

Jan Miljkovic

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,735
citations

567281

15
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

2013
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | H ₂ S and NO cooperatively regulate vascular tone by activating a neuroendocrine HNO-TRPA1-CGRP signalling pathway. Nature Communications, 2014, 5, 4381. | 12.8 | 324 |
| 2 | Chemical Characterization of the Smallest S-Nitrosothiol, HSNO; Cellular Cross-talk of H ₂ S and S-Nitrosothiols. Journal of the American Chemical Society, 2012, 134, 12016-12027. | 13.7 | 307 |
| 3 | Selective Persulfide Detection Reveals Evolutionarily Conserved Antiaging Effects of S-Sulfhydration. Cell Metabolism, 2019, 30, 1152-1170.e13. | 16.2 | 236 |
| 4 | Improved tag-switch method reveals that thioredoxin acts as depersulfidase and controls the intracellular levels of protein persulfidation. Chemical Science, 2016, 7, 3414-3426. | 7.4 | 175 |
| 5 | Generation of HNO and HSNO from Nitrite by Heme-Iron-Catalyzed Metabolism with H ₂ S. Angewandte Chemie - International Edition, 2013, 52, 12061-12064. | 13.8 | 124 |
| 6 | Biochemical insight into physiological effects of H ₂ S: reaction with peroxynitrite and formation of a new nitric oxide donor, sulfinyl nitrite. Biochemical Journal, 2012, 441, 609-621. | 3.7 | 99 |
| 7 | Working with H ₂ S: Facts and apparent artifacts. Nitric Oxide - Biology and Chemistry, 2014, 41, 85-96. | 2.7 | 95 |
| 8 | Nitric Oxide Is Reduced to HNO by Proton-Coupled Nucleophilic Attack by Ascorbate, Tyrosine, and Other Alcohols. A New Route to HNO in Biological Media?. Journal of the American Chemical Society, 2015, 137, 4720-4727. | 13.7 | 79 |
| 9 | Cytochrome c Reduction by H ₂ S Potentiates Sulfide Signaling. ACS Chemical Biology, 2018, 13, 2300-2307. | 3.4 | 76 |
| 10 | Cystathionine β -Lyase-Produced Hydrogen Sulfide Controls Endothelial NO Bioavailability and Blood Pressure. Hypertension, 2018, 71, 1210-1217. | 2.7 | 58 |
| 11 | Disruption of the TCA cycle reveals an ATF4-dependent integration of redox and amino acid metabolism. ELife, 2021, 10, . | 6.0 | 44 |
| 12 | Overexpression of Cystathionine β -Lyase Suppresses Detrimental Effects of Spinocerebellar Ataxia Type 3. Molecular Medicine, 2015, 21, 758-768. | 4.4 | 37 |
| 13 | Spatiotemporal regulation of hydrogen sulfide signaling in the kidney. Redox Biology, 2021, 43, 101961. | 9.0 | 23 |
| 14 | Amphiphilic Pentaazamacrocyclic Manganese Superoxide Dismutase Mimetics. Inorganic Chemistry, 2014, 53, 1009-1020. | 4.0 | 21 |
| 15 | HNO/Thiol Biology as a Therapeutic Target. Oxidative Stress in Applied Basic Research and Clinical Practice, 2016, , 335-375. | 0.4 | 3 |