Xinyuan Li

List of Publications by Year
in descending order

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54 papers	3,565 citations	147801 31 h-index	189892 50 g-index
55 all docs	55 docs citations	55 times ranked	4846 citing authors

#	Article	IF	Citations
1	Targeting mitochondrial reactive oxygen species as novel therapy for inflammatory diseases and cancers. Journal of Hematology and Oncology, 2013, 6, 19.	17.0	594
2	IL-35 Is a Novel Responsive Anti-inflammatory Cytokine â€" A New System of Categorizing Anti-inflammatory Cytokines. PLoS ONE, 2012, 7, e33628.	2.5	230
3	Early Hyperlipidemia Promotes Endothelial Activation via a Caspase-1-Sirtuin 1 Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 804-816.	2.4	197
4	Mitochondrial Reactive Oxygen Species Mediate Lysophosphatidylcholine-Induced Endothelial Cell Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1090-1100.	2.4	187
5	Immunosuppressive/anti-inflammatory cytokines directly and indirectly inhibit endothelial dysfunction- a novel mechanism for maintaining vascular function. Journal of Hematology and Oncology, 2014, 7, 80.	17.0	127
6	Inflammasomes: sensors of metabolic stresses for vascular inflammationÂ. Frontiers in Bioscience - Landmark, 2013, 18, 638.	3.0	123
7	Immune cell subset differentiation and tissue inflammation. Journal of Hematology and Oncology, 2018, 11, 97.	17.0	116
8	Endothelial progenitor cells in atherosclerosis. Frontiers in Bioscience - Landmark, 2012, 17, 2327.	3.0	115
9	MicroRNA-155 Deficiency Leads to Decreased Atherosclerosis, Increased White Adipose Tissue Obesity, and Non-alcoholic Fatty Liver Disease. Journal of Biological Chemistry, 2017, 292, 1267-1287.	3.4	107
10	Inhibition of Caspase-1 Activation in Endothelial Cells Improves Angiogenesis. Journal of Biological Chemistry, 2015, 290, 17485-17494.	3.4	105
11	Interleukin-35 Inhibits Endothelial Cell Activation by Suppressing MAPK-AP-1 Pathway. Journal of Biological Chemistry, 2015, 290, 19307-19318.	3.4	105
12	IL-35 (Interleukin-35) Suppresses Endothelial Cell Activation by Inhibiting Mitochondrial Reactive Oxygen Species-Mediated Site-Specific Acetylation of H3K14 (Histone 3 Lysine 14). Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 599-609.	2.4	93
13	Interleukin-17A Promotes Aortic Endothelial Cell Activation via Transcriptionally and Post-translationally Activating p38 Mitogen-activated Protein Kinase (MAPK) Pathway. Journal of Biological Chemistry, 2016, 291, 4939-4954.	3.4	92
14	Mitochondrial ROS, uncoupled from ATP synthesis, determine endothelial activation for both physiological recruitment of patrolling cells and pathological recruitment of inflammatory cells. Canadian Journal of Physiology and Pharmacology, 2017, 95, 247-252.	1.4	87
15	Efficient Plasmonic Au/CdSe Nanodumbbell for Photoelectrochemical Hydrogen Generation beyond Visible Region. Advanced Energy Materials, 2019, 9, 1803889.	19.5	85
16	Lysophospholipids induce innate immune transdifferentiation of endothelial cells, resulting in prolonged endothelial activation. Journal of Biological Chemistry, 2018, 293, 11033-11045.	3.4	79
17	Lysophospholipid Receptors, as Novel Conditional Danger Receptors and Homeostatic Receptors Modulate Inflammationâ€"Novel Paradigm and Therapeutic Potential. Journal of Cardiovascular Translational Research, 2016, 9, 343-359.	2.4	71
18	Lysophospholipids and their G protein-coupled receptors in atherosclerosis. Frontiers in Bioscience - Landmark, 2016, 21, 70-88.	3.0	68

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19	Analyses of caspase-1-regulated transcriptomes in various tissues lead to identification of novel IL-1Î²-, IL-18- and sirtuin-1-independent pathways. Journal of Hematology and Oncology, 2017, 10, 40.	17.0	64
20	Increased acetylation of H3K14 in the genomic regions that encode trained immunity enzymes in lysophosphatidylcholine-activated human aortic endothelial cells â€“ Novel qualification markers for chronic disease risk factors and conditional DAMPs. Redox Biology, 2019, 24, 101221.	9.0	64
21	Caspase-1 Plays a Critical Role in Accelerating Chronic Kidney Disease-Promoted Neointimal Hyperplasia in the Carotid Artery. Journal of Cardiovascular Translational Research, 2016, 9, 135-144.	2.4	63
22	c-Rel is a myeloid checkpoint for cancer immunotherapy. Nature Cancer, 2020, 1, 507-517.	13.2	63
23	Ly6C⁺Inflammatory Monocyte Differentiation Partially Mediates Hyperhomocysteinemia-Induced Vascular Dysfunction in Type 2 Diabetic db/db Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2097-2119.	2.4	61
24	Anti-inflammatory cytokines IL-35 and IL-10 block atherogenic lysophosphatidylcholine-induced, mitochondrial ROS-mediated innate immune activation, but spare innate immune memory signature in endothelial cells. Redox Biology, 2020, 28, 101373.	9.0	61
25	A Double-edged Sword: Uric Acid and Neurological Disorders. Brain Disorders & Therapy, 2013, 02, 109.	0.1	54
26	Caspase-1 mediates hyperlipidemia-weakened progenitor cell vessel repair. Frontiers in Bioscience - Landmark, 2016, 21, 178-191.	3.0	54
27	IL-35, as a newly proposed homeostasis-associated molecular pattern, plays three major functions including anti-inflammatory initiator, effector, and blocker in cardiovascular diseases. Cytokine, 2019, 122, 154076.	3.2	52
28	Caspase-8 promotes c-Relâ€“dependent inflammatory cytokine expression and resistance against Toxoplasma gondii. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11926-11935.	7.1	42
29	Evolution of Hollow CuInS₂ Nanododecahedrons via Kirkendall Effect Driven by Cation Exchange for Efficient Solar Water Splitting. ACS Applied Materials & Interfaces, 2019, 11, 27170-27177.	8.0	40
30	Au@HgxCd1-xTe core@shell nanorods by sequential aqueous cation exchange for near-infrared photodetectors. Nano Energy, 2019, 57, 57-65.	16.0	38
31	Facile Fabrication of Biochar from Palm Kernel Shell Waste and Its Novel Application to Magnesium-Based Materials for Hydrogen Storage. Materials, 2020, 13, 625.	2.9	34
32	Versatile synthesis of yolk/shell hybrid nanocrystals via ion-exchange reactions for novel metal/semiconductor and semiconductor/semiconductor conformations. Nano Research, 2017, 10, 2977-2987.	10.4	32
33	Increasing Upstream Chromatin Longâ€“Range Interactions May Favor Induction of Circular RNAs in LysoPC-Activated Human Aortic Endothelial Cells. Frontiers in Physiology, 2019, 10, 433.	2.8	30
34	Counter Regulation of Spic by NF-ÎºB and STAT Signaling Controls Inflammation and Iron Metabolism in Macrophages. Cell Reports, 2020, 31, 107825.	6.4	28
35	Identification of Novel Pretranslational Regulatory Mechanisms for NF-ÎºB Activation. Journal of Biological Chemistry, 2013, 288, 15628-15640.	3.4	27
36	Identification of homocysteine-suppressive mitochondrial ETC complex genes and tissue expression profile â€“ Novel hypothesis establishment. Redox Biology, 2018, 17, 70-88.	9.0	21

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37	MEIS2C and MEIS2D promote tumor progression via Wnt/Î²-catenin and hippo/YAP signaling in hepatocellular carcinoma. Journal of Experimental and Clinical Cancer Research, 2019, 38, 417.	8.6	20
38	Hybrid activation mechanism of thermal annealing for hydrogen storage of magnesium based on experimental evidence and theoretical validation. Applied Surface Science, 2020, 504, 144491.	6.1	19
39	TNFAIP8 controls murine intestinal stem cell homeostasis and regeneration by regulating microbiome-induced Akt signaling. Nature Communications, 2020, 11, 2591.	12.8	19
40	Genome-wide analysis reveals TNFAIP8L2 as an immune checkpoint regulator of inflammation and metabolism. Molecular Immunology, 2018, 99, 154-162.	2.2	17
41	Comparative transcriptomics identifies genes differentially expressed in the intestine of a new fast-growing strain of common carp with higher unsaturated fatty acid content in muscle. PLoS ONE, 2018, 13, e0206615.	2.5	14
42	Ultralow-permittivity glass /Al2O3 composite for LTCC applications. Ceramics International, 2019, 45, 13711-13718.	4.8	13
43	Interleukin 35 Delays Hindlimb Ischemia-Induced Angiogenesis Through Regulating ROS-Extracellular Matrix but Spares Later Regenerative Angiogenesis. Frontiers in Immunology, 2020, 11, 595813.	4.8	13
44	Myeloid-Derived Suppressor Cell Differentiation in Cancer: Transcriptional Regulators and Enhanceosome-Mediated Mechanisms. Frontiers in Immunology, 2020, 11, 619253.	4.8	13
45	Genome Wide Analysis for Growth at Two Growth Stages in A New Fast-Growing Common Carp Strain (Cyprinus carpio L.). Scientific Reports, 2020, 10, 7259.	3.3	8
46	High Pressure Induced in Situ Solid-State Phase Transformation of Nonepitaxial Grown Metal@Semiconductor Nanocrystals. Journal of Physical Chemistry Letters, 2018, 9, 6544-6549.	4.6	5
47	The c-Rel-c-Myc axis controls metabolism and proliferation of human T leukemia cells. Molecular Immunology, 2020, 125, 115-122.	2.2	5
48	The TIPE Molecular Pilot That Directs Lymphocyte Migration in Health and Inflammation. Scientific Reports, 2020, 10, 6617.	3.3	5
49	Decoupling tumor cell metastasis from growth by cellular pilot protein TNFAIP8. Oncogene, 2021, 40, 6456-6468.	5.9	3
50	c-Rel-dependent monocytes are potent immune suppressor cells in cancer. Journal of Leukocyte Biology, 2022, 112, 845-859.	3.3	2
51	GW24-e3853â€...Identification of novel Pre-translational regulatory mechanisms for NF-kB activation. Heart, 2013, 99, A45.3-A46.	2.9	0
52	Downregulation of TMEM220 promotes tumor progression in Hepatocellular Carcinoma. Cancer Gene Therapy, 2021, , .	4.6	0
53	ILâ€35 is a Novel Responsive Antiâ€inflammatory Cytokine â€•A New System of Categorizing Antiâ€inflammatory Cytokines. FASEB Journal, 2012, 26, 971.7.	0.5	0
54	TNFAIP8 is a central regulator of intestinal homeostasis and regeneration. FASEB Journal, 2020, 34, 1-1.	0.5	0