Hong Wang

List of Publications by Year
in descending order

125 papers	10,186 citations	25034 57 h-index	39675 94 g-index
125 all docs	125 docs citations	125 times ranked	11790 citing authors

#	Article	IF	Citations
1	Monocyte and macrophage differentiation: circulation inflammatory monocyte as biomarker for inflammatory diseases. Biomarker Research, 2014, 2, 1.	6.8	787
2	Targeting mitochondrial reactive oxygen species as novel therapy for inflammatory diseases and cancers. Journal of Hematology and Oncology, 2013, 6, 19.	17.0	594
3	An evolving new paradigm: endothelial cells â€“ conditional innate immune cells. Journal of Hematology and Oncology, 2013, 6, 61.	17.0	350
4	Hydrogen Sulfide Induces Keap1 S-sulfhydration and Suppresses Diabetes-Accelerated Atherosclerosis via Nrf2 Activation. Diabetes, 2016, 65, 3171-3184.	0.6	249
5	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
6	Inhibition of Growth and p21 Methylation in Vascular Endothelial Cells by Homocysteine but Not Cysteine. Journal of Biological Chemistry, 1997, 272, 25380-25385.	3.4	218
7	Caspase-1 Inflammasome Activation Mediates Homocysteine-Induced Pyrop-Apoptosis in Endothelial Cells. Circulation Research, 2016, 118, 1525-1539.	4.5	198
8	Early Hyperlipidemia Promotes Endothelial Activation via a Caspase-1-Sirtuin 1 Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 804-816.	2.4	197
9	Vascular Endothelial Cells and Innate Immunity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e138-e152.	2.4	191
10	Mitochondrial Reactive Oxygen Species Mediate Lysophosphatidylcholine-Induced Endothelial Cell Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1090-1100.	2.4	187
11	Hyperhomocysteinemia accelerates atherosclerosis in cystathionine Î²-synthase and apolipoprotein E double knock-out mice with and without dietary perturbation. Blood, 2003, 101, 3901-3907.	1.4	172
12	Biochemical basis and metabolic interplay of redox regulation. Redox Biology, 2019, 26, 101284.	9.0	170
13	Hyperhomocysteinemia Decreases Circulating High-Density Lipoprotein by Inhibiting Apolipoprotein A-I Protein Synthesis and Enhancing HDL Cholesterol Clearance. Circulation Research, 2006, 99, 598-606.	4.5	162
14	ROS systems are a new integrated network for sensing homeostasis and alarming stresses in organelle metabolic processes. Redox Biology, 2020, 37, 101696.	9.0	154
15	Regulation of homocysteine metabolism and methylation in human and mouse tissues. FASEB Journal, 2010, 24, 2804-2817.	0.5	153
16	Hyperhomocystinemia Impairs Endothelial Function and eNOS Activity via PKC Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2515-2521.	2.4	141
17	Mitochondrial Proton Leak Plays a Critical Role in Pathogenesis of Cardiovascular Diseases. Advances in Experimental Medicine and Biology, 2017, 982, 359-370.	1.6	141
18	Homocysteine inhibits endothelial cell growth via DNA hypomethylation of the cyclin Agene. Blood, 2007, 110, 3648-3655.	1.4	130

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19	Hyperhomocysteinemia Promotes Inflammatory Monocyte Generation and Accelerates Atherosclerosis in Transgenic Cystathionine Î²-Synthaseâ€"Deficient Mice. Circulation, 2009, 120, 1893-1902.	1.6	129
20	Innate-adaptive immunity interplay and redox regulation in immune response. Redox Biology, 2020, 37, 101759.	9.0	129
21	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
22	Increased noncanonical splicing of autoantigen transcripts provides the structural basis for expression of untolerized epitopes. Journal of Allergy and Clinical Immunology, 2004, 114, 1463-1470.	2.9	126
23	Severe Hyperhomocysteinemia Promotes Bone Marrowâ€"Derived and Resident Inflammatory Monocyte Differentiation and Atherosclerosis in LDLr/CBS-Deficient Mice. Circulation Research, 2012, 111, 37-49.	4.5	123
24	Inflammasomes: sensors of metabolic stresses for vascular inflammationÂ. Frontiers in Bioscience - Landmark, 2013, 18, 638.	3.0	123
25	Immune cell subset differentiation and tissue inflammation. Journal of Hematology and Oncology, 2018, 11, 97.	17.0	116
26	Endothelial progenitor cells in atherosclerosis. Frontiers in Bioscience - Landmark, 2012, 17, 2327.	3.0	115
27	Homocysteine and Hypomethylation A Novel Link to Vascular Disease. Trends in Cardiovascular Medicine, 1999, 9, 49-54.	4.9	108
28	Vascular inflammation and atherogenesis are activated via receptors for PAMPs and suppressed by regulatory T cells. Drug Discovery Today: Therapeutic Strategies, 2008, 5, 125-142.	0.5	108
29	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
30	Inhibition of Caspase-1 Activation in Endothelial Cells Improves Angiogenesis. Journal of Biological Chemistry, 2015, 290, 17485-17494.	3.4	105
31	Interleukin-35 Inhibits Endothelial Cell Activation by Suppressing MAPK-AP-1 Pathway. Journal of Biological Chemistry, 2015, 290, 19307-19318.	3.4	105
32	Hyperhomocysteinemia Potentiates Hyperglycemia-Induced Inflammatory Monocyte Differentiation and Atherosclerosis. Diabetes, 2014, 63, 4275-4290.	0.6	104
33	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
34	Novel extracellular and nuclear caspase-1 and inflammasomes propagate inflammation and regulate gene expression: a comprehensive database mining study. Journal of Hematology and Oncology, 2016, 9, 122.	17.0	92
35	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
36	Hyperhomocysteinemia and Endothelial Dysfunction. Current Hypertension Reviews, 2009, 5, 158-165.	0.9	90

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37	Molecular basis and therapeutic implications of CD40/CD40L immune checkpoint. , 2021, 219, 107709.		89
38	Chronic Kidney Disease Induces Inflammatory CD40 ⁺ Monocyte Differentiation via Homocysteine Elevation and DNA Hypomethylation. Circulation Research, 2016, 119, 1226-1241.	4.5	88
39	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
40	Expression of TCTP antisense in CD25high regulatory T cells aggravates cuff-injured vascular inflammation. Atherosclerosis, 2009, 203, 401-408.	0.8	85
41	GATA3, HDAC6, and BCL6 Regulate FOXP3+ Treg Plasticity and Determine Treg Conversion into Either Novel Antigen-Presenting Cell-Like Treg or Th1-Treg. Frontiers in Immunology, 2018, 9, 45.	4.8	85
42	MicroRNAs and Toll-like Receptor/Interleukin-1 Receptor Signaling. Journal of Hematology and Oncology, 2012, 5, 66.	17.0	79
43	Lysophospholipids induce innate immune transdifferentiation of endothelial cells, resulting in prolonged endothelial activation. Journal of Biological Chemistry, 2018, 293, 11033-11045.	3.4	79
44	Proton leak regulates mitochondrial reactive oxygen species generation in endothelial cell activation and inflammation - A novel concept. Archives of Biochemistry and Biophysics, 2019, 662, 68-74.	3.0	75
45	Pathological conditions re-shape physiological Tregs into pathological Tregs. Burns and Trauma, 2015, 3, .	4.9	74
46	Chronic kidney disease alters vascular smooth muscle cell phenotype. Frontiers in Bioscience - Landmark, 2015, 20, 784-795.	3.0	72
47	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
48	Hyperhomocysteinemia, DNA methylation and vascular disease. Clinical Chemistry and Laboratory Medicine, 2007, 45, 1660-6.	2.3	70
49	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. Frontiers in Physiology, 2017, 8, 818.	2.8	70
50	Endothelial progenitor cells in ischemic stroke: an exploration from hypothesis to therapy. Journal of Hematology and Oncology, 2015, 8, 33.	17.0	69
51	Lysophospholipids and their G protein-coupled receptors in atherosclerosis. Frontiers in Bioscience - Landmark, 2016, 21, 70-88.	3.0	68
52	Hyperhomocysteinemia predicts renal function decline: a prospective study in hypertensive adults. Scientific Reports, 2015, 5, 16268.	3.3	66
53	Hyperhomocysteinemia and Hyperglycemia Induce and Potentiate Endothelial Dysfunction via Î¼-Calpain Activation. Diabetes, 2015, 64, 947-959.	0.6	66
54	Hyperhomocysteinemia impairs endothelium-derived hyperpolarizing factorâ€"mediated vasorelaxation in transgenic cystathionine beta synthaseâ€"deficient mice. Blood, 2011, 118, 1998-2006.	1.4	64

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55	Analyses of caspase-1-regulated transcriptomes in various tissues lead to identification of novel IL-1Î^2-, IL-18- and sirtuin-1-independent pathways. Journal of Hematology and Oncology, 2017, 10, 40.	17.0	64
56	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
57	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
58	Homocysteine-methionine cycle is a metabolic sensor system controlling methylation-regulated pathological signaling. Redox Biology, 2020, 28, 101322.	9.0	63
59	Lysophospholipids and Their Receptors Serve as Conditional DAMPs and DAMP Receptors in Tissue Oxidative and Inflammatory Injury. Antioxidants and Redox Signaling, 2018, 28, 973-986.	5.4	62
60	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. Redox Biology, 2020, 34, 101460.	9.0	62
61	Circular RNAs are a novel type of non-coding RNAs in ROS regulation, cardiovascular metabolic inflammations and cancers. , 2021, 220, 107715.		62
62	Increased Expression of Resistin in MicroRNA-155-Deficient White Adipose Tissues May Be a Possible Driver of Metabolically Healthy Obesity Transition to Classical Obesity. Frontiers in Physiology, 2018, 9, 1297.	2.8	61
63	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
64	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
65	Hyperhomocysteinemia inhibits post-injury reendothelialization in mice. Cardiovascular Research, 2006, 69, 253-262.	3.8	60
66	Cyclin A transcriptional suppression is the major mechanism mediating homocysteine-induced endothelial cell growth inhibition. Blood, 2002, 99, 939-945.	1.4	59
67	Regulatory T Cells and Atherosclerosis. Journal of Clinical & Experimental Cardiology, 2013, 01, 2.	0.0	57
68	Trained Immunity and Reactivity of Macrophages and Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1032-1046.	2.4	56
69	F-BAR family proteins, emerging regulators for cell membrane dynamic changesâ€"from structure to human diseases. Journal of Hematology and Oncology, 2015, 8, 47.	17.0	55
70	Caspase-1 mediates hyperlipidemia-weakened progenitor cell vessel repair. Frontiers in Bioscience - Landmark, 2016, 21, 178-191.	3.0	54
71	Co-signaling receptors regulate T-cell plasticity and immune tolerance. Frontiers in Bioscience - Landmark, 2019, 24, 96-132.	3.0	54
72	Metabolic Diseases Downregulate the Majority of Histone Modification Enzymes, Making a Few Upregulated Enzymes Novel Therapeutic Targetsâ€"â€œSand Out and Gold Staysâ€. Journal of Cardiovascular Translational Research, 2016, 9, 49-66.	2.4	53

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73	Metabolic Reprogramming in Immune Response and Tissue Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1990-2001.	2.4	53
74	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
75	Caspase-1 recognizes extended cleavage sites in its natural substrates. Atherosclerosis, 2010, 210, 422-429.	0.8	51
76	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
77	SNO-MLP (S-Nitrosylation of Muscle LIM Protein) Facilitates Myocardial Hypertrophy Through TLR3 (Toll-Like Receptor 3)â€"Mediated RIP3 (Receptor-Interacting Protein Kinase 3) and NLRP3 (NOD-Like) Tj ETQq1 1 0.784314 rg BT /Overl	1.6	47
78	Metabolism-associated danger signal-induced immune response and reverse immune checkpoint-activated CD40+ monocyte differentiation. Journal of Hematology and Oncology, 2017, 10, 141.	17.0	45
79	Uremic toxins are conditional danger- or homeostasis-associated molecular patterns. Frontiers in Bioscience - Landmark, 2018, 23, 348-387.	3.0	45
80	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. Frontiers in Immunology, 2021, 12, 653110.	4.8	43
81	S-Nitrosylation of Plastin-3 Exacerbates Thoracic Aortic Dissection Formation via Endothelial Barrier Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 175-188.	2.4	42
82	Hyperhomocysteinemia potentiates diabetes-impaired EDHF-induced vascular relaxation: Role of insufficient hydrogen sulfide. Redox Biology, 2018, 16, 215-225.	9.0	41
83	Hyperhomocysteinemia and high-density lipoprotein metabolism in cardiovascular disease. Clinical Chemistry and Laboratory Medicine, 2007, 45, 1652-9.	2.3	40
84	Hyperhomocysteinemia suppresses bone marrow CD34 ⁺ /VEGF receptor 2 ⁺ cells and inhibits progenitor cell mobilization and homing to injured vasculatureâ€"a role of Î²1â€integrin in progenitor cell migration and adhesion. FASEB Journal, 2015, 29, 3085-3099.	0.5	40
85	Elevated Homocysteine Concentrations Decrease the Antihypertensive Effect of Angiotensin-Converting Enzyme Inhibitors in Hypertensive Patients. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 166-172.	2.4	38
86	Homocysteine induces inflammatory transcriptional signaling in monocytesÂ. Frontiers in Bioscience - Landmark, 2013, 18, 685.	3.0	36
87	HDL subclass proteomic analysis and functional implication of protein dynamic change during HDL maturation. Redox Biology, 2019, 24, 101222.	9.0	35
88	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
89	Differential Regulation of Homocysteine Transport in Vascular Endothelial and Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1976-1983.	2.4	33
90	Liver Ischemia Reperfusion Injury, Enhanced by Trained Immunity, Is Attenuated in Caspase 1/Caspase 11 Double Gene Knockout Mice. Pathogens, 2020, 9, 879.	2.8	33

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91	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
92	Cyclin A transcriptional suppression is the major mechanism mediating homocysteine-induced endothelial cell growth inhibition. Blood, 2002, 99, 939-45.	1.4	30
93	Tissue Treg Secretomes and Transcription Factors Shared With Stem Cells Contribute to a Treg Niche to Maintain Treg-Ness With 80% Innate Immune Pathways, and Functions of Immunosuppression and Tissue Repair. Frontiers in Immunology, 2020, 11, 632239.	4.8	29
94	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. Frontiers in Oncology, 2019, 9, 600.	2.8	28
95	Approaching Inflammation Paradoxesâ€"Proinflammatory Cytokine Blockages Induce Inflammatory Regulators. Frontiers in Immunology, 2020, 11, 554301.	4.8	28
96	Identification of Novel Pretranslational Regulatory Mechanisms for NF-Î°B Activation. Journal of Biological Chemistry, 2013, 288, 15628-15640.	3.4	27
97	IL-35 promotes CD4+Foxp3+ Tregs and inhibits atherosclerosis via maintaining CCR5-amplified Treg-suppressive mechanisms. JCI Insight, 2021, 6, .	5.0	26
98	CC-Chemokine Ligand 2 (CCL2) Suppresses High Density Lipoprotein (HDL) Internalization and Cholesterol Efflux via CC-Chemokine Receptor 2 (CCR2) Induction and p42/44 Mitogen-activated Protein Kinase (MAPK) Activation in Human Endothelial Cells. Journal of Biological Chemistry, 2016, 291, 19532-19544.	3.4	24
99	Structural evidence of anti-atherogenic microRNAs. Frontiers in Bioscience - Landmark, 2011, 16, 3133.	3.0	23
100	A comprehensive data mining study shows that most nuclear receptors act as newly proposed homeostasis-associated molecular pattern receptors. Journal of Hematology and Oncology, 2017, 10, 168.	17.0	23
101	Thrombus leukocytes exhibit more endothelial cell-specific angiogenic markers than peripheral blood leukocytes do in acute coronary syndrome patients, suggesting a possibility of trans-differentiation: a comprehensive database mining study. Journal of Hematology and Oncology, 2017, 10, 74.	17.0	22
102	Endocytosis and membrane receptor internalization implication of F-BAR protein Carom. Frontiers in Bioscience - Landmark, 2017, 22, 1439-1457.	3.0	22
103	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
104	29 m6A-RNA Methylation (Epitranscriptomic) Regulators Are Regulated in 41 Diseases including Atherosclerosis and Tumors Potentially via ROS Regulation â€" 102 Transcriptomic Dataset Analyses. Journal of Immunology Research, 2022, 2022, 1-42.	2.2	19
105	DNA Checkpoint and Repair Factors Are Nuclear Sensors for Intracellular Organelle Stressesâ€"Inflammations and Cancers Can Have High Genomic Risks. Frontiers in Physiology, 2018, 9, 516.	2.8	18
106	Canonical Secretomes, Innate Immune Caspase-1-, 4/11-Gasdermin D Non-Canonical Secretomes and Exosomes May Contribute to Maintain Treg-Ness for Treg Immunosuppression, Tissue Repair and Modulate Anti-Tumor Immunity via ROS Pathways. Frontiers in Immunology, 2021, 12, 678201.	4.8	17
107	Molecular processes mediating hyperhomocysteinemia-induced metabolic reprogramming, redox regulation and growth inhibition in endothelial cells. Redox Biology, 2021, 45, 102018.	9.0	16
108	Procaspase-1 patrolled to the nucleus of proatherogenic lipid LPC-activated human aortic endothelial cells induces ROS promoter CYP1B1 and strong inflammation. Redox Biology, 2021, 47, 102142.	9.0	16

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109	Hyperlipidemia May Synergize with Hypomethylation in Establishing Trained Immunity and Promoting Inflammation in NASH and NAFLD. Journal of Immunology Research, 2021, 2021, 1-35.	2.2	16
110	MicroRNAs and other mechanisms regulate interleukin-17 cytokines and receptors. Frontiers in Bioscience - Elite, 2012, E4, 1478.	1.8	15
111	Novel Knowledge-Based Transcriptomic Profiling of Lipid Lysophosphatidylinositol-Induced Endothelial Cell Activation. Frontiers in Cardiovascular Medicine, 2021, 8, 773473.	2.4	15
112	Hsp90ÂS-nitrosylation at Cys521, as a conformational switch, modulates cycling of Hsp90-AHA1-CDC37 chaperone machine to aggravate atherosclerosis. Redox Biology, 2022, 52, 102290.	9.0	15
113	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
114	Iptakalim attenuates hypoxia-induced pulmonary arterial hypertension in rats by endothelial function protection. Molecular Medicine Reports, 2015, 12, 2945-2952.	2.4	12
115	Immunological Feature and Transcriptional Signaling of Ly6C Monocyte Subsets From Transcriptome Analysis in Control and Hyperhomocysteinemic Mice. Frontiers in Immunology, 2021, 12, 632333.	4.8	11
116	Organelle Crosstalk Regulators Are Regulated in Diseases, Tumors, and Regulatory T Cells: Novel Classification of Organelle Crosstalk Regulators. Frontiers in Cardiovascular Medicine, 2021, 8, 713170.	2.4	11
117	Uncoupling protein 2-mediated metabolic adaptations define cardiac cell function in the heart during transition from young to old age. Stem Cells Translational Medicine, 2021, 10, 144-156.	3.3	10
118	LIN28a induced metabolic and redox regulation promotes cardiac cell survival in the heart after ischemic injury. Redox Biology, 2021, 47, 102162.	9.0	10
119	Aorta in Pathologies May Function as an Immune Organ by Upregulating Secretomes for Immune and Vascular Cell Activation, Differentiation and Trans-Differentiationâ€"Early Secretomes may Serve as Drivers for Trained Immunity. Frontiers in Immunology, 2022, 13, 858256.	4.8	10
120	Ultrasound May Suppress Tumor Growth, Inhibit Inflammation, and Establish Tolerogenesis by Remodeling Innatome via Pathways of ROS, Immune Checkpoints, Cytokines, and Trained Immunity/Tolerance. Journal of Immunology Research, 2021, 2021, 1-33.	2.2	9
121	Chronic Exposure to the Combination of Cigarette Smoke and Morphine Decreases CD4+ Regulatory T Cell Numbers by Reprogramming the Treg Cell Transcriptome. Frontiers in Immunology, 2022, 13, 887681.	4.8	7
122	Analysis for Carom complex signaling and function by database mining. Frontiers in Bioscience - Landmark, 2016, 21, 856-872.	3.0	5
123	Insulin Rescued MCP-1-Suppressed Cholesterol Efflux to Large HDL2 Particles via ABCA1, ABCG1, SR-BI and PI3K/Akt Activation in Adipocytes. Cardiovascular Drugs and Therapy, 2022, 36, 665-678.	2.6	2
124	Adaptive Immune Response Signaling Is Suppressed in Ly6Chigh Monocyte but Upregulated in Monocyte Subsets of ApoE-/- Mice â€" Functional Implication in Atherosclerosis. Frontiers in Immunology, 2021, 12, 809208.	4.8	2
125	Editorial: Highlights for Cardiovascular Therapeutics in 2021 â€" Trained Immunity, Immunometabolism, Gender Differences of Cardiovascular Diseases, and Novel Targets of Cardiovascular Therapeutics. Frontiers in Cardiovascular Medicine, 2022, 9, 892288.	2.4	1