

Eizo Marutani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/972285/publications.pdf>

Version: 2024-02-01

27
papers

1,789
citations

331670

21
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

3034
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhaled nitric oxide improves post-cardiac arrest outcomes via guanylate cyclase-1 in bone marrow-derived cells. Nitric Oxide - Biology and Chemistry, 2022, 125-126, 47-56.	2.7	1
2	Bedside Electrical Impedance Tomography Unveils Respiratory "Chimera" in COVID-19. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 120-121.	5.6	16
3	Hypoxia ameliorates brain hyperoxia and NAD ⁺ deficiency in a murine model of Leigh syndrome. Molecular Genetics and Metabolism, 2021, 133, 83-93.	1.1	16
4	Sulfide catabolism ameliorates hypoxic brain injury. Nature Communications, 2021, 12, 3108.	12.8	71
5	A Sulfonyl Azide-Based Sulfide Scavenger Rescues Mice from Lethal Hydrogen Sulfide Intoxication. Toxicological Sciences, 2021, 183, 393-403.	3.1	7
6	Inhaled high dose nitric oxide is a safe and effective respiratory treatment in spontaneous breathing hospitalized patients with COVID-19 pneumonia. Nitric Oxide - Biology and Chemistry, 2021, 116, 7-13.	2.7	40
7	High Concentrations of Nitric Oxide Inhalation Therapy in Pregnant Patients With Severe Coronavirus Disease 2019 (COVID-19). Obstetrics and Gynecology, 2020, 136, 1109-1113.	2.4	69
8	An engineered enzyme that targets circulating lactate to alleviate intracellular NADH:NAD ⁺ imbalance. Nature Biotechnology, 2020, 38, 309-313.	17.5	86
9	Emerging pharmacological tools to control hydrogen sulfide signaling in critical illness. Intensive Care Medicine Experimental, 2020, 8, 5.	1.9	23
10	Leigh Syndrome Mouse Model Can Be Rescued by Interventions that Normalize Brain Hyperoxia, but Not HIF Activation. Cell Metabolism, 2019, 30, 824-832.e3.	16.2	83
11	Data-Driven Identification of Hydrogen Sulfide Scavengers. Angewandte Chemie - International Edition, 2019, 58, 10898-10902.	13.8	43
12	Breathing hydrogen sulfide prevents delayed paraplegia in mice. Free Radical Biology and Medicine, 2019, 131, 243-250.	2.9	15
13	Spraying urea solution reduces formaldehyde levels during gross anatomy courses. Anatomical Science International, 2019, 94, 209-215.	1.0	5
14	Improvement in Outcomes After Cardiac Arrest and Resuscitation by Inhibition of S-Nitrosoglutathione Reductase. Circulation, 2019, 139, 815-827.	1.6	36
15	Thiamine as a neuroprotective agent after cardiac arrest. Resuscitation, 2016, 105, 138-144.	3.0	49
16	Mitochondrial dysfunction remodels one-carbon metabolism in human cells. ELife, 2016, 5, .	6.0	332
17	Thiosulfate Mediates Cytoprotective Effects of Hydrogen Sulfide Against Neuronal Ischemia. Journal of the American Heart Association, 2015, 4, .	3.7	72
18	Trapping Hydrogen Sulfide (H ₂ S) with Diselenides: The Application in the Design of Fluorescent Probes. Organic Letters, 2015, 17, 1541-1544.	4.6	54

#	ARTICLE	IF	CITATIONS
19	Mitochondria-targeted hydrogen sulfide donor AP39 improves neurological outcomes after cardiac arrest in mice. Nitric Oxide - Biology and Chemistry, 2015, 49, 90-96.	2.7	47
20	Inhaled hydrogen sulfide prevents neuropathic pain after peripheral nerve injury in mice. Nitric Oxide - Biology and Chemistry, 2015, 46, 87-92.	2.7	29
21	Cystathionine β -Lyase Deficiency Protects Mice from Galactosamine/Lipopolysaccharide-Induced Acute Liver Failure. Antioxidants and Redox Signaling, 2014, 20, 204-216.	5.4	81
22	Cytoprotective effects of hydrogen sulfide-releasing <i>N</i> -methyl-D-aspartate receptor antagonists mediated by intracellular sulfane sulfur. MedChemComm, 2014, 5, 1577-1583.	3.4	31
23	Sodium Thiosulfate Attenuates Acute Lung Injury in Mice. Anesthesiology, 2014, 121, 1248-1257.	2.5	63
24	A Novel Hydrogen Sulfide-releasing N-Methyl-D-Aspartate Receptor Antagonist Prevents Ischemic Neuronal Death. Journal of Biological Chemistry, 2012, 287, 32124-32135.	3.4	73
25	Inhaled Hydrogen Sulfide Prevents Endotoxin-Induced Systemic Inflammation and Improves Survival by Altering Sulfide Metabolism in Mice. Antioxidants and Redox Signaling, 2012, 17, 11-21.	5.4	106
26	Inhaled Hydrogen Sulfide Prevents Neurodegeneration and Movement Disorder in a Mouse Model of Parkinson's Disease. Antioxidants and Redox Signaling, 2011, 15, 343-352.	5.4	149
27	Surface-initiated atom transfer radical polymerization of methyl methacrylate on magnetite nanoparticles. Polymer, 2004, 45, 2231-2235.	3.8	192