

# MaÅ,gorzata Iciek

## List of Publications by Year in descending order

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43  
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1474  
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#	ARTICLE	IF	CITATIONS
1	Chemistry and Biochemistry Aspects of the 4-Hydroxy-2,3-trans-nonenal. <i>Biomolecules</i> , 2022, 12, 145.	1.8	9
2	Biological and Pharmacological Properties of Carbon Monoxide: A General Overview. <i>Oxygen</i> , 2022, 2, 130-151.	1.6	6
3	Reactive Sulfur Compounds in the Fight against COVID-19. <i>Antioxidants</i> , 2022, 11, 1053.	2.2	12
4	Evaluation of Cysteine Metabolism in the Rat Liver and Kidney Following Intravenous Cocaine Administration and Abstinence. <i>Antioxidants</i> , 2021, 10, 74.	2.2	2
5	Alterations in the Antioxidant Enzyme Activities in the Neurodevelopmental Rat Model of Schizophrenia Induced by Glutathione Deficiency during Early Postnatal Life. <i>Antioxidants</i> , 2020, 9, 538.	2.2	19
6	Inactivation of Aldehyde Dehydrogenase by Disulfiram in the Presence and Absence of Lipoic Acid or Dihydrolipoic Acid: An in Vitro Study. <i>Biomolecules</i> , 2019, 9, 375.	1.8	7
7	Glutathione Deficiency and Alterations in the Sulfur Amino Acid Homeostasis during Early Postnatal Development as Potential Triggering Factors for Schizophrenia-Like Behavior in Adult Rats. <i>Molecules</i> , 2019, 24, 4253.	1.7	15
8	Can Lipoic Acid Attenuate Cardiovascular Disturbances Induced by Ethanol and Disulfiram Administration Separately or Jointly in Rats?. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	4
9	Determination of lipoic acid in human plasma by high-performance liquid chromatography with ultraviolet detection. <i>Arabian Journal of Chemistry</i> , 2019, 12, 4878-4886.	2.3	13
10	Sulfane sulfur – new findings on an old topic. <i>Acta Biochimica Polonica</i> , 2019, 66, 533-544.	0.3	21
11	Is the mechanism of nitroglycerin tolerance associated with aldehyde dehydrogenase activity? A contribution to the ongoing discussion. <i>Acta Biochimica Polonica</i> , 2019, 66, 627-632.	0.3	3
12	Is aldehyde dehydrogenase inhibited by sulfur compounds? &lt;i>In vitro&/i> and &lt;i>in vivo&/i> studies. <i>Acta Biochimica Polonica</i> , 2018, 65, 125-132.	0.3	14
13	Lipoic Acid as a Possible Pharmacological Source of Hydrogen Sulfide/Sulfane Sulfur. <i>Molecules</i> , 2017, 22, 388.	1.7	27
14	The Role of Hemoproteins: Hemoglobin, Myoglobin and Neuroglobin in Endogenous Thiosulfate Production Processes. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1315.	1.8	23
15	The effect of NaCl on the level of reduced sulfur compounds in rat liver. Implications for blood pressure increase. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2017, 71, 0-0.	0.1	1
16	The Effects of Different Garlic-Derived Allyl Sulfides on Anaerobic Sulfur Metabolism in the Mouse Kidney. <i>Antioxidants</i> , 2016, 5, 46.	2.2	18
17	S-sulfhydration as a cellular redox regulation. <i>Bioscience Reports</i> , 2016, 36, .	1.1	62
18	The Effect of Chronic Mild Stress and Imipramine on the Markers of Oxidative Stress and Antioxidant System in Rat Liver. <i>Neurotoxicity Research</i> , 2016, 30, 173-184.	1.3	30

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19	Cysteine Metabolism and Oxidative Processes in the Rat Liver and Kidney after Acute and Repeated Cocaine Treatment. PLoS ONE, 2016, 11, e0147238.	1.1	25
20	INACTIVATION OF ALDEHYDE DEHYDROGENASE BY NITROGLYCERIN IN THE PRESENCE AND ABSENCE OF LIPOIC ACID AND DIHYDROLIPOIC ACID. IMPLICATIONS FOR THE PROBLEM OF DIFFERENTIAL EFFECTS OF LIPOIC ACID IN VITRO AND IN VIVO. Acta Poloniae Pharmaceutica, 2016, 73, 1531-1538.	0.3	3
21	Hypotensive effect of alpha-lipoic acid after a single administration in rats. Anatolian Journal of Cardiology, 2015, 16, 306-9.	0.5	9
22	The effect of lipoic acid on cyanate toxicity in the rat heart. Pharmacological Reports, 2014, 66, 87-92.	1.5	2
23	Alpha lipoic acid protects the heart against myocardial post ischemiaâ€“reperfusion arrhythmias via KATP channel activation in isolated rat hearts. Pharmacological Reports, 2014, 66, 499-504.	1.5	38
24	The effect of lipoate on anaerobic cysteine metabolism in erythrocytes of patients treated with peritoneal dialysis. Pharmacological Reports, 2014, 66, 325-328.	1.5	3
25	The Effects of Cocaine on Different Redox Forms of Cysteine and Homocysteine, and on Labile, Reduced Sulfur in the Rat Plasma Following Active versus Passive Drug Injections. Neurotoxicity Research, 2013, 24, 377-392.	1.3	5
26	The Effect of Lipoic Acid on Cyanate Toxicity in Different Structures of the Rat Brain. Neurotoxicity Research, 2013, 24, 345-357.	1.3	6
27	Effects of acetylsalicylic acid on the levels of sulfane sulfur and non-protein sulfhydryl groups in mouse tissues. Pharmacological Reports, 2013, 65, 173-178.	1.5	8
28	Are anti-inflammatory properties of lipoic acid associated with the formation of hydrogen sulfide?. Pharmacological Reports, 2013, 65, 1018-1024.	1.5	20
29	Letter to the editor. Cell Biochemistry and Function, 2013, 31, 180-180.	1.4	0
30	In Vivo Anti-inflammatory Activity of Lipoic Acid Derivatives in Mice. Postepy Higieny I Medycyny Doswiadczalnej, 2013, 67, 331-338.	0.1	15
31	Acceleration of Anaerobic Cysteine Transformations to Sulfane Sulfur Consequent to $\gamma$ -Glutamyl Transpeptidase Inhibition. Scientific World Journal, The, 2012, 2012, 1-8.	0.8	3
32	The effects of garlicâ€“derived sulfur compounds on cell proliferation, caspase 3 activity, thiol levels and anaerobic sulfur metabolism in human hepatoblastoma HepG2 cells. Cell Biochemistry and Function, 2012, 30, 198-204.	1.4	50
33	The effect of uremic toxin cyanate (OCN <sup>-</sup> ) on anaerobic sulfur metabolism and prooxidative processes in the rat kidney: A protective role of lipoate. Human and Experimental Toxicology, 2011, 30, 1601-1608.	1.1	4
34	The effect of the uremic toxin cyanate (CNO <sup>âˆ’</sup> ) on anaerobic cysteine metabolism and oxidative processes in the rat liver: a protective effect of lipoate. Toxicology Mechanisms and Methods, 2011, 21, 473-478.	1.3	15
35	Thiol levels, protein carbonylation and anaerobic sulfur metabolism in erythrocytes of peritoneal dialysis and predialysis patients. Nephrology, 2010, 15, 755-761.	0.7	6
36	Effects of aspirin on the levels of hydrogen sulfide and sulfane sulfur in mouse tissues. Pharmacological Reports, 2010, 62, 304-310.	1.5	12

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37	Biological properties of garlic and garlic-derived organosulfur compounds. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 247-265.	0.9	356
38	The role of lipoic acid in prevention of nitroglycerin tolerance. <i>European Journal of Pharmacology</i> , 2008, 591, 203-210.	1.7	27
39	The glial Gomori-positive material is sulfane sulfur.. <i>Folia Histochemica Et Cytobiologica</i> , 2008, 46, 73-7.	0.6	6
40	Biological actions of lipoic acid associated with sulfane sulfur metabolism. <i>Pharmacological Reports</i> , 2008, 60, 225-32.	1.5	29
41	The effects of modulation of $\hat{1}^3$ -glutamyl transpeptidase activity in HepG2 cells on thiol homeostasis and caspase-3-activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 201-208.	1.9	11
42	Selective effects of diallyl disulfide, a sulfane sulfur precursor, in the liver and Ehrlich ascites tumor cells. <i>European Journal of Pharmacology</i> , 2007, 569, 1-7.	1.7	16
43	Allyl disulfide as donor and cyanide as acceptor of sulfane sulfur in the mouse tissues. <i>Pharmacological Reports</i> , 2005, 57, 212-8.	1.5	19