

# 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	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
2	Role of Hydrogen Sulfide in Oral Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	1.9	6
3	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
4	Biology of PEST-Containing Nuclear Protein: A Potential Molecular Target for Cancer Research. <i>Frontiers in Oncology</i> , 2022, 12, 784597.	1.3	2
5	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
6	Exogenous H <sub>2</sub> 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
7	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
8	Hydrogen Sulfide Biology and Its Role in Cancer. <i>Molecules</i> , 2022, 27, 3389.	1.7	47
9	Pharmacological Inhibition of Endogenous Hydrogen Sulfide Attenuates Breast Cancer Progression. <i>Molecules</i> , 2022, 27, 4049.	1.7	9
10	Cystathionine $\beta$ -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
11	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
12	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
13	Role of hydrogen sulfide donors in cancer development and progression. <i>International Journal of Biological Sciences</i> , 2021, 17, 73-88.	2.6	43
14	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
15	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
16	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
17	The Potential of Hydrogen Sulfide Donors in Treating Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2194.	1.8	17
18	Characterization of a Novel Bacteriophage Henu2 and Evaluation of the Synergistic Antibacterial Activity of Phage-Antibiotics. <i>Antibiotics</i> , 2021, 10, 174.	1.5	12

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19	Impact of the factors shaping gut microbiota on obesity. <i>Journal of Applied Microbiology</i> , 2021, 131, 2131-2147.	1.4	16
20	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
21	Better Reporting and Awareness Campaigns Needed for Breast Cancer in Pakistani Women. <i>Cancer Management and Research</i> , 2021, Volume 13, 2125-2129.	0.9	21
22	Nanomedicine: A Promising Way to Manage Alzheimer's Disease. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 630055.	2.0	38
23	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. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	15
24	The Role of Hydrogen Sulfide in Respiratory Diseases. <i>Biomolecules</i> , 2021, 11, 682.	1.8	28
25	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
26	Role of Hydrogen Sulfide in the Endocrine System. <i>Frontiers in Endocrinology</i> , 2021, 12, 704620.	1.5	20
27	Role of RONS and eIFs in Cancer Progression. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	3
28	The New Role of AMP-Activated Protein Kinase in Regulating Fat Metabolism and Energy Expenditure in Adipose Tissue. <i>Biomolecules</i> , 2021, 11, 1757.	1.8	16
29	Insight into the Double-Edged Role of Ferroptosis in Disease. <i>Biomolecules</i> , 2021, 11, 1790.	1.8	15
30	The Complex Interplay between Autophagy and NLRP3 Inflammasome in Renal Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12766.	1.8	9
31	Heptamethine Cyanine-Based Application for Cancer Theranostics. <i>Frontiers in Pharmacology</i> , 2021, 12, 764654.	1.6	10
32	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
33	Advances and challenges in the prevention and treatment of COVID-19. <i>International Journal of Medical Sciences</i> , 2020, 17, 1803-1810.	1.1	14
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	Roles of Hydrogen Sulfide Donors in Common Kidney Diseases. <i>Frontiers in Pharmacology</i> , 2020, 11, 564281.	1.6	27
36	PCNP promotes ovarian cancer progression by accelerating $\beta$ -catenin nuclear accumulation and triggering EMT transition. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 8221-8235.	1.6	17

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37	Crosstalk between Dendritic Cells and Immune Modulatory Agents against Sepsis. <i>Genes</i> , 2020, 11, 323.	1.0	5
38	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
39	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
40	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
41	Taking a holistic view of PEST-containing nuclear protein (PCNP) in cancer biology. <i>Cancer Medicine</i> , 2019, 8, 6335-6343.	1.3	9
42	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
43	Characterization and genome analysis of novel <i>Klebsiella</i> phage Henu1 with lytic activity against clinical strains of <i>Klebsiella pneumoniae</i> . <i>Archives of Virology</i> , 2019, 164, 2389-2393.	0.9	22
44	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
45	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
46	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
47	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
48	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
49	Exogenous hydrogen sulfide mitigates LPS+ATP-induced inflammation by inhibiting NLRP3 inflammasome activation and promoting autophagy in L02 cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 457, 145-156.	1.4	21
50	PEST-containing nuclear protein regulates cell proliferation, migration, and invasion in lung adenocarcinoma. <i>Oncogenesis</i> , 2019, 8, 22.	2.1	17
51	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
52	Tumour necrosis factor- $\alpha$ -induced protein 8-like 2 is a novel regulator of proliferation, migration, and invasion in human rectal adenocarcinoma cells. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1698-1713.	1.6	18
53	Hydrogen Sulfide Plays an Important Protective Role by Influencing Autophagy in Diseases. <i>Physiological Research</i> , 2019, 68, 345-345.	0.4	21
54	Hydrogen sulfide and autophagy: A double edged sword. <i>Pharmacological Research</i> , 2018, 131, 120-127.	3.1	87

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55	Serum metabolic profiling of type 2 diabetes mellitus in Chinese adults using an untargeted GC/TOFMS. <i>Clinica Chimica Acta</i> , 2018, 477, 39-47.	0.5	12
56	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
57	Approaches to Improve Teaching Quality of Histology and Embryology by Various Ways. , 2018, , .		1
58	Exploration of Research-Oriented Microbiology Teaching Model: Taking Mycobacteriophage Isolation as Example. , 2018, , .		1
59	Hydrogen Sulfide Alleviates Lipopolysaccharide-Induced Diaphragm Dysfunction in Rats by Reducing Apoptosis and Inflammation through ROS/MAPK and TLR4/NF- $\kappa$ B Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	1.9	41
60	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
61	New Drug Candidate Targeting the 4A1 Orphan Nuclear Receptor for Medullary Thyroid Cancer Therapy. <i>Molecules</i> , 2018, 23, 565.	1.7	18
62	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
63	Protective roles of bioactive peptides during ischemia-reperfusion injury: From bench to bedside. <i>Life Sciences</i> , 2017, 180, 83-92.	2.0	22
64	Hydrogen sulfide ameliorates chronic renal failure in rats by inhibiting apoptosis and inflammation through ROS/MAPK and NF- $\kappa$ B signaling pathways. <i>Scientific Reports</i> , 2017, 7, 455.	1.6	85
65	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
66	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
67	Dendritic Cells in Sepsis: Pathological Alterations and Therapeutic Implications. <i>Journal of Immunology Research</i> , 2017, 2017, 1-9.	0.9	29
68	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
69	Using Information Technology to Integrate Pathology Course and Information Literacy as Part of Instruction. , 2016, , .		1
70	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
71	Ocetreotide Protects the Mouse Retina against Ischemic Reperfusion Injury through Regulation of Antioxidation and Activation of NF- $\kappa$ B. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	27
72	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

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73	Role of Hydrogen Sulfide in Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-16.	1.9	283
74	Hydrogen sulfide improves glucose metabolism and prevents hypertrophy in cardiomyocytes. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 46, 114-122.	1.2	39
75	Hydrogen sulfide in cancer: Friend or foe?. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 50, 38-45.	1.2	171
76	The protective effect of apelin on ischemia/reperfusion injury. <i>Peptides</i> , 2015, 63, 43-46.	1.2	41
77	The Neuropilin-1 Inhibitor, ATWLPPR Peptide, Prevents Experimental Diabetes-Induced Retinal Injury by Preserving Vascular Integrity and Decreasing Oxidative Stress. <i>PLoS ONE</i> , 2015, 10, e0142571.	1.1	17
78	The Optimization of Soluble PTEN Expression in Escherichia coli. <i>The Open Biochemistry Journal</i> , 2015, 9, 42-48.	0.3	5
79	Hydrogen Sulfide Targets EGFR Cys797/Cys798 Residues to Induce Na <sup>+</sup> /K <sup>+</sup> -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
80	Peptide-based cancer therapy: Opportunity and challenge. <i>Cancer Letters</i> , 2014, 351, 13-22.	3.2	256
81	Thrombospondin 1 activates the macrophage Toll-like receptor 4 pathway. <i>Cellular and Molecular Immunology</i> , 2013, 10, 506-512.	4.8	49
82	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
83	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