	0.8	14
33	Myocardial fibrosis after adrenergic stimulation as a long-term sequela in a mouse model of Kawasaki disease vasculitis. <i>JCI Insight</i> , 2019, 4, .	5.0	13
34	MicroRNA-223 Regulates the Development of Cardiovascular Lesions in LCWE-Induced Murine Kawasaki Disease Vasculitis by Repressing the NLRP3 Inflammasome. <i>Frontiers in Pediatrics</i> , 2021, 9, 662953.	1.9	12
35	IL-1-dependent electrophysiological changes and cardiac neural remodeling in a mouse model of Kawasaki disease vasculitis. <i>Clinical and Experimental Immunology</i> , 2020, 199, 303-313.	2.6	10
36	Optimization and Validation of a Headspace Solid-Phase Microextraction with Comprehensive Two-Dimensional Gas Chromatography Time-of-Flight Mass Spectrometric Detection for Quantification of Trace Aroma Compounds in Chinese Liquor (Baijiu). <i>Molecules</i> , 2021, 26, 6910.	3.8	10

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37	Untargeted Headspace-Gas Chromatography-Ion Mobility Spectrometry in Combination with Chemometrics for Detecting the Age of Chinese Liquor (Baijiu). <i>Foods</i> , 2021, 10, 2888.	4.3	10
38	Optimal tube length of orotracheal intubation for mice. <i>Laboratory Animals</i> , 2019, 53, 79-83.	1.0	8
39	Comparison of Potent Odorants in Traditional and Modern Types of Chinese Xiaoqu Liquor (Baijiu) Based on Odor Activity Values and Multivariate Analyses. <i>Foods</i> , 2021, 10, 2392.	4.3	8
40	Characterization of Aroma Compounds in Cooked Sorghum Using Comprehensive Two-Dimensional Gas Chromatography-Time-of-Flight Mass Spectrometry and Gas Chromatography-Olfactometry-Mass Spectrometry. <i>Molecules</i> , 2021, 26, 4796.	3.8	6
41	Hepatic support strategies. <i>Transplantation Proceedings</i> , 1996, 28, 2036-8.	0.6	4
42	MD-2 as a possible therapeutic target for atherosclerosis. <i>EBioMedicine</i> , 2020, 55, 102760.	6.1	3
43	Deficiency of CCAAT/Enhancer Binding Protein-Epsilon Reduces Atherosclerotic Lesions in LDLR ^{-/-} Mice. <i>PLoS ONE</i> , 2014, 9, e85341.	2.5	1
44	A Novel Quantitative Prediction Approach for Pungency Level of Chinese Liquor (Baijiu) Based on Infrared Thermal Imager. <i>Foods</i> , 2021, 10, 1107.	4.3	1
45	Innate Immunity in Atherosclerosis. , 0, , 136-146.		0