

# Jan Miljkovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9755920/publications.pdf>

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	Spatiotemporal regulation of hydrogen sulfide signaling in the kidney. <i>Redox Biology</i> , 2021, 43, 101961.	9.0	23
2	Disruption of the TCA cycle reveals an ATF4-dependent integration of redox and amino acid metabolism. <i>ELife</i> , 2021, 10, .	6.0	44
3	Selective Persulfide Detection Reveals Evolutionarily Conserved Antiaging Effects of S-Sulfhydration. <i>Cell Metabolism</i> , 2019, 30, 1152-1170.e13.	16.2	236
4	Cystathionine $\beta$ -Lyase-Produced Hydrogen Sulfide Controls Endothelial NO Bioavailability and Blood Pressure. <i>Hypertension</i> , 2018, 71, 1210-1217.	2.7	58
5	Cytochrome <i>c</i> Reduction by $H_2S$ Potentiates Sulfide Signaling. <i>ACS Chemical Biology</i> , 2018, 13, 2300-2307.	3.4	76
6	HNO/Thiol Biology as a Therapeutic Target. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016, , 335-375.	0.4	3
7	Improved tag-switch method reveals that thioredoxin acts as depersulfidase and controls the intracellular levels of protein persulfidation. <i>Chemical Science</i> , 2016, 7, 3414-3426.	7.4	175
8	Overexpression of Cystathionine $\beta$ -Lyase Suppresses Detrimental Effects of Spinocerebellar Ataxia Type 3. <i>Molecular Medicine</i> , 2015, 21, 758-768.	4.4	37
9	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?. <i>Journal of the American Chemical Society</i> , 2015, 137, 4720-4727.	13.7	79
10	H <sub>2</sub> S and NO cooperatively regulate vascular tone by activating a neuroendocrine HNO-TRPA1-CGRP signalling pathway. <i>Nature Communications</i> , 2014, 5, 4381.	12.8	324
11	Working with $H_2S$ : Facts and apparent artifacts. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 41, 85-96.	2.7	95
12	Amphiphilic Pentaazamacrocyclic Manganese Superoxide Dismutase Mimetics. <i>Inorganic Chemistry</i> , 2014, 53, 1009-1020.	4.0	21
13	Generation of HNO and HSNO from Nitrite by Heme-iron-Catalyzed Metabolism with $H_2S$ . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12061-12064.	13.8	124
14	Biochemical insight into physiological effects of H <sub>2</sub> S: reaction with peroxynitrite and formation of a new nitric oxide donor, sulfinyl nitrite. <i>Biochemical Journal</i> , 2012, 441, 609-621.	3.7	99
15	Chemical Characterization of the Smallest S-Nitrosothiol, HSNO; Cellular Cross-talk of $H_2S$ and S-Nitrosothiols. <i>Journal of the American Chemical Society</i> , 2012, 134, 12016-12027.	13.7	307