

Hydrogen sulfide, nitric oxide, and neurodegenerative c

Translational Neurodegeneration

7, 3

DOI: [10.1186/s40035-018-0108-x](https://doi.org/10.1186/s40035-018-0108-x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of NaHS and hydroxylamine on the expressions of brain-derived neurotrophic factor and its receptors in rats after cardiac arrest and cardiopulmonary resuscitation. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2018, 26, 109.	1.1	2
2	Iron Dysregulation and Dormant Microbes as Causative Agents for Impaired Blood Rheology and Pathological Clotting in Alzheimer's Type Dementia. <i>Frontiers in Neuroscience</i> , 2018, 12, 851.	1.4	17
3	Corylin inhibits LPS-induced inflammatory response and attenuates the activation of NLRP3 inflammasome in microglia. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 221.	3.7	61
4	Nitric oxide might be an inducing factor in cognitive impairment in Alzheimer's disease via downregulating the monocarboxylate transporter 1. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 91, 35-41.	1.2	21
5	Diseases Related to Types of Free Radicals. , 0, , .		17
6	Protective effect of a 3 kDa peptide obtained from beef myofibrillar protein using alkaline-AK on neuronal cells. <i>Neurochemistry International</i> , 2019, 129, 104459.	1.9	8
7	Vasodilation Elicited by Ixosuprine, Identified by High-Throughput Virtual Screening of Compound Libraries, Involves Activation of the NO/cGMP and H ₂ S/KATP Pathways and Blockade of α 1-Adrenoceptors and Calcium Channels. <i>Molecules</i> , 2019, 24, 987.	1.7	9
9	Activatable Small-Molecule Hydrogen Sulfide Donors. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 96-109.	2.5	71
10	Impact of nitric oxide's bidirectional role on glaucoma: focus on <i>Helicobacter pylori</i> -related nitrosative stress. <i>Annals of the New York Academy of Sciences</i> , 2020, 1465, 10-28.	1.8	8
11	Hydrogen Sulfide: From a Toxic Molecule to a Key Molecule of Cell Life. <i>Antioxidants</i> , 2020, 9, 621.	2.2	83
12	Involvement of H ₂ S, NO and BDNF-TrkB signalling pathway in the protective effects of simvastatin against pentylene tetrazole-induced kindling and cognitive impairments in mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 461-476.	1.2	9
13	Insights into the Mechanism of Thiol-Triggered COS/H ₂ S Release from <i>N</i> -Dithiasuccinoyl Amines. <i>Journal of Organic Chemistry</i> , 2020, 85, 8352-8359.	1.7	15
14	The Roles of NO and H ₂ S in Sperm Biology: Recent Advances and New Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2174.	1.8	11
15	<i>Phyllanthus amarus</i> prevents LPS-mediated BV2 microglial activation via MyD88 and NF- κ B signaling pathways. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 202.	1.2	17
16	Hispidulin Inhibits Neuroinflammation in Lipopolysaccharide-Activated BV2 Microglia and Attenuates the Activation of Akt, NF- κ B, and STAT3 Pathway. <i>Neurotoxicity Research</i> , 2020, 38, 163-174.	1.3	21
17	Synthesis and density functional theory study of free-standing Fe-doped TiO ₂ nanotube array film for H ₂ S gas sensing properties at low temperature. <i>Journal of Alloys and Compounds</i> , 2020, 832, 155015.	2.8	14
18	Hydrogen Sulfide Upregulates Acid-sensing Ion Channels <i>via</i> the MAPK-Erk1/2 Signaling Pathway. <i>Function</i> , 2021, 2, zqab007.	1.1	5
19	Chemically-Induced Inflammation Changes the Number of Nitrergic Nervous Structures in the Muscular Layer of the Porcine Descending Colon. <i>Animals</i> , 2021, 11, 394.	1.0	1

#	ARTICLE	IF	CITATIONS
20	Hydrogen sulfide protects hippocampal CA1 neurons against lead mediated neuronal damage via reduction oxidative stress in male rats. <i>Journal of Chemical Neuroanatomy</i> , 2021, 112, 101917.	1.0	9
21	Hydrogen Sulfide Subchronic Treatment Improves Hypertension Induced by Traumatic Brain Injury in Rats through Vasopressor Sympathetic Outflow Inhibition. <i>Journal of Neurotrauma</i> , 2022, 39, 181-195.	1.7	13
22	<i>N</i> -Methylation of Self-Immolative Thiocarbamates Provides Insights into the Mechanism of Carbonyl Sulfide Release. <i>Journal of Organic Chemistry</i> , 2021, 86, 5443-5451.	1.7	5
23	Desulfovibrio Bacteria Are Associated With Parkinson's Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 652617.	1.8	82
24	Hydrogen sulfide (H ₂ S) - therapeutic relevance in rehabilitation and balneotherapy Systematic literature review and meta-analysis based on the PRISMA paradigm. <i>Balneo and PRM Research Journal</i> , 2021, 12, 176-195.	0.1	25
25	The Reactive Species Interactome in the Brain. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 1176-1206.	2.5	21
26	A bifunctional probe reveals increased viscosity and hydrogen sulfide in zebra fish model of Parkinson's disease. <i>Talanta</i> , 2021, 234, 122621.	2.9	31
27	Nanoparticle-based colorimetric sensors to detect neurodegenerative disease biomarkers. <i>Biomaterials Science</i> , 2021, 9, 6983-7007.	2.6	5
28	Engineering macromolecular nanocarriers for local delivery of gaseous signaling molecules. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114005.	6.6	30
29	Hydrogen Sulfide and Pathophysiology of the CNS. <i>Neurophysiology</i> , 2020, 52, 308-321.	0.2	0
30	Hidrojen sülfür, karbon monoksit ve nitrik oksidin sınırlanmış alanlarda pentilentetrazol indüklediği nöroprotektör etkileri. <i>Kahramanmaraş Sıhhiye Fakültesi Dergisi</i> , 0, , .	0.1	0
31	Nitrosative Stress in the Frontal Cortex From Dogs With Canine Cognitive Dysfunction. <i>Frontiers in Veterinary Science</i> , 2020, 7, 573155.	0.9	0
32	Neuroprotective effects of mitochondrial-targeted hydrogen sulphide donor, AP39 on H ₂ O ₂ -induced oxidative stress in human neuroblastoma SHSY5Y cell line. <i>Advances in Redox Research</i> , 2021, 3, 100024.	0.9	3
33	Effects of Exogenous Hydrogen Sulfide in the Hypothalamic Paraventricular Nucleus on Gastric Function in Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 806012.	1.6	1
34	Molecular Probes, Chemosensors, and Nanosensors for Optical Detection of Biorelevant Molecules and Ions in Aqueous Media and Biofluids. <i>Chemical Reviews</i> , 2022, 122, 3459-3636.	23.0	171
35	High-density lipoprotein reduces microglia activation and protects against experimental autoimmune encephalomyelitis in mice. <i>International Immunopharmacology</i> , 2022, 105, 108566.	1.7	4
36	Protein S-sulphydration: Unraveling the prospective of hydrogen sulfide in the brain, vasculature and neurological manifestations. <i>Ageing Research Reviews</i> , 2022, 76, 101579.	5.0	24
37	NIR Responsive Nitric Oxide Nanogenerator for Enhanced Biofilm Eradication and Inflammation Immunotherapy Against Periodontal Diseases. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
38	The Interaction of NO and H ₂ S in Boar Spermatozoa under Oxidative Stress. <i>Animals</i> , 2022, 12, 602.	1.0	1
39	Hypomagnetic Field Induces the Production of Reactive Oxygen Species and Cognitive Deficits in Mice Hippocampus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3622.	1.8	6
40	NIR responsive nitric oxide nanogenerator for enhanced biofilm eradication and inflammation immunotherapy against periodontal diseases. <i>Nano Today</i> , 2022, 43, 101447.	6.2	55
41	Physiological roles of hydrogen sulfide in mammalian cells, tissues, and organs. <i>Physiological Reviews</i> , 2023, 103, 31-276.	13.1	107
42	Hydrogen sulfide ameliorated preeclampsia via suppression of toll-like receptor 4-activated inflammation in the rostral ventrolateral medulla of rats. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113018.	2.5	5
43	NO, CO and H ₂ S: A trinacrium of bioactive gases in the brain. <i>Biochemical Pharmacology</i> , 2022, 202, 115122.	2.0	17
44	The Interaction of Human Capital and Carbon Emission with Diminishing Economic Growth. <i>Journal of Environmental Assessment Policy and Management</i> , 0, , .	4.3	0
45	Innovative probes with aggregation-induced emission characteristics for sensing gaseous signaling molecules. <i>Biomaterials</i> , 2022, 289, 121753.	5.7	9
46	Punicalagin Attenuates LPS-Induced Inflammation and ROS Production in Microglia by Inhibiting the MAPK/NF- κ B Signaling Pathway and NLRP3 Inflammasome Activation. <i>Journal of Inflammation Research</i> , 0, Volume 15, 5347-5359.	1.6	10
47	Mitochondria-targeted fluorescent probe for imaging viscosity in hepatic ischemiaâ€“reperfusion injury cell model. <i>Chemical Communications</i> , 2023, 59, 1030-1033.	2.2	8
48	A highly selective and sensitive hydrogen sulfide scavenger along with its imaging in cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2023, 379, 133169.	4.0	3
49	Endocrine effects of three common gas signaling molecules in humans: A literature review. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	3
50	MLN-4760 Induces Oxidative Stress without Blood Pressure and Behavioural Alterations in SHR: Roles of Nfe2l2 Gene, Nitric Oxide and Hydrogen Sulfide. <i>Antioxidants</i> , 2022, 11, 2385.	2.2	0
51	A large-scale causal analysis of gut microbiota and delirium: A Mendelian randomization study. <i>Journal of Affective Disorders</i> , 2023, 329, 64-71.	2.0	18
52	Gut-Brain cross talk: The pathogenesis of neurodevelopmental impairment in necrotizing enterocolitis. <i>Frontiers in Pediatrics</i> , 0, 11, .	0.9	4
53	Advances of H ₂ S in Regulating Neurodegenerative Diseases by Preserving Mitochondria Function. <i>Antioxidants</i> , 2023, 12, 652.	2.2	9
54	Nordalbergin Exerts Anti-Neuroinflammatory Effects by Attenuating MAPK Signaling Pathway, NLRP3 Inflammasome Activation and ROS Production in LPS-Stimulated BV2 Microglia. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7300.	1.8	1