

Dongdong Wu

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,813
citations

201575

27
h-index

197736

49
g-index

86
all docs

86
docs citations

86
times ranked

3805
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Hydrogen Sulfide in Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-16.	1.9	283
2	Peptide-based cancer therapy: Opportunity and challenge. <i>Cancer Letters</i> , 2014, 351, 13-22.	3.2	256
3	Hydrogen sulfide in cancer: Friend or foe?. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 50, 38-45.	1.2	171
4	Hydrogen sulfide acts as a double-edged sword in human hepatocellular carcinoma cells through EGFR/ERK/MMP-2 and PTEN/AKT signaling pathways. <i>Scientific Reports</i> , 2017, 7, 5134.	1.6	93
5	Exogenous hydrogen sulfide mitigates the fatty liver in obese mice through improving lipid metabolism and antioxidant potential. <i>Medical Gas Research</i> , 2015, 5, 1.	1.2	88
6	Hydrogen sulfide and autophagy: A double edged sword. <i>Pharmacological Research</i> , 2018, 131, 120-127.	3.1	87
7	Hydrogen sulfide ameliorates chronic renal failure in rats by inhibiting apoptosis and inflammation through ROS/MAPK and NF- κ B signaling pathways. <i>Scientific Reports</i> , 2017, 7, 455.	1.6	85
8	Thrombospondin1 Deficiency Reduces Obesity-Associated Inflammation and Improves Insulin Sensitivity in a Diet-Induced Obese Mouse Model. <i>PLoS ONE</i> , 2011, 6, e26656.	1.1	83
9	IMCA Induces Ferroptosis Mediated by SLC7A11 through the AMPK/mTOR Pathway in Colorectal Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	75
10	Skin cancer biology and barriers to treatment: Recent applications of polymeric micro/nanostructures. <i>Journal of Advanced Research</i> , 2022, 36, 223-247.	4.4	61
11	A novel hydrogen sulfide-releasing donor, HA-ADT, suppresses the growth of human breast cancer cells through inhibiting the PI3K/AKT/mTOR and Ras/Raf/MEK/ERK signaling pathways. <i>Cancer Letters</i> , 2019, 455, 60-72.	3.2	58
12	Hydrogen Sulfide Targets EGFR Cys797/Cys798 Residues to Induce Na ⁺ /K ⁺ -ATPase Endocytosis and Inhibition in Renal Tubular Epithelial Cells and Increase Sodium Excretion in Chronic Salt-Loaded Rats. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2061-2082.	2.5	54
13	Hydrogen sulfide promotes angiogenesis by downregulating miR-640 via the VEGFR2/mTOR pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C305-C317.	2.1	54
14	A combination therapy of Phages and Antibiotics: Two is better than one. <i>International Journal of Biological Sciences</i> , 2021, 17, 3573-3582.	2.6	54
15	Thrombospondin 1 activates the macrophage Toll-like receptor 4 pathway. <i>Cellular and Molecular Immunology</i> , 2013, 10, 506-512.	4.8	49
16	Hydrogen Sulfide Biology and Its Role in Cancer. <i>Molecules</i> , 2022, 27, 3389.	1.7	47
17	Anti-tumor effects of a novel chimeric peptide on S180 and H22 xenografts bearing nude mice. <i>Peptides</i> , 2010, 31, 850-864.	1.2	43
18	Epigallocatechin-3-gallate inhibits the growth and increases the apoptosis of human thyroid carcinoma cells through suppression of EGFR/RAS/RAF/MEK/ERK signaling pathway. <i>Cancer Cell International</i> , 2019, 19, 43.	1.8	43

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19	Role of hydrogen sulfide donors in cancer development and progression. <i>International Journal of Biological Sciences</i> , 2021, 17, 73-88.	2.6	43
20	Hydrogen Sulfide as a Novel Regulatory Factor in Liver Health and Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	42
21	The protective effect of apelin on ischemia/reperfusion injury. <i>Peptides</i> , 2015, 63, 43-46.	1.2	41
22	Hydrogen Sulfide Alleviates Lipopolysaccharide-Induced Diaphragm Dysfunction in Rats by Reducing Apoptosis and Inflammation through ROS/MAPK and TLR4/NF- κ B Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	1.9	41
23	Hydrogen sulfide improves glucose metabolism and prevents hypertrophy in cardiomyocytes. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 46, 114-122.	1.2	39
24	Nanomedicine: A Promising Way to Manage Alzheimer's Disease. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 630055.	2.0	38
25	Exogenous Hydrogen Sulfide Regulates the Growth of Human Thyroid Carcinoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	1.9	32
26	PEST-containing nuclear protein mediates the proliferation, migration, and invasion of human neuroblastoma cells through MAPK and PI3K/AKT/mTOR signaling pathways. <i>BMC Cancer</i> , 2018, 18, 499.	1.1	31
27	Dendritic Cells in Sepsis: Pathological Alterations and Therapeutic Implications. <i>Journal of Immunology Research</i> , 2017, 2017, 1-9.	0.9	29
28	The Role of Hydrogen Sulfide in Respiratory Diseases. <i>Biomolecules</i> , 2021, 11, 682.	1.8	28
29	Octreotide Protects the Mouse Retina against Ischemic Reperfusion Injury through Regulation of Antioxidation and Activation of NF- κ B. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	27
30	Hydrogen Sulfide Mitigates Kidney Injury in High Fat Diet-Induced Obese Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	27
31	Roles of Hydrogen Sulfide Donors in Common Kidney Diseases. <i>Frontiers in Pharmacology</i> , 2020, 11, 564281.	1.6	27
32	The Application of Nanotechnology for the Diagnosis and Treatment of Brain Diseases and Disorders. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 629832.	2.0	27
33	Anti-inflammatory and retinal protective effects of capsaicin on ischaemia-induced injuries through the release of endogenous somatostatin. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 803-814.	0.9	26
34	Hydrogen Sulfide Attenuates High-Fat Diet-Induced Non-Alcoholic Fatty Liver Disease by Inhibiting Apoptosis and Promoting Autophagy via Reactive Oxygen Species/Phosphatidylinositol 3-Kinase/AKT/Mammalian Target of Rapamycin Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2020, 11, 585860.	1.6	26
35	Genome-Wide Analysis of Codon Usage Patterns of SARS-CoV-2 Virus Reveals Global Heterogeneity of COVID-19. <i>Biomolecules</i> , 2021, 11, 912.	1.8	23
36	Protective roles of bioactive peptides during ischemia-reperfusion injury: From bench to bedside. <i>Life Sciences</i> , 2017, 180, 83-92.	2.0	22

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37	Characterization and genome analysis of novel Klebsiella phage Henu1 with lytic activity against clinical strains of Klebsiella pneumoniae. Archives of Virology, 2019, 164, 2389-2393.	0.9	22
38	Exogenous hydrogen sulfide mitigates LPS+ATP-induced inflammation by inhibiting NLRP3 inflammasome activation and promoting autophagy in L02 cells. Molecular and Cellular Biochemistry, 2019, 457, 145-156.	1.4	21
39	Better Reporting and Awareness Campaigns Needed for Breast Cancer in Pakistani Women. Cancer Management and Research, 2021, Volume 13, 2125-2129.	0.9	21
40	Hydrogen Sulfide Plays an Important Protective Role by Influencing Autophagy in Diseases. Physiological Research, 2019, 68, 345-345.	0.4	21
41	Role of Hydrogen Sulfide in the Endocrine System. Frontiers in Endocrinology, 2021, 12, 704620.	1.5	20
42	New Drug Candidate Targeting the 4A1 Orphan Nuclear Receptor for Medullary Thyroid Cancer Therapy. Molecules, 2018, 23, 565.	1.7	18
43	Tumour necrosis factor α -induced protein 8like 2 is a novel regulator of proliferation, migration, and invasion in human rectal adenocarcinoma cells. Journal of Cellular and Molecular Medicine, 2019, 23, 1698-1713.	1.6	18
44	PEST-containing nuclear protein regulates cell proliferation, migration, and invasion in lung adenocarcinoma. Oncogenesis, 2019, 8, 22.	2.1	17
45	PCNP promotes ovarian cancer progression by accelerating β -catenin nuclear accumulation and triggering EMT transition. Journal of Cellular and Molecular Medicine, 2020, 24, 8221-8235.	1.6	17
46	The Potential of Hydrogen Sulfide Donors in Treating Cardiovascular Diseases. International Journal of Molecular Sciences, 2021, 22, 2194.	1.8	17
47	The Neuropilin-1 Inhibitor, ATWLPPR Peptide, Prevents Experimental Diabetes-Induced Retinal Injury by Preserving Vascular Integrity and Decreasing Oxidative Stress. PLoS ONE, 2015, 10, e0142571.	1.1	17
48	Impact of the factors shaping gut microbiota on obesity. Journal of Applied Microbiology, 2021, 131, 2131-2147.	1.4	16
49	The New Role of AMP-Activated Protein Kinase in Regulating Fat Metabolism and Energy Expenditure in Adipose Tissue. Biomolecules, 2021, 11, 1757.	1.8	16
50	Epigallocatechin-3-Gallate Alleviates High-Fat Diet-Induced Nonalcoholic Fatty Liver Disease via Inhibition of Apoptosis and Promotion of Autophagy through the ROS/MAPK Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-16.	1.9	15
51	Insight into the Double-Edged Role of Ferroptosis in Disease. Biomolecules, 2021, 11, 1790.	1.8	15
52	Advances and challenges in the prevention and treatment of COVID-19. International Journal of Medical Sciences, 2020, 17, 1803-1810.	1.1	14
53	Serum metabolic profiling of type 2 diabetes mellitus in Chinese adults using an untargeted GC/TOFMS. Clinica Chimica Acta, 2018, 477, 39-47.	0.5	12
54	Characterization of a Novel Bacteriophage Henu2 and Evaluation of the Synergistic Antibacterial Activity of Phage-Antibiotics. Antibiotics, 2021, 10, 174.	1.5	12

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55	Assessment of General Populations Knowledge, Attitude, and Perceptions Toward the Coronavirus Disease (COVID-19): A Cross-Sectional Study From Pakistan. <i>Frontiers in Medicine</i> , 2021, 8, 747819.	1.2	11
56	Hydrogen Sulfide Plays an Important Role by Regulating Endoplasmic Reticulum Stress in Diabetes-Related Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7170.	1.8	11
57	Blocking CXCR3 with AMG487 ameliorates the blood-retinal barrier disruption in diabetic mice through anti-oxidative. <i>Life Sciences</i> , 2019, 228, 198-207.	2.0	10
58	Heptamethine Cyanine-Based Application for Cancer Theranostics. <i>Frontiers in Pharmacology</i> , 2021, 12, 764654.	1.6	10
59	The Role of Endoplasmic Reticulum Stress and NLRP3 Inflammasome in Liver Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3528.	1.8	10
60	Complete genome sequence analysis of PS2, a novel T4-like bacteriophage that infects <i>Serratia marcescens</i> clinical isolates. <i>Archives of Virology</i> , 2018, 163, 1997-2000.	0.9	9
61	Taking a holistic view of PEST-containing nuclear protein (PCNP) in cancer biology. <i>Cancer Medicine</i> , 2019, 8, 6335-6343.	1.3	9
62	Personal-Care Cosmetic Practices in Pakistan: Current Perspectives and Management. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2021, Volume 14, 9-21.	0.8	9
63	The Complex Interplay between Autophagy and NLRP3 Inflammasome in Renal Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12766.	1.8	9
64	Pharmacological Inhibition of Endogenous Hydrogen Sulfide Attenuates Breast Cancer Progression. <i>Molecules</i> , 2022, 27, 4049.	1.7	9
65	Occludin downregulation in high glucose is regulated by SSTR2 via the VEGF/NRP1/Akt signaling pathway in RF/6A cells. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 1732-1738.	0.8	7
66	Peptide V3 Inhibits the Growth of Human Hepatocellular Carcinoma by Inhibiting the Ras/Raf/MEK/ERK Signaling Pathway. <i>Journal of Cancer</i> , 2019, 10, 1693-1706.	1.2	7
67	Flubendazole Plays an Important Anti-Tumor Role in Different Types of Cancers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 519.	1.8	7
68	Peptide P11 suppresses the growth of human thyroid carcinoma by inhibiting the PI3K/AKT/mTOR signaling pathway. <i>Molecular Biology Reports</i> , 2019, 46, 2665-2678.	1.0	6
69	Role of Hydrogen Sulfide in Oral Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	1.9	6
70	Immune response and potential therapeutic strategies for the SARS-CoV-2 associated with the COVID-19 pandemic. <i>International Journal of Biological Sciences</i> , 2022, 18, 1865-1877.	2.6	6
71	Exogenous H ₂ S Ameliorates High Salt-Induced Hypertension by Alleviating Oxidative Stress and Inflammation in the Paraventricular Nucleus in Dahl S Rats. <i>Cardiovascular Toxicology</i> , 2022, 22, 477-491.	1.1	6
72	Knowledge, Attitude, and Perception of Cancer Patients towards COVID-19 in Pakistan: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7926.	1.2	6

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73	Crosstalk between Dendritic Cells and Immune Modulatory Agents against Sepsis. <i>Genes</i> , 2020, 11, 323.	1.0	5
74	The Optimization of Soluble PTEN Expression in <i>Escherichia coli</i> . <i>The Open Biochemistry Journal</i> , 2015, 9, 42-48.	0.3	5
75	Multifaceted behavior of PEST sequence enriched nuclear proteins in cancer biology and role in gene therapy. <i>Journal of Cellular Physiology</i> , 2021, 236, 1658-1676.	2.0	4
76	Identification and Characterization of pantocin wh-1, a Novel Cyclic Polypeptide Produced by <i>Pantoea dispersa</i> W18. <i>Molecules</i> , 2020, 25, 485.	1.7	4
77	Role of RONS and eIFs in Cancer Progression. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	3
78	Cystathionine β -Synthase Regulates the Proliferation, Migration, and Invasion of Thyroid Carcinoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-27.	1.9	3
79	Silencing EPB41 Gene Expression Leads to Cell Cycle Arrest, Migration Inhibition, and Upregulation of Cell Surface Antigen in DC2.4 Cells. <i>Medical Science Monitor</i> , 2020, 26, e920594.	0.5	2
80	Biology of PEST-Containing Nuclear Protein: A Potential Molecular Target for Cancer Research. <i>Frontiers in Oncology</i> , 2022, 12, 784597.	1.3	2
81	Using Information Technology to Integrate Pathology Course and Information Literacy as Part of Instruction. , 2016, , .		1
82	Approaches to Improve Teaching Quality of Histology and Embryology by Various Ways. , 2018, , .		1
83	Exploration of Research-Oriented Microbiology Teaching Model: Taking Mycobacteriophage Isolation as Example. , 2018, , .		1