

# Lenka Tomasova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3325993/publications.pdf>

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17  
papers

457  
citations

1039406

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839053

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docs citations

18  
times ranked

703  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Bacteria and Hydrogen Sulfide: The New Old Players in Circulatory System Homeostasis. <i>Molecules</i> , 2016, 21, 1558.	1.7	112
2	Intracolonic hydrogen sulfide lowers blood pressure in rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 60, 50-58.	1.2	73
3	Hydrogen Sulfide in Pharmacotherapy, Beyond the Hydrogen Sulfide-Donors. <i>Biomolecules</i> , 2020, 10, 323.	1.8	72
4	Effects of AP39, a novel triphenylphosphonium derivatised anethole dithiolethione hydrogen sulfide donor, on rat haemodynamic parameters and chloride and calcium Cav3 and RyR2 channels. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 46, 131-144.	1.2	44
5	Hydrogen sulphide induces HIF-1 $\alpha$ and Nrf2 in THP-1 macrophages. <i>Biochimie</i> , 2015, 112, 187-195.	1.3	35
6	Interplay between P-Glycoprotein Expression and Resistance to Endoplasmic Reticulum Stressors. <i>Molecules</i> , 2018, 23, 337.	1.7	32
7	The impact of gut microbiota metabolites on cellular bioenergetics and cardiometabolic health. <i>Nutrition and Metabolism</i> , 2021, 18, 72.	1.3	24
8	Na <sub>2</sub> S, a fast-releasing H <sub>2</sub> S donor, given as suppository lowers blood pressure in rats. <i>Pharmacological Reports</i> , 2017, 69, 971-977.	1.5	17
9	Parenteral Na <sub>2</sub> S, a fast-releasing H <sub>2</sub> S donor, but not GYY4137, a slow-releasing H <sub>2</sub> S donor, lowers blood pressure in rats. <i>Acta Biochimica Polonica</i> , 2017, 64, 561-566.	0.3	10
10	Products of Sulfide/Selenite Interaction Possess Antioxidant Properties, Scavenge Superoxide-Derived Radicals, React with DNA, and Modulate Blood Pressure and Tension of Isolated Thoracic Aorta. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	8
11	Mathematical relationships of patterns of 35 rat haemodynamic parameters for conditions of hypertension resulting from decreased nitric oxide bioavailability. <i>Experimental Physiology</i> , 2020, 105, 312-334.	0.9	7
12	$\alpha$ -BMPO-OOH Spin-Adduct as a Model for Study of Decomposition of Organic Hydroperoxides and the Effects of Sulfide/Selenite Derivatives. An EPR Spin-Trapping Approach. <i>Antioxidants</i> , 2020, 9, 918.	2.2	5
13	Characterization of Rat Cardiovascular System by Anacrotic/Dicrotic Notches in the Condition of Increase/Decrease of NO Bioavailability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6685.	1.8	4
14	EPR Study of KO <sub>2</sub> as a Source of Superoxide and $\alpha$ -BMPO-OH/OOH Radical That Cleaves Plasmid DNA and Detects Radical Interaction with H <sub>2</sub> S and Se-Derivatives. <i>Antioxidants</i> , 2021, 10, 1286.	2.2	4
15	Patterns and Direct/Indirect Signaling Pathways in Cardiovascular System in the Condition of Transient Increase of NO. <i>BioMed Research International</i> , 2020, 2020, 1-16.	0.9	4
16	Cardiovascular $\alpha$ -Patterns of H <sub>2</sub> S and SSNO <sup>-</sup> -Mix Evaluated from 35 Rat Hemodynamic Parameters. <i>Biomolecules</i> , 2021, 11, 293.	1.8	2
17	Olanzapine-mediated cardiotoxicity is associated with altered energy metabolism in isolated rat hearts. <i>Acta Biochimica Polonica</i> , 2020, 67, 15-23.	0.3	2