

Resveratrol Reduces the Proinflammatory Effects and I Expression of HMGB1 and TLR4 in RAW264.7 Cells

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Resveratrol, a polyphenolic compound found in grapes and wine, is an agonist for the estrogen receptor. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 14138-14143.	3.3	948
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4	Suppression of tumour development by substances derived from the diet—mechanisms and clinical implications. British Journal of Clinical Pharmacology, 1998, 45, 1-12.	1.1	80
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7	Population based cohort study of the association between alcohol intake and cancer of the upper digestive tract. BMJ: British Medical Journal, 1998, 317, 844-848.	2.4	161
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1232	Effects of mimicked acetylated HMGB1 on macrophages and dendritic cells. <i>Molecular Medicine Reports</i> , 2018, 18, 5527-5535.	1.1	7
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1235	Molecular Signature of Aluminum Hydroxide Adjuvant in Ovine PBMCs by Integrated mRNA and microRNA Transcriptome Sequencing. <i>Frontiers in Immunology</i> , 2018, 9, 2406.	2.2	15
1236	Resveratrol, an activator of SIRT1, induces protective autophagy in non-small-cell lung cancer via inhibiting Akt/mTOR and activating p38-MAPK. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 7777-7786.	1.0	115
1237	Anti-Inflammatory Effects of <i>Aster incisus</i> through the Inhibition of NF- κ B, MAPK, and Akt Pathways in LPS-Stimulated RAW 264.7 Macrophages. <i>Mediators of Inflammation</i> , 2018, 2018, 1-10.	1.4	23
1238	Metabonomic study of the protective effect of Fukeqianjin formula on multi-pathogen induced pelvic inflammatory disease in rats. <i>Chinese Medicine</i> , 2018, 13, 61.	1.6	17
1239	The dual role of HMGB1 in pancreatic cancer. <i>Journal of Pancreatology</i> , 2018, 1, 19-24.	0.3	16
1240	Involvement of M1 Macrophage Polarization in Endosomal Toll-Like Receptors Activated Psoriatic Inflammation. <i>Mediators of Inflammation</i> , 2018, 2018, 1-14.	1.4	52
1241	Resveratrol-Mediated Attenuation of Staphylococcus aureus Enterotoxin B-Induced Acute Liver Injury Is Associated With Regulation of microRNA and Induction of Myeloid-Derived Suppressor Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 2910.	1.5	15
1242	Secretory High-Mobility Group Box 1 Protein Affects Regulatory T Cell Differentiation in Neuroblastoma Microenvironment <i>In Vitro</i> . <i>Journal of Oncology</i> , 2018, 2018, 1-12.	0.6	14
1243	Cancer; an induced disease of twentieth century! Induction of tolerance, increased entropy and "Dark Energy": loss of biorhythms (Anabolism v. Catabolism). <i>Clinical and Translational Medicine</i> , 2018, 7, 20.	1.7	15
1244	Resveratrol Attenuates Allergic Asthma and Associated Inflammation in the Lungs Through Regulation of miRNA-34a That Targets FoxP3 in Mice. <i>Frontiers in Immunology</i> , 2018, 9, 2992.	2.2	69
1245	DNA-Mediated Interferon Signature Induction by SLE Serum Occurs in Monocytes Through Two Pathways: A Mechanism to Inhibit Both Pathways. <i>Frontiers in Immunology</i> , 2018, 9, 2824.	2.2	32
1246	Neuromuscular degeneration and locomotor deficit in a <i>Drosophila</i> model of mucopolysaccharidosis VII is attenuated by treatment with resveratrol. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	26
1247	Tomato lycopene prevention of alcoholic fatty liver disease and hepatocellular carcinoma development. <i>Chronic Diseases and Translational Medicine</i> , 2018, 4, 211-224.	0.9	26
1248	Role of immune responses for extracellular matrix remodeling in the ischemic brain. <i>Therapeutic Advances in Neurological Disorders</i> , 2018, 11, 175628641881809.	1.5	39
1249	Schisandra Chinensis Lignans Suppresses the Production of Inflammatory Mediators Regulated by NF- κ B, AP-1, and IRF3 in Lipopolysaccharide-Stimulated RAW264.7 Cells. <i>Molecules</i> , 2018, 23, 3319.	1.7	24
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1254	Protective effects of ginsenoside Rg2 and astaxanthin mixture against UVB-induced DNA damage. <i>Animal Cells and Systems</i> , 2018, 22, 400-406.	0.8	18
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1259	S100A12 facilitates osteoclast differentiation from human monocytes. <i>PLoS ONE</i> , 2018, 13, e0204140.	1.1	12
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1261	Stress and Inflammation in Coronary Artery Disease: A Review Psychoneuroendocrineimmunology-Based. <i>Frontiers in Immunology</i> , 2018, 9, 2031.	2.2	211
1262	Anti-Inflammatory Effect of Lupinalbin A Isolated from <i>Apios americana</i> on Lipopolysaccharide-Treated RAW264.7 Cells. <i>Molecules</i> , 2018, 23, 583.	1.7	9
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1264	Structure-Based Classification and Anti-Cancer Effects of Plant Metabolites. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2651.	1.8	60
1265	B cell responses to apoptotic cells in MFG-E8 ^{-/-} mice. <i>PLoS ONE</i> , 2018, 13, e0205172.	1.1	2
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1267	The role of respiratory epithelium in host defence against influenza virus infection. <i>Biomedical Journal</i> , 2018, 41, 218-233.	1.4	89
1268	Intranasal administration of resveratrol successfully prevents lung cancer in A/J mice. <i>Scientific Reports</i> , 2018, 8, 14257.	1.6	30
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1271	Resveratrol eliminates cancer stem cells of osteosarcoma by STAT3 pathway inhibition. <i>PLoS ONE</i> , 2018, 13, e0205918.	1.1	62
1272	Andrographolide inhibits breast cancer through suppressing COX-2 expression and angiogenesis via inactivation of p300 signaling and VEGF pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 248.	3.5	101
1273	Interleukin 30 to Interleukin 40. <i>Journal of Interferon and Cytokine Research</i> , 2018, 38, 423-439.	0.5	62
1274	Reduced gut microbiome protects from alcohol-induced neuroinflammation and alters intestinal and brain inflammasome expression. <i>Journal of Neuroinflammation</i> , 2018, 15, 298.	3.1	88
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1276	Resveratrol displays anti-inflammatory properties in an ex vivo model of immune mediated inflammatory arthritis. <i>BMC Rheumatology</i> , 2018, 2, 27.	0.6	18
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1278	The Role of Chemokines in Wound Healing. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3217.	1.8	268
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1281	Biomarkers in the prevention and follow-up of workers exposed to asbestos. <i>Journal of Thoracic Disease</i> , 2018, 10, S360-S368.	0.6	14
1282	Untemplated Resveratrol-Mediated Polydopamine Nanocapsule Formation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34792-34801.	4.0	35
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1285	Raging the War Against Inflammation With Natural Products. <i>Frontiers in Pharmacology</i> , 2018, 9, 976.	1.6	129
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1290	Cigarette Smoke Toxins-Induced Mitochondrial Dysfunction and Pancreatitis Involves Aryl Hydrocarbon Receptor Mediated Cyp1 Gene Expression: Protective Effects of Resveratrol. <i>Toxicological Sciences</i> , 2018, 166, 428-440.	1.4	12
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1292	High expression of HMGB1 in children with refractory <i>Mycoplasma pneumoniae</i> pneumonia. <i>BMC Infectious Diseases</i> , 2018, 18, 439.	1.3	40
1293	Association of serum high-mobility group box protein 1 level with outcomes of acute exacerbation of idiopathic pulmonary fibrosis and fibrosing nonspecific interstitial pneumonia. <i>PLoS ONE</i> , 2018, 13, e0196558.	1.1	19
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1301	Tanshinone IIA Sodium Sulfonate Attenuates LPS-Induced Intestinal Injury in Mice. <i>Gastroenterology Research and Practice</i> , 2018, 2018, 1-10.	0.7	12
1302	Conditioned taste aversions. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2018, 4, 92-100.	0.7	29
1303	Matrine Ameliorates Colorectal Cancer in Rats via Inhibition of HMGB1 Signaling and Downregulation of IL-6, TNF- α , and HMGB1. <i>Journal of Immunology Research</i> , 2018, 2018, 1-8.	0.9	17
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1308	Regulation of Immune Function by Polyphenols. <i>Journal of Immunology Research</i> , 2018, 2018, 1-8.	0.9	179
1309	High Mobility Group Protein 1 Reverses Immune System Paralysis in Late-Phase Sepsis. <i>Infection and Immunity</i> , 2018, 86, .	1.0	4
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1311	Taking the lead – how keratinocytes orchestrate skin T cell immunity. <i>Immunology Letters</i> , 2018, 200, 43-51.	1.1	41
1312	Regulation of Tumor Progression by Programmed Necrosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-28.	1.9	140
1313	Effect of Resveratrol Dry Suspension on Immune Function of Piglets. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10.	0.5	17
1314	Biomarkers of Sepsis-Induced Acute Kidney Injury. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	41
1315	Immunomodulation to Prevent or Treat Neonatal Sepsis: Past, Present, and Future. <i>Frontiers in Pediatrics</i> , 2018, 6, 199.	0.9	44
1316	Resveratrol induces autophagy-dependent apoptosis in HL-60 cells. <i>BMC Cancer</i> , 2018, 18, 581.	1.1	55
1317	Knockout of microRNA-21 attenuates alcoholic hepatitis through the VHL/NF- κ B signaling pathway in hepatic stellate cells. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G385-G398.	1.6	24
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1319	Chikusetsusaponin V Inhibits LPS-Activated Inflammatory Responses via SIRT1/NF- κ B Signaling Pathway in RAW264.7 Cells. <i>Inflammation</i> , 2018, 41, 2149-2159.	1.7	27
1320	Resveratrol – Potential Antibacterial Agent against Foodborne Pathogens. <i>Frontiers in Pharmacology</i> , 2018, 9, 102.	1.6	107
1321	Resveratrol Sensitizes Carfilzomib-Induced Apoptosis via Promoting Oxidative Stress in Multiple Myeloma Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 334.	1.6	26
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1323	The Pharmacological Targets and Clinical Evidence of Natural Products With Anti-hepatic Inflammatory Properties. <i>Frontiers in Pharmacology</i> , 2018, 9, 455.	1.6	6

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1326	Role of Toll-Like Receptor 4 on Osteoblast Metabolism and Function. <i>Frontiers in Physiology</i> , 2018, 9, 504.	1.3	55
1327	Endothelial Mechanotransduction, Redox Signaling and the Regulation of Vascular Inflammatory Pathways. <i>Frontiers in Physiology</i> , 2018, 9, 524.	1.3	119
1328	Immune-Modulating Perspectives for Low Frequency Electromagnetic Fields in Innate Immunity. <i>Frontiers in Public Health</i> , 2018, 6, 85.	1.3	33
1329	Glycyrrhizin Protects Mice Against Experimental Autoimmune Encephalomyelitis by Inhibiting High-Mobility Group Box 1 (HMGB1) Expression and Neuronal HMGB1 Release. <i>Frontiers in Immunology</i> , 2018, 9, 1518.	2.2	47
1330	Functional characterization of oxazolone-induced colitis and survival improvement by vagus nerve stimulation. <i>PLoS ONE</i> , 2018, 13, e0197487.	1.1	42
1331	Resveratrol Modulates SIRT1 and DNMT Functions and Restores LINE-1 Methylation Levels in ARPE-19 Cells under Oxidative Stress and Inflammation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2118.	1.8	75
1332	Ulinastatin protects the lungs of COPD rats through the HMGB1/TLR4 signaling pathway. <i>Oncology Letters</i> , 2018, 16, 4057-4063.	0.8	10
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1335	Transcriptional Profiling Suggests Extensive Metabolic Rewiring of Human and Mouse Macrophages during Early Interferon Alpha Responses. <i>Mediators of Inflammation</i> , 2018, 2018, 1-15.	1.4	11
1336	Inhibition of Homophilic Interactions and Ligand Binding of the Receptor for Advanced Glycation End Products by Heparin and Heparin-Related Carbohydrate Structures. <i>Medicines (Basel, Switzerland)</i> , 2018, 5, 79.	0.7	4
1337	Sialidase Deficiency in <i>Porphyromonas gingivalis</i> Increases IL-12 Secretion in Stimulated Macrophages Through Regulation of CR3, lncRNA GAS5 and miR-21. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 100.	1.8	23
1338	Immunothrombotic Activity of Damage-Associated Molecular Patterns and Extracellular Vesicles in Secondary Organ Failure Induced by Trauma and Sterile Insults. <i>Frontiers in Immunology</i> , 2018, 9, 190.	2.2	47
1339	Glutathione S-Transferase Pi Prevents Sepsis-Related High Mobility Group Box-1 Protein Translocation and Release. <i>Frontiers in Immunology</i> , 2018, 9, 268.	2.2	13
1340	Triggering Receptor Expressed on Myeloid Cells-1 Signaling: Protective and Pathogenic Roles on Streptococcal Toxic-Shock-Like Syndrome Caused by <i>Streptococcus suis</i> . <i>Frontiers in Immunology</i> , 2018, 9, 577.	2.2	11
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1343	Trauma-Induced Damage-Associated Molecular Patterns-Mediated Remote Organ Injury and Immunosuppression in the Acutely Ill Patient. <i>Frontiers in Immunology</i> , 2018, 9, 1330.	2.2	95
1344	Emerging Mechanisms of Innate Immunity and Their Translational Potential in Inflammatory Bowel Disease. <i>Frontiers in Medicine</i> , 2018, 5, 32.	1.2	36
1345	Lipopolysaccharide Associates with Amyloid Plaques, Neurons and Oligodendrocytes in Alzheimer's Disease Brain: A Review. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 42.	1.7	249
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1348	Extracellular Matrix Metalloproteinase Inducer EMMPRIN (CD147) in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 507.	1.8	43
1349	Phytochemicals in Skin Cancer Prevention and Treatment: An Updated Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 941.	1.8	56
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1351	Cytoprotective Effect of Epigallocatechin Gallate (EGCG)-5-O- $\hat{1}\hat{2}$ -Glucopyranoside, a Novel EGCG Derivative. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1466.	1.8	16
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1353	Resveratrol in Patients with Minimal Hepatic Encephalopathy. <i>Nutrients</i> , 2018, 10, 329.	1.7	38
1354	Role of Damage Associated Molecular Pattern Molecules (DAMPs) in Aneurysmal Subarachnoid Hemorrhage (aSAH). <i>International Journal of Molecular Sciences</i> , 2018, 19, 2035.	1.8	65
1355	Role of Toll-like receptors and interferon regulatory factors in different experimental heart failure models of diverse etiology: IRF7 as novel cardiovascular stress-inducible factor. <i>PLoS ONE</i> , 2018, 13, e0193844.	1.1	26
1356	Resveratrol induced reactive oxygen species and endoplasmic reticulum stress-mediated apoptosis, and cell cycle arrest in the A375SM malignant melanoma cell line. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1427-1435.	1.8	52
1357	The role of neuronal nitric oxide synthase in cocaine place preference and mu opioid receptor expression in the nucleus accumbens. <i>Psychopharmacology</i> , 2018, 235, 2675-2685.	1.5	5
1358	Embryoid body test with morphological and molecular endpoints implicates potential developmental toxicity of trans-resveratrol. <i>Toxicology and Applied Pharmacology</i> , 2018, 355, 211-225.	1.3	8
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1361	Membrane-Associated Proteinase 3 on Granulocytes and Acute Myeloid Leukemia Inhibits T Cell Proliferation. <i>Journal of Immunology</i> , 2018, 201, 1389-1399.	0.4	30
1362	Anti-Inflammatory Effects of Resveratrol: Mechanistic Insights. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1812.	1.8	173
1363	Paeonol Reduces the Nucleocytoplasmic Transportation of HMGB1 by Upregulating HDAC3 in LPS-Induced RAW264.7 Cells. <i>Inflammation</i> , 2018, 41, 1536-1545.	1.7	8
1364	Establishment of malignantly transformed dendritic cell line SU3-ihDCTC induced by Glioma stem cells and study on its sensitivity to resveratrol. <i>BMC Immunology</i> , 2018, 19, 7.	0.9	12
1365	The influence of diet on anti-cancer immune responsiveness. <i>Journal of Translational Medicine</i> , 2018, 16, 75.	1.8	158
1366	Exploring the biological functional mechanism of the HMGB1/TLR4/MD-2 complex by surface plasmon resonance. <i>Molecular Medicine</i> , 2018, 24, 21.	1.9	50
1367	Natural products: a hope for glioblastoma patients. <i>Oncotarget</i> , 2018, 9, 22194-22219.	0.8	77
1368	Inflammasome Priming Mediated via Toll-Like Receptors 2 and 4, Induces Th1-Like Regulatory T Cells in De Novo Autoimmune Hepatitis. <i>Frontiers in Immunology</i> , 2018, 9, 1612.	2.2	16
1369	Distinguishing neurocysticercosis epilepsy from epilepsy of unknown etiology using a minimal serum mass profiling platform. <i>Experimental Parasitology</i> , 2018, 192, 98-107.	0.5	5
1370	Complement inhibition ameliorates blast-induced acute lung injury in rats: Potential role of complement in intracellular HMGB1-mediated inflammation. <i>PLoS ONE</i> , 2018, 13, e0202594.	1.1	27
1371	Resveratrol prevents atrial fibrillation by inhibiting atrial structural and metabolic remodeling in collagen-induced arthritis rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 1179-1190.	1.4	28
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1664	Products of <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> Strain F17 and <i>Leuconostoc lactis</i> Strain H52 Are Biopreservatives for Improving Postharvest Quality of â€œRed Globeâ€™ Grapes. <i>Microorganisms</i> , 2020, 8, 656.	1.6	8
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1744	(E)-N-(2-(3, 5-Dimethoxystyryl) phenyl) furan-2-carboxamide (BK3C231) induces cytoprotection in CCD18-Co human colon fibroblast cells through Nrf2/ARE pathway activation. <i>Scientific Reports</i> , 2021, 11, 4773.	1.6	3
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1759	Blood Biomarkers of Intestinal Epithelium Damage Regenerating Islet-derived Protein 3 β and Trefoil Factor 3 Are Persistently Elevated in Patients with Alcoholic Hepatitis. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 720-731.	1.4	5
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1772	The Role of Neuroinflammation in Post-traumatic Epilepsy. <i>Frontiers in Neurology</i> , 2021, 12, 646152.	1.1	11
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1777	Immunomodulatory Responses Of Toll Like Receptors Against 2019nCoV. <i>Russian Open Medical Journal</i> , 2021, 10, .	0.1	0
1778	The S100 Protein Family as Players and Therapeutic Targets in Pulmonary Diseases. <i>Pulmonary Medicine</i> , 2021, 2021, 1-20.	0.5	15
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1782	Aspirin Actions in Treatment of NSAID-Exacerbated Respiratory Disease. <i>Frontiers in Immunology</i> , 2021, 12, 695815.	2.2	8
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1795	Donor Hepatic Occult Collagen Deposition Predisposes to Peritransplant Stress and Impacts Human Liver Transplantation. <i>Hepatology</i> , 2021, 74, 2759-2773.	3.6	7
1796	Sustained heat stress elevated corneal and body surface temperatures and altered circulating leukocytes and metabolic indicators in wether lambs supplemented with ractopamine or zilpaterol. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	1
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1955	Selenocysteine modulates resistance to environmental stress and confers anti-aging effects in <i>C. elegans</i> . <i>Clinics</i> , 2017, 72, 491-498.	0.6	12
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1957	RAGE deficiency predisposes mice to virus-induced paucigranulocytic asthma. <i>ELife</i> , 2017, 6, .	2.8	24
1958	In silico structural homology modeling and characterization of multiple N-terminal domains of selected bacterial Tcps. <i>PeerJ</i> , 2020, 8, e10143.	0.9	2
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1960	Formononetin inhibits lipopolysaccharide-induced release of high mobility group box 1 by upregulating SIRT1 in a PPAR γ -dependent manner. <i>PeerJ</i> , 2018, 6, e4208.	0.9	21
1961	Identification of a prognostic signature of nine metabolism-related genes for hepatocellular carcinoma. <i>PeerJ</i> , 2020, 8, e9774.	0.9	9
1962	The alarmin S100A12 causes sterile inflammation of the human chorioamniotic membranes as well as preterm birth and neonatal mortality in mice. <i>Biology of Reproduction</i> , 2021, 105, 1494-1509.	1.2	13
1963	HMGB1 signaling phosphorylates Ku70 and impairs DNA damage repair in Alzheimer's disease pathology. <i>Communications Biology</i> , 2021, 4, 1175.	2.0	14
1964	Evaluation of the Molecular Mechanisms of Sepsis Using Proteomics. <i>Frontiers in Immunology</i> , 2021, 12, 733537.	2.2	17
1965	The Evolving Concept of Neuro-Thromboinflammation for Neurodegenerative Disorders and Neurotrauma: A Rationale for PAR1-Targeting Therapies. <i>Biomolecules</i> , 2021, 11, 1558.	1.8	1
1966	Quercetin Reduces Oxidative Stress and Apoptosis by Inhibiting HMGB1 and Its Translocation, Thereby Alleviating Liver Injury in ACLF Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-14.	0.5	7
1967	Lung development and immune status under chronic LPS exposure in rat pups with and without CD26/DPP4 deficiency. <i>Cell and Tissue Research</i> , 2021, 386, 617-636.	1.5	1
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1974	The interplay of immunology and cachexia in infection and cancer. <i>Nature Reviews Immunology</i> , 2022, 22, 309-321.	10.6	69
1975	The Role of Epithelial Damage in the Pulmonary Immune Response. <i>Cells</i> , 2021, 10, 2763.	1.8	44
1976	Targeting Microglial β -Synuclein/TLRs/NF- κ B/NLRP3 Inflammasome Axis in Parkinson's Disease. <i>Frontiers in Immunology</i> , 2021, 12, 719807.	2.2	71
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1980	The Effect of a Lipopolysaccharide from <i>Rhodobacter capsulatus</i> PG on Inflammation Caused by Various Influenza Strains. <i>Acta Naturae</i> , 2019, 11, 46-55.	1.7	0
1981	Icing treatment in rats with crush syndrome can improve survival through reduction of potassium concentration and mitochondrial function disorder effect. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 777-785.	0.8	5
1982	Effects of cardiopulmonary bypass on the development of lymphopenia and sepsis after cardiac surgery in children with congenital cardiopathy. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 435-442.	0.8	3
1983	Protective effect and mechanism of mesenchymal stem cells on heat stroke induced intestinal injury. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 3041-3050.	0.8	1
1984	Current views in chronic obstructive pulmonary disease pathogenesis and management. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 1361-1373.	1.2	15
1985	Resveratrol Targets a Variety of Oncogenic and Oncosuppressive Signaling for Ovarian Cancer Prevention and Treatment. <i>Antioxidants</i> , 2021, 10, 1718.	2.2	9
1986	Age-related immune alterations and cerebrovascular inflammation. <i>Molecular Psychiatry</i> , 2022, 27, 803-818.	4.1	55
1987	Divergent COVID-19 Disease Trajectories Predicted by a DAMP-Centered Immune Network Model. <i>Frontiers in Immunology</i> , 2021, 12, 754127.	2.2	10
1988	Endotoxins and Non-Alcoholic Fatty Liver Disease. <i>Frontiers in Endocrinology</i> , 2021, 12, 770986.	1.5	40
1989	Self-extracellular RNA promotes pro-inflammatory response of astrocytes to exogenous and endogenous danger signals. <i>Journal of Neuroinflammation</i> , 2021, 18, 252.	3.1	13

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1991	Dynamics of HMBG1 (High Mobility Group Box 1) during radiochemotherapy correlate with outcome of HNSCC patients. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 194-200.	1.0	7
1992	Sepsis: avoiding its deadly toll. <i>Journal of Clinical Investigation</i> , 2004, 113, 1387-1389.	3.9	13
1993	Network Pharmacology-Based and Molecular Docking Analysis of Resveratrol's Pharmacological Effects on Type I Endometrial Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1933-1944.	0.9	3
1994	Tasquinimod efficacy and S100A9 expression in glucose-treated HREC cells. <i>International Ophthalmology</i> , 2022, 42, 661-676.	0.6	4
1995	Role of Damage-Associated Molecular Pattern/Cell Death Pathways in Vaccine-Induced Immunity. <i>Viruses</i> , 2021, 13, 2340.	1.5	6
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1998	The Impact of Inflammation on the Immune Responses to Transplantation: Tolerance or Rejection?. <i>Frontiers in Immunology</i> , 2021, 12, 667834.	2.2	18
1999	Mobilizing Endogenous Repair Through Understanding Immune Reaction With Biomaterials. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 730938.	2.0	8
2000	Potential Nutrients from Natural and Synthetic Sources Targeting Inflammation: A Review of Literature, Clinical Data and Patents. <i>Nutrients</i> , 2021, 13, 4058.	1.7	8
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2002	The Serine Protease CD26/DPP4 in Non-Transformed and Malignant T Cells. <i>Cancers</i> , 2021, 13, 5947.	1.7	8
2003	The regulatory mechanism of neutrophil extracellular traps in cancer biological behavior. <i>Cell and Bioscience</i> , 2021, 11, 193.	2.1	18
2004	Keratins as an Inflammation Trigger Point in Epidermolysis Bullosa Simplex. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12446.	1.8	14
2005	Andrographis paniculata Formulations: Impact on Diterpene Lactone Oral Bioavailability. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2022, 47, 19-30.	0.6	13
2006	Signaling pathways and intervention therapies in sepsis. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 407.	7.1	73
2007	Structural Evolution of TIR-Domain Signalosomes. <i>Frontiers in Immunology</i> , 2021, 12, 784484.	2.2	27

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2009	Reactive Oxygen Species: Do They Play a Role in Adaptive Immunity?. <i>Frontiers in Immunology</i> , 2021, 12, 755856.	2.2	17
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2011	Dynamic Multiscale Regulation of Perfusion Recovery in Experimental Peripheral Arterial Disease. <i>JACC Basic To Translational Science</i> , 2022, 7, 28-50.	1.9	6
2012	FGF21 alleviates acute liver injury by inducing the SIRT1 autophagy signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 868-879.	1.6	18
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2016	Obesity and Male Reproduction: Do Sirtuins Play a Role?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 973.	1.8	11
2017	Synapses, Microglia, and Lipids in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 778822.	1.4	10
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2023	Viral and cellular oncogenes promote immune evasion. <i>Oncogene</i> , 2022, 41, 921-929.	2.6	12
2024	Human Dermcidin Protects Mice Against Hepatic Ischemia-Reperfusion-Induced Local and Remote Inflammatory Injury. <i>Frontiers in Immunology</i> , 2021, 12, 821154.	2.2	4
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2028	Differences in Immune-Related Genes Underlie Temporal and Regional Pathological Progression in 3xTg-AD Mice. <i>Cells</i> , 2022, 11, 137.	1.8	6
2029	RNAi Screen of RING/U-Box Domain Ubiquitin Ligases Identifies Critical Regulators of Tissue Regeneration in Planarians. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 803419.	1.8	1
2030	The Role of High Mobility Group Box 1 (HMGB1) in Neurodegeneration: A Systematic Review. <i>Current Neuropharmacology</i> , 2022, 20, 2221-2245.	1.4	3
2031	HMGB1-mediated restriction of EPO signaling contributes to anemia of inflammation. <i>Blood</i> , 2022, 139, 3181-3193.	0.6	23
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2035	Selected Natural Products in Neuroprotective Strategies for Alzheimer's Disease? A Non-Systematic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1212.	1.8	6
2036	Inhibition of Connexin 36 attenuates HMGB1-mediated depressive-like behaviors induced by chronic unpredictable mild stress. <i>Brain and Behavior</i> , 2022, 12, e2470.	1.0	5
2037	Genetic and epigenetic mechanisms influencing acute to chronic postsurgical pain transitions in pediatrics: Preclinical to clinical evidence. <i>Canadian Journal of Pain</i> , 2022, 6, 85-107.	0.6	5
2038	Transcriptional alterations in bladder epithelial cells in response to infection with different morphological states of uropathogenic <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2022, 12, 486.	1.6	3
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2040	Hydrochloric acid-treated <i>Bacillus subtilis</i> ghosts induce IL-1 beta, IL-6, and TNF-alpha in murine macrophage. <i>Molecular and Cellular Toxicology</i> , 2022, 18, 267-276.	0.8	5
2041	Effects of mechanical stimulation on metabolomic profiles of SW1353 chondrocytes: shear and compression. <i>Biology Open</i> , 2022, 11, .	0.6	5
2042	SKAP2 suppresses inflammation-mediated tumorigenesis by regulating SHP-1 and SHP-2. <i>Oncogene</i> , 2022, 41, 1087-1099.	2.6	8
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2045	Photodynamic Therapy-Induced Cyclooxygenase 2 Expression in Tumor-Draining Lymph Nodes Regulates Cell Expression of Interleukin 17 and Neutrophil Infiltration. <i>Photochemistry and Photobiology</i> , 2022, 98, 1207-1214.	1.3	3
2046	Oxidative stress and inflammatory markers in patients with COVID-19: Potential role of RAGE, HMGB1, GFAP and COX-2 in disease severity. <i>International Immunopharmacology</i> , 2022, 104, 108502.	1.7	30
2047	Interferon- β Preferentially Promotes Necroptosis of Lung Epithelial Cells by Upregulating MLKL. <i>Cells</i> , 2022, 11, 563.	1.8	9
2048	The Yin and Yang of Immunity in Stem Cell Decision Guidance in Tissue Ecologies: An Infection Independent Perspective. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 793694.	1.8	2
2049	Molecular Basis of Resveratrol-Induced Resensitization of Acquired Drug-Resistant Cancer Cells. <i>Nutrients</i> , 2022, 14, 699.	1.7	16
2050	Heparan sulfate-dependent RAGE oligomerization is indispensable for pathophysiological functions of RAGE. <i>ELife</i> , 2022, 11, .	2.8	4
2051	Physical Exercise Repairs Obstructive Jaundice-Induced Damage to Intestinal Mucosal Barrier Function via H ₂ S-Mediated Regulation of the HMGB1/Toll Like Receptors 4/Nuclear Factor Kappa B Pathway. <i>Frontiers in Physiology</i> , 2021, 12, 732780.	1.3	1
2052	Very low concentration of lipopolysaccharide can induce the production of various cytokines and chemokines in human primary monocytes. <i>BMC Research Notes</i> , 2022, 15, 42.	0.6	11
2053	All-Trans Retinoic Acid-Preconditioned Mesenchymal Stem Cells Improve Motor Function and Alleviate Tissue Damage After Spinal Cord Injury by Inhibition of HMGB1/NF- κ B/NLRP3 Pathway Through Autophagy Activation. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 947-962.	1.1	6
2054	Ferroptosis in cancer and cancer immunotherapy. <i>Cancer Communications</i> , 2022, 42, 88-116.	3.7	179
2055	Time-dependent expression of high-mobility group box-1 and toll-like receptors proteins as potential determinants of skin wound age in rats: Forensic implication. <i>International Journal of Legal Medicine</i> , 2022, 136, 1781-1789.	1.2	5
2056	Design, Synthesis and Cytotoxicity of Thiazole-Based Stilbene Analogs as Novel DNA Topoisomerase IB Inhibitors. <i>Molecules</i> , 2022, 27, 1009.	1.7	5
2057	The Art of War: Ferroptosis and Pancreatic Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 773909.	1.6	12
2058	Parenchymal neuroinflammatory signaling and dural neurogenic inflammation in migraine. <i>Journal of Headache and Pain</i> , 2021, 22, 138.	2.5	30
2059	Green-synthesized gold nanoparticles from black tea extract enhance the chemosensitivity of doxorubicin in HCT116 cells via a ROS-dependent pathway. <i>RSC Advances</i> , 2022, 12, 8996-9007.	1.7	6
2060	LPS-TLR4/MD-2-TNF- α signaling mediates alcohol-induced liver fibrosis in rats. <i>Journal of Toxicologic Pathology</i> , 2022, 35, 193-203.	0.3	7
2061	A genome-wide association study in a large community-based cohort identifies multiple loci associated with susceptibility to bacterial and viral infections. <i>Scientific Reports</i> , 2022, 12, 2582.	1.6	9

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2063	The Correlation of Lipid Peroxidation and Antioxidant Capacity on Perioperative Outcomes in On-Pump CABG in Adults. <i>Medical Journal of the Islamic Republic of Iran</i> , 0, , .	0.9	0
2064	Korean red ginseng saponin fraction exerts anti-inflammatory effects by targeting the NF- κ B and AP-1 pathways. <i>Journal of Ginseng Research</i> , 2022, , .	3.0	13
2065	The Role of HMGB1 in Rheumatic Diseases. <i>Frontiers in Immunology</i> , 2022, 13, 815257.	2.2	9
2066	The Effects of a Meldonium Pre-Treatment on the Course of the LPS-Induced Sepsis in Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2395.	1.8	7
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2068	Cytokine-Induced JAK2-STAT3 Activates Tissue Regeneration under Systemic or Local Inflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2262.	1.8	3
2069	Anti-Septic Functions of Cornuside against HMGB1-Mediated Severe Inflammatory Responses. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2065.	1.8	5
2070	Differential Response of Phenol Metabolism Associated with Antioxidative Network in Elicited Grapevine Suspension Cultured Cells under Saline Conditions. <i>Antioxidants</i> , 2022, 11, 388.	2.2	4
2071	The mechanism of HMGB1 secretion and release. <i>Experimental and Molecular Medicine</i> , 2022, 54, 91-102.	3.2	225
2072	Soluble Immune Checkpoints Are Dysregulated in COVID-19 and Heavy Alcohol Users With HIV Infection. <i>Frontiers in Immunology</i> , 2022, 13, 833310.	2.2	10
2073	Role of Base Excision Repair in Innate Immune Cells and Its Relevance for Cancer Therapy. <i>Biomedicines</i> , 2022, 10, 557.	1.4	1
2074	On Health Effects of Resveratrol in Wine. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3110.	1.2	10
2075	Dietary herbaceous mixture supplementation reduced hepatic lipid deposition and improved hepatic health status in post-peak laying hens. <i>Poultry Science</i> , 2022, 101, 101870.	1.5	10
2076	New Insights into Hemopexin-Binding to Hemin and Hemoglobin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3789.	1.8	4
2077	Natural Compounds as Promising Adjuvant Agents in The Treatment of Gliomas. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3360.	1.8	20
2078	Development of a bead-based multiplex assay to quantify bovine interleukin-10, tumor necrosis factor- $\hat{1}\pm$, and interferon- $\hat{1}3$ concentrations in plasma and cell culture supernatant. <i>JDS Communications</i> , 2022, 3, 207-211.	0.5	7
2079	Necroptosis in Solid Organ Transplantation: A Literature Overview. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3677.	1.8	5

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2081	MicroRNA-23a-3p targeting of HMGB1 inhibits LPS-induced inflammation in murine macrophages <i>in vitro</i> . <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 322.	0.8	0
2082	Investigating key cell types and molecules dynamics in PyMT mice model of breast cancer through a mathematical model. <i>PLoS Computational Biology</i> , 2022, 18, e1009953.	1.5	5
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2084	The role of NAD and NAD precursors on longevity and lifespan modulation in the budding yeast, <i>Saccharomyces cerevisiae</i> . <i>Biogerontology</i> , 2022, 23, 169-199.	2.0	7
2085	Dietary resveratrol improved production performance, egg quality, and intestinal health of laying hens under oxidative stress. <i>Poultry Science</i> , 2022, 101, 101886.	1.5	10
2086	Targeting Chemokines and Chemokine GPCRs to Enhance Strong Opioid Efficacy in Neuropathic Pain. <i>Life</i> , 2022, 12, 398.	1.1	5
2087	Salvianolic acid B improves the survival rate, acute kidney dysfunction, inflammation and NETosis-mediated antibacterial action in a crush syndrome rat model. <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 320.	0.8	7
2088	The transmembrane adapter SCIMP recruits tyrosine kinase Syk to phosphorylate Toll-like receptors to mediate selective inflammatory outputs. <i>Journal of Biological Chemistry</i> , 2022, 298, 101857.	1.6	5
2089	Extracellular HMGB1 Impairs Macrophage-Mediated Efferocytosis by Suppressing the Rab43-Controlled Cell Surface Transport of CD91. <i>Frontiers in Immunology</i> , 2022, 13, 767630.	2.2	7
2090	Is Nucleoredoxin a Master Regulator of Cellular Redox Homeostasis? Its Implication in Different Pathologies. <i>Antioxidants</i> , 2022, 11, 670.	2.2	6
2091	Calceolarioside A, a Phenylpropanoid Glycoside from <i>Calceolaria</i> spp., Displays Antinociceptive and Anti-Inflammatory Properties. <i>Molecules</i> , 2022, 27, 2183.	1.7	10
2092	The bidirectional lung brain-axis of amyloid- β^2 pathology: ozone dysregulates the peri-plaque microenvironment. <i>Brain</i> , 2023, 146, 991-1005.	3.7	17
2093	Contribution of the Microbiome, Environment, and Genetics to Mucosal Type 2 Immunity and Anaphylaxis in a Murine Food Allergy Model. <i>Frontiers in Allergy</i> , 2022, 3, .	1.2	3
2094	sEH-derived metabolites of linoleic acid drive pathologic inflammation while impairing key innate immune cell function in burn injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120691119.	3.3	23
2095	Resveratrol analogue, HS-1793, inhibits inflammatory mediator release from macrophages by interfering with the TLR4 mediated NF- κ B activation. <i>Food Science and Biotechnology</i> , 2022, 31, 433-441.	1.2	5
2096	Zeb1 regulation of wound-healing-induced inflammation in alkali-damaged corneas. <i>IScience</i> , 2022, 25, 104038.	1.9	9
2097	Food Involvement, Food Choices, and Bioactive Compounds Consumption Correlation during COVID-19 Pandemic: How Food Engagement Influences Consumers' Food Habits. <i>Nutrients</i> , 2022, 14, 1490.	1.7	3

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2102	The Janus-like role of neuraminidase isoenzymes in inflammation. <i>FASEB Journal</i> , 2022, 36, e22285.	0.2	9
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2105	Doxorubicin induced immune abnormalities and inflammatory responses via HMGB1, HIF1- β and VEGF pathway in progressive of cardiovascular damage. <i>Annals of Medicine and Surgery</i> , 2022, 76, 103501.	0.5	20
2106	Ginsenoside Rh4 Suppresses Metastasis of Gastric Cancer via SIX1-Dependent TGF- β 2/Smad2/3 Signaling Pathway. <i>Nutrients</i> , 2022, 14, 1564.	1.7	15
2107	Computational Analysis and Biological Activities of Oxyresveratrol Analogues, the Putative Cyclooxygenase-2 Inhibitors. <i>Molecules</i> , 2022, 27, 2346.	1.7	3
2108	Modular engineering of E. coli coculture for efficient production of resveratrol from glucose and arabinose mixture. <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 718-729.	1.8	13
2109	Injectable cartilage matrix hydrogel loaded with cartilage endplate stem cells engineered to release exosomes for non-invasive treatment of intervertebral disc degeneration. <i>Bioactive Materials</i> , 2022, 15, 29-43.	8.6	30
2110	Old and New Players of Inflammation and Their Relationship With Cancer Development. <i>Frontiers in Oncology</i> , 2021, 11, 722999.	1.3	14
2111	DCN released from ferroptotic cells ignites ACER-dependent immune responses. <i>Autophagy</i> , 2022, 18, 2036-2049.	4.3	51
2112	Current Advancements of Plant-Derived Agents for Triple-Negative Breast Cancer Therapy through Deregulating Cancer Cell Functions and Reprogramming Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13571.	1.8	8
2113	Role of RAGE and Its Ligands on Inflammatory Responses to Brain Tumors. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 770472.	1.8	8
2114	Identification of an ASC oligomerization inhibitor for the treatment of inflammatory diseases. <i>Cell Death and Disease</i> , 2021, 12, 1155.	2.7	27
2115	Detecting Critical Functional Ingredients Group and Mechanism of Xuebijing Injection in Treating Sepsis. <i>Frontiers in Pharmacology</i> , 2021, 12, 769190.	1.6	4

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2118	Bioactive small-molecule constituents of Lao plants. <i>Journal of Medicinal Plants Research</i> , 2021, 15, 540-559.	0.2	3
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2122	<i>In silico</i> prediction and interaction of resveratrol on methyl-CpG binding proteins by molecular docking and MD simulations study. <i>RSC Advances</i> , 2022, 12, 11493-11504.	1.7	5
2123	Tissue chaperoning—the expanded functions of fetuin-A beyond inhibition of systemic calcification. <i>Pflugers Archiv European Journal of Physiology</i> , 2022, 474, 949-962.	1.3	14
2124	Neutrophil/Lymphocyte ratio is associated with poor clinical outcome after mechanical thrombectomy in stroke in patients with COVID-19. <i>Interventional Neuroradiology</i> , 2023, 29, 386-392.	0.7	0
2125	SIRT6 Activator UBCS039 Inhibits Thioacetamide-Induced Hepatic Injury In Vitro and In Vivo. <i>Frontiers in Pharmacology</i> , 2022, 13, 837544.	1.6	7
2126	Effect of an acute exercise on early responses of iron and iron regulatory proteins in young female basketball players. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, 69.	0.7	3
2127	Active Release of eCIRP via Gasdermin D Channels to Induce Inflammation in Sepsis. <i>Journal of Immunology</i> , 2022, 208, 2184-2195.	0.4	15
2128	Nonoxid-HMGB1 Attenuates Cognitive Impairment After Traumatic Brain Injury in Rats. <i>Frontiers in Medicine</i> , 2022, 9, 827585.	1.2	1
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2135	The role of bacterial translocation in sepsis: a new target for therapy. <i>Therapeutic Advances in Gastroenterology</i> , 2022, 15, 175628482210942.	1.4	12
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2138	Grape-Seed-Derived Procyanidin Attenuates Chemotherapy-Induced Cognitive Impairment by Suppressing MMP-9 Activity and Related Blood-Brain-Barrier Damage. <i>Brain Sciences</i> , 2022, 12, 571.	1.1	4

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2143	Functional Hallmarks of Healthy Macrophage Responses: Their Regulatory Basis and Disease Relevance. <i>Annual Review of Immunology</i> , 2022, 40, 295-321.	9.5	33
2144	Association of serum hepatoma-derived growth factor levels with disease activity in rheumatoid arthritis: A pilot study. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, e24474.	0.9	1
2145	Associations between the dietary inflammatory index with obesity and body fat in male adolescents. <i>BMC Endocrine Disorders</i> , 2022, 22, 115.	0.9	10
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2148	A novel methodological approach to simultaneously extract high-quality total RNA and proteins from cortical and trabecular bone. <i>Open Biology</i> , 2022, 12, 210387.	1.5	4
2149	Alcohol and Health Outcomes: An Umbrella Review of Meta-Analyses Base on Prospective Cohort Studies. <i>Frontiers in Public Health</i> , 2022, 10, .	1.3	9
2150	Antiaging agents: safe interventions to slow aging and healthy life span extension. <i>Natural Products and Bioprospecting</i> , 2022, 12, 18.	2.0	31
2151	Potential application of ginseng in sepsis. <i>Journal of Ginseng Research</i> , 2022, , .	3.0	1
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2153	The immunobiology of preterm labor and birth: intra-amniotic inflammation or breakdown of maternal-fetal homeostasis. <i>Reproduction</i> , 2022, 164, R11-R45.	1.1	37
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2155	A TLR4-independent critical role for CD14 in intracellular LPS sensing. <i>Cell Reports</i> , 2022, 39, 110755.	2.9	25
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2171	Fish Hydrolysate Supplementation Prevents Stress-Induced Dysregulation of Hippocampal Proteins Relative to Mitochondrial Metabolism and the Neuronal Network in Mice. <i>Foods</i> , 2022, 11, 1591.	1.9	2
2172	Selenium Antagonizes Cadmium-Induced Inflammation and Oxidative Stress via Suppressing the Interplay between NLRP3 Inflammasome and HMGB1/NF- κ B Pathway in Duck Hepatocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6252.	1.8	3
2173	Mitochondria and their potential role in acute lung injury (Review). <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	5
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2180	Antitumor Potential of Immunomodulatory Natural Products. <i>Marine Drugs</i> , 2022, 20, 386.	2.2	18
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2183	Trans-Resveratrol Decreases Membrane Water Permeability: A Study of Cholesterol-Dependent Interactions. <i>Journal of Membrane Biology</i> , 2022, 255, 575-590.	1.0	4
2184	Clarithromycin prevents preterm birth and neonatal mortality by dampening alarmin-induced maternal fetal inflammation in mice. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, .	0.9	8
2185	Novel aspects of sepsis pathophysiology: NETs, plasma glycoproteins, endotheliopathy and COVID-19. <i>Journal of Pharmacological Sciences</i> , 2022, 150, 9-20.	1.1	7
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2187	The STING1-MYD88 complex drives ACOD1/IRG1 expression and function in lethal innate immunity. <i>IScience</i> , 2022, 25, 104561.	1.9	12
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2191	Effects of Corilagin on Lipopolysaccharide-Induced Acute Lung Injury via Regulation of NADPH Oxidase 2 and ERK/NF- κ B Signaling Pathways in a Mouse Model. <i>Biology</i> , 2022, 11, 1058.	1.3	2
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2194	Jieduanâ€“Niwan Formula Ameliorates Oxidative Stress and Apoptosis in Acute-on-Chronic Liver Failure by Suppressing HMGB1/TLR-4/NF- κ B Signaling Pathway: A Study In Vivo and In Vitro. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-15.	0.5	1
2195	The Use of Dietary Supplements and Amino Acid Restriction Interventions to Reduce Frailty in Pre-Clinical Models. <i>Nutrients</i> , 2022, 14, 2806.	1.7	0
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2197	Think Beyond Particle Cytotoxicity: When Self-Cellular Components Released After Immunogenic Cell Death Explain Chronic Disease Development. <i>Frontiers in Toxicology</i> , 0, 4, .	1.6	3
2198	Fine-tuning of regulatory T cells is indispensable for the metabolic steatosis-related hepatocellular carcinoma: A review. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	12
2199	Dao-Chi Powder Ameliorates Pancreatitis-Induced Intestinal and Cardiac Injuries via Regulating the Nrf2-HO-1-HMGB1 Signaling Pathway in Rats. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
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2202	Enhanced biological activity of liposomal methylated resveratrol analog 3- β -hydroxy-3,4,5,4-tetramethoxystilbene (DMU-214) in 3D patient-derived ovarian cancer model. <i>Drug Delivery</i> , 2022, 29, 2459-2468.	2.5	2
2203	Rhesus rotavirus receptorâ€“binding site affects high mobility group box 1 release, altering the pathogenesis of experimental biliary atresia. <i>Hepatology Communications</i> , 2022, 6, 2702-2714.	2.0	2
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2207	Electrochemical Signal Amplification Strategies and Their Use in Olfactory and Taste Evaluation. <i>Biosensors</i> , 2022, 12, 566.	2.3	9
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2209	Dietary Components Consisting of Bioactive Molecules in the Prevention of Neurodegenerative Diseases. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2022, , 73-100.	0.1	0
2210	Mechanism research and treatment progress of NAD pathway related molecules in tumor immune microenvironment. <i>Cancer Cell International</i> , 2022, 22, .	1.8	3

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2215	Probiotics for preventing acute upper respiratory tract infections. <i>The Cochrane Library</i> , 2022, 2022, .	1.5	12
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2221	Microglial polarization in TBI: Signaling pathways and influencing pharmaceuticals. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	11
2222	Characterization and Quantification of Oxidized High Mobility Group Box 1 Proteoforms Secreted from Hepatocytes by Toxic Levels of Acetaminophen. <i>Chemical Research in Toxicology</i> , 2022, 35, 1893-1902.	1.7	7
2223	Metabolic Injury of Hepatocytes Promotes Progression of NAFLD and AALD. <i>Seminars in Liver Disease</i> , 2022, 42, 233-249.	1.8	8
2224	Antioxidant, Antiproliferative and Anti-Enzymatic Capacities, Nutritional Analysis and UHPLC-PDA-MS Characterization of Ungurahui Palm Fruits (<i>Oenocarpus bataua</i> Mart) from the Peruvian Amazon. <i>Antioxidants</i> , 2022, 11, 1598.	2.2	2
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2226	67-kDa Laminin Receptor-Mediated Cellular Sensing System of Green Tea Polyphenol EGCG and Functional Food Pairing. <i>Molecules</i> , 2022, 27, 5130.	1.7	13
2227	In silico structural homology modeling and functional characterization of <i>Mycoplasma gallisepticum</i> variable lipoprotein hemagglutinin proteins. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	0
2228	The Role of Neuro-Immune Interactions in Chronic Pain: Implications for Clinical Practice. <i>Journal of Pain Research</i> , 0, Volume 15, 2223-2248.	0.8	8

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2230	Metabolic Pathways as a Novel Landscape in Pancreatic Ductal Adenocarcinoma. <i>Cancers</i> , 2022, 14, 3799.	1.7	2
2231	Innate Immunity Mechanisms in Marine Multicellular Organisms. <i>Marine Drugs</i> , 2022, 20, 549.	2.2	5
2232	Platelets in the Networks interweaving inflammation and thrombosis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	25
2233	Sepsis and Acute Kidney Injury: A Review Focusing on the Bidirectional Interplay. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9159.	1.8	17
2234	The value of postoperative HLA-DR expression and high mobility group box 1 level in predictive diagnosis of sepsis in percutaneous nephrolithotomy surgery. <i>Renal Failure</i> , 2022, 44, 1339-1345.	0.8	2
2235	Cytosolic HMGB1 Mediates LPS-Induced Autophagy in Microglia by Interacting with NOD2 and Suppresses Its Proinflammatory Function. <i>Cells</i> , 2022, 11, 2410.	1.8	5
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2238	Clenbuterol attenuates immune reaction to lipopolysaccharide and its relationship to anhedonia in adolescents. <i>Brain, Behavior, and Immunity</i> , 2022, 106, 89-99.	2.0	3
2239	Patient-Derived Pancreatic Cancer Cells Induce C2C12 Myotube Atrophy by Releasing Hsp70 and Hsp90. <i>Cells</i> , 2022, 11, 2756.	1.8	6
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2241	Immune dysfunction following severe trauma: A systems failure from the central nervous system to mitochondria. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	8
2242	p38-dependent c-Jun degradation contributes to reduced PGE ₂ production in sodium orthovanadate-treated macrophages. <i>BMB Reports</i> , 2022, 55, 389-394.	1.1	1
2243	Immunomodulatory Effects of <i>Bifidobacterium</i> spp. and Use of <i>Bifidobacterium breve</i> and <i>Bifidobacterium longum</i> on Acute Diarrhea in Children. <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 1186-1194.	0.9	4
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2310	Progress in Research on TLR4-Mediated Inflammatory Response Mechanisms in Brain Injury after Subarachnoid Hemorrhage. <i>Cells</i> , 2022, 11, 3781.	1.8	4
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2327	Review: The role of HMGB1 in spinal cord injury. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
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2329	Mechanistic Insights and Potential Therapeutic Approaches in PolyQ Diseases via Autophagy. <i>Biomedicines</i> , 2023, 11, 162.	1.4	2
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2331	Cardiac repair after myocardial infarction: A two-sided role of inflammation-mediated. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	3
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2334	Danger signals in traumatic hemorrhagic shock and new lines for clinical applications. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	3
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2346	Immunogenic cell death: The cornerstone of oncolytic viro-immunotherapy. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
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2350	Severe Trauma-Induced Coagulopathy: Molecular Mechanisms Underlying Critical Illness. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7118.	1.8	4
2351	Oncolytic virotherapy: basic principles, recent advances and future directions. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	30
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2367	Bio-Guided Isolation of Compounds from <i>Fraxinus excelsior</i> Leaves with Anti-Inflammatory Activity. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3750.	1.8	3
2368	Heparan sulfates and heparan sulfate binding proteins in sepsis. <i>Frontiers in Molecular Biosciences</i> , 0, 10, .	1.6	4
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2371	The Role of Inflammation in The Cellular and Molecular Mechanisms of Cardiopulmonary Complications of Sickle Cell Disease. <i>Biomolecules</i> , 2023, 13, 381.	1.8	3
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2374	Bioactive Compounds as Inhibitors of Inflammation, Oxidative Stress and Metabolic Dysfunctions via Regulation of Cellular Redox Balance and Histone Acetylation State. <i>Foods</i> , 2023, 12, 925.	1.9	8
2375	Enhancement of reactive oxygen species production in triple negative breast cancer cells treated with electric pulses and resveratrol. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , 42-56.	0.5	1
2376	An Emerging Role for Type I Interferons as Critical Regulators of Blood Coagulation. <i>Cells</i> , 2023, 12, 778.	1.8	6
2377	Resveratrol Ameliorates Vancomycin-Induced Testicular Dysfunction in Male Rats. <i>Medicina (Lithuania)</i> , 2023, 59, 486.	0.8	1
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2384	Mechanisms of Foreign Body Giant Cell Formation in Response to Implantable Biomaterials. <i>Polymers</i> , 2023, 15, 1313.	2.0	5
2385	Recent Developments in Polyphenol Applications on Human Health: A Review with Current Knowledge. <i>Plants</i> , 2023, 12, 1217.	1.6	30
2386	Dialog beyond the Grave: Necrosis in the Tumor Microenvironment and Its Contribution to Tumor Growth. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5278.	1.8	4
2387	Nutritional Support for Alcoholic Liver Disease. <i>Nutrients</i> , 2023, 15, 1360.	1.7	3
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#	ARTICLE	IF	CITATIONS
2391	Interplay of Vitamin D and SIRT1 in Tissue-Specific Metabolism—Potential Roles in Prevention and Treatment of Non-Communicable Diseases Including Cancer. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6154.	1.8	3
2392	Release of High-Mobility Group Box-1 after a Raynaud's Attack Leads to Fibroblast Activation and Interferon- β Induced Protein-10 Production: Role in Systemic Sclerosis Pathogenesis. <i>Antioxidants</i> , 2023, 12, 794.	2.2	2
2393	Potential antiviral activities of chrysin against hepatitis B virus. <i>Gut Pathogens</i> , 2023, 15, .	1.6	4
2394	The Role of Cytokines in Cholesterol Accumulation in Cells and Atherosclerosis Progression. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6426.	1.8	5
2395	Organosulfur Compound Identified from <i>Striga angustifolia</i> (D. Don) C.J. Saldanha Inhibits Lung Cancer Growth and Induces Apoptosis via p53/mTOR Signaling Pathway. <i>Applied Biochemistry and Biotechnology</i> , 2023, 195, 7277-7297.	1.4	2
2396	Necrotic cardiac myocytes skew macrophage polarization towards a classically activated phenotype. <i>PLoS ONE</i> , 2023, 18, e0282921.	1.1	0
2397	Downregulation of circ-YES1 suppresses NSCLC migration and proliferation through the miR-142-3p/HMGB1 axis. <i>Respiratory Research</i> , 2023, 24, .	1.4	3
2398	Resveratrol Protects against Skin Inflammation through Inhibition of Mast Cell, Sphingosine Kinase-1, Stat3 and NF- κ B p65 Signaling Activation in Mice. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6707.	1.8	4
2399	An Overview of Bioactive Phenolic Molecules and Antioxidant Properties of Beer: Emerging Trends. <i>Molecules</i> , 2023, 28, 3221.	1.7	3
2400	Between the Devil and the Deep Blue Sea—Resveratrol, Sulfotransferases and Sulfatases—A Long and Turbulent Journey from Intestinal Absorption to Target Cells. <i>Molecules</i> , 2023, 28, 3297.	1.7	2
2401	A Whey-Based Diet Can Ameliorate the Effects of LPS-Induced Growth Attenuation in Young Rats. <i>Nutrients</i> , 2023, 15, 1823.	1.7	1
2402	Studies on the Anticancer and Antioxidant Activities of Resveratrol and Long-Chain Fatty Acid Esters. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7167.	1.8	4
2403	Autophagy and Breast Cancer: Connected in Growth, Progression, and Therapy. <i>Cells</i> , 2023, 12, 1156.	1.8	7
2404	HMGB1, angel or devil, in ischemic stroke. <i>Brain and Behavior</i> , 2023, 13, .	1.0	4
2405	The Use of Specialized Pro-Resolving Mediators in Biomaterial-Based Immunomodulation. <i>Journal of Functional Biomaterials</i> , 2023, 14, 223.	1.8	2
2406	Human dendritic cell maturation induced by amorphous silica nanoparticles is Syk-dependent and triggered by lipid raft aggregation. <i>Particle and Fibre Toxicology</i> , 2023, 20, .	2.8	2
2407	Galactin-3, a damage-associated molecular pattern, in tears of patients with vernal keratoconjunctivitis. <i>Japanese Journal of Ophthalmology</i> , 0, , .	0.9	2
2412	Role of phytopharmaceuticals in inflammatory disorders. , 2023, , 433-451.		0

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