

Ying Shao

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,358
citations

218677

26
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

2028
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Hyperlipidemia Promotes Endothelial Activation via a Caspase-1-Sirtuin 1 Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 804-816.	2.4	197
2	Vascular Endothelial Cells and Innate Immunity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e138-e152.	2.4	191
3	ROS systems are a new integrated network for sensing homeostasis and alarming stresses in organelle metabolic processes. <i>Redox Biology</i> , 2020, 37, 101696.	9.0	154
4	Mitochondrial Proton Leak Plays a Critical Role in Pathogenesis of Cardiovascular Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 359-370.	1.6	141
5	Immunosuppressive/anti-inflammatory cytokines directly and indirectly inhibit endothelial dysfunction- a novel mechanism for maintaining vascular function. <i>Journal of Hematology and Oncology</i> , 2014, 7, 80.	17.0	127
6	MicroRNA-155 Deficiency Leads to Decreased Atherosclerosis, Increased White Adipose Tissue Obesity, and Non-alcoholic Fatty Liver Disease. <i>Journal of Biological Chemistry</i> , 2017, 292, 1267-1287.	3.4	107
7	IL-35 (Interleukin-35) Suppresses Endothelial Cell Activation by Inhibiting Mitochondrial Reactive Oxygen Species-Mediated Site-Specific Acetylation of H3K14 (Histone 3 Lysine 14). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 599-609.	2.4	93
8	Novel extracellular and nuclear caspase-1 and inflammasomes propagate inflammation and regulate gene expression: a comprehensive database mining study. <i>Journal of Hematology and Oncology</i> , 2016, 9, 122.	17.0	92
9	GATA3, HDAC6, and BCL6 Regulate FOXP3+ Treg Plasticity and Determine Treg Conversion into Either Novel Antigen-Presenting Cell-Like Treg or Th1-Treg. <i>Frontiers in Immunology</i> , 2018, 9, 45.	4.8	85
10	Pathological conditions re-shape physiological Tregs into pathological Tregs. <i>Burns and Trauma</i> , 2015, 3, .	4.9	74
11	Lysophospholipid Receptors, as Novel Conditional Danger Receptors and Homeostatic Receptors Modulate Inflammation—Novel Paradigm and Therapeutic Potential. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 343-359.	2.4	71
12	Low-Intensity Ultrasound-Induced Anti-inflammatory Effects Are Mediated by Several New Mechanisms Including Gene Induction, Immunosuppressor Cell Promotion, and Enhancement of Exosome Biogenesis and Docking. <i>Frontiers in Physiology</i> , 2017, 8, 818.	2.8	70
13	Analyses of caspase-1-regulated transcriptomes in various tissues lead to identification of novel IL-1 ^β -, IL-18- and sirtuin-1-independent pathways. <i>Journal of Hematology and Oncology</i> , 2017, 10, 40.	17.0	64
14	Increased acetylation of H3K14 in the genomic regions that encode trained immunity enzymes in lysophosphatidylcholine-activated human aortic endothelial cells — Novel qualification markers for chronic disease risk factors and conditional DAMPs. <i>Redox Biology</i> , 2019, 24, 101221.	9.0	64
15	Lysophospholipids and Their Receptors Serve as Conditional DAMPs and DAMP Receptors in Tissue Oxidative and Inflammatory Injury. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 973-986.	5.4	62
16	End-stage renal disease is different from chronic kidney disease in upregulating ROS-modulated proinflammatory secretome in PBMCs - A novel multiple-hit model for disease progression. <i>Redox Biology</i> , 2020, 34, 101460.	9.0	62
17	Circular RNAs are a novel type of non-coding RNAs in ROS regulation, cardiovascular metabolic inflammations and cancers. , 2021, 220, 107715.		62
18	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. <i>Redox Biology</i> , 2020, 28, 101373.	9.0	61

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19	Trained Immunity and Reactivity of Macrophages and Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1032-1046.	2.4	56
20	Co-signaling receptors regulate T-cell plasticity and immune tolerance. <i>Frontiers in Bioscience - Landmark</i> , 2019, 24, 96-132.	3.0	54
21	Metabolic Diseases Downregulate the Majority of Histone Modification Enzymes, Making a Few Upregulated Enzymes Novel Therapeutic Targets – Sand Out and Gold Stays – <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 49-66.	2.4	53
22	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
23	Uremic toxins are conditional danger- or homeostasis-associated molecular patterns. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 348-387.	3.0	45
24	Endothelial Immunity Trained by Coronavirus Infections, DAMP Stimulations and Regulated by Anti-Oxidant NRF2 May Contribute to Inflammations, Myelopoiesis, COVID-19 Cytokine Storms and Thromboembolism. <i>Frontiers in Immunology</i> , 2021, 12, 653110.	4.8	43
25	Epigenetic enzymes are the therapeutic targets for CD4+CD25+/highFoxp3+ regulatory T cells. <i>Translational Research</i> , 2015, 165, 221-240.	5.0	39
26	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
27	Experimental Data-Mining Analyses Reveal New Roles of Low-Intensity Ultrasound in Differentiating Cell Death Regulatome in Cancer and Non-cancer Cells via Potential Modulation of Chromatin Long-Range Interactions. <i>Frontiers in Oncology</i> , 2019, 9, 600.	2.8	28
28	Approaching Inflammation Paradoxes – Proinflammatory Cytokine Blockages Induce Inflammatory Regulators. <i>Frontiers in Immunology</i> , 2020, 11, 554301.	4.8	28
29	A comprehensive data mining study shows that most nuclear receptors act as newly proposed homeostasis-associated molecular pattern receptors. <i>Journal of Hematology and Oncology</i> , 2017, 10, 168.	17.0	23
30	29 m6A-RNA Methylation (Epitranscriptomic) Regulators Are Regulated in 41 Diseases including Atherosclerosis and Tumors Potentially via ROS Regulation – 102 Transcriptomic Dataset Analyses. <i>Journal of Immunology Research</i> , 2022, 2022, 1-42.	2.2	19
31	DNA Checkpoint and Repair Factors Are Nuclear Sensors for Intracellular Organelle Stresses – Inflammations and Cancers Can Have High Genomic Risks. <i>Frontiers in Physiology</i> , 2018, 9, 516.	2.8	18
32	Procaspase-1 patrolled to the nucleus of proatherogenic lipid LPC-activated human aortic endothelial cells induces ROS promoter CYP1B1 and strong inflammation. <i>Redox Biology</i> , 2021, 47, 102142.	9.0	16
33	Hyperlipidemia May Synergize with Hypomethylation in Establishing Trained Immunity and Promoting Inflammation in NASH and NAFLD. <i>Journal of Immunology Research</i> , 2021, 2021, 1-35.	2.2	16
34	Novel Knowledge-Based Transcriptomic Profiling of Lipid Lysophosphatidylinositol-Induced Endothelial Cell Activation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 773473.	2.4	15
35	Interleukin 35 Delays Hindlimb Ischemia-Induced Angiogenesis Through Regulating ROS-Extracellular Matrix but Spares Later Regenerative Angiogenesis. <i>Frontiers in Immunology</i> , 2020, 11, 595813.	4.8	13
36	Organelle Crosstalk Regulators Are Regulated in Diseases, Tumors, and Regulatory T Cells: Novel Classification of Organelle Crosstalk Regulators. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 713170.	2.4	11

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37	Aorta in Pathologies May Function as an Immune Organ by Upregulating Secretomes for Immune and Vascular Cell Activation, Differentiation and Trans-Differentiation” Early Secretomes may Serve as Drivers for Trained Immunity. <i>Frontiers in Immunology</i> , 2022, 13, 858256.	4.8	10
38	Ultrasound May Suppress Tumor Growth, Inhibit Inflammation, and Establish Tolerogenesis by Remodeling Innatome via Pathways of ROS, Immune Checkpoints, Cytokines, and Trained Immunity/Tolerance. <i>Journal of Immunology Research</i> , 2021, 2021, 1-33.	2.2	9