

# Mark Wood

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3676275/publications.pdf>

Version: 2024-02-01

11  
papers

1,247  
citations

840728

11  
h-index

1125717

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g-index

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all docs

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docs citations

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times ranked

1544  
citing authors

#	ARTICLE	IF	CITATIONS
1	AP39, a novel mitochondria-targeted hydrogen sulfide donor, stimulates cellular bioenergetics, exerts cytoprotective effects and protects against the loss of mitochondrial DNA integrity in oxidatively stressed endothelial cells in vitro. Nitric Oxide - Biology and Chemistry, 2014, 41, 120-130.	2.7	225
2	A novel hydrogen sulfide donor causes stomatal opening and reduces nitric oxide accumulation. Plant Physiology and Biochemistry, 2010, 48, 931-935.	5.8	196
3	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
4	Inducible hydrogen sulfide synthesis in chondrocytes and mesenchymal progenitor cells: is H <sub>2</sub> S a novel cytoprotective mediator in the inflamed joint?. Journal of Cellular and Molecular Medicine, 2012, 16, 896-910.	3.6	104
5	The synthesis and functional evaluation of a mitochondria-targeted hydrogen sulfide donor, (10-oxo-10-(4-(3-thioxo-3H-1,2-dithiol-5-yl)phenoxy)decyl)triphenylphosphonium bromide (AP39). MedChemComm, 2014, 5, 728-736.	3.4	104
6	The complex effects of the slow-releasing hydrogen sulfide donor GYY4137 in a model of acute joint inflammation and in human cartilage cells. Journal of Cellular and Molecular Medicine, 2013, 17, 365-376.	3.6	100
7	Regulation of Heart Function by Endogenous Gaseous Mediators: Crosstalk Between Nitric Oxide and Hydrogen Sulfide. Antioxidants and Redox Signaling, 2011, 14, 2081-2091.	5.4	92
8	Hydrogen sulfide effects on stomatal apertures. Plant Signaling and Behavior, 2011, 6, 1444-1446.	2.4	83
9	Hydrogen Sulfide Inhibits Proliferation and Release of IL-8 from Human Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 746-752.	2.9	77
10	H <sub>2</sub> S during circulatory shock: Some unresolved questions. Nitric Oxide - Biology and Chemistry, 2014, 41, 48-61.	2.7	56
11	Hydrogen Sulfide Attenuates Opioid Dependence by Suppression of Adenylate Cyclase/cAMP Pathway. Antioxidants and Redox Signaling, 2014, 20, 31-41.	5.4	32