

# Ivan Mikula

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3510511/publications.pdf>

Version: 2024-02-01

18  
papers

720  
citations

933447

10  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

973  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant nitric oxide synthase: a never-ending story?. Trends in Plant Science, 2006, 11, 524-525.	8.8	297
2	Endothelial nitric oxide synthase reduces nitrite anions to NO under anoxia. Biochemical and Biophysical Research Communications, 2006, 341, 816-821.	2.1	145
3	NOA1 is an essential GTPase required for mitochondrial protein synthesis. Molecular Biology of the Cell, 2011, 22, 1-11.	2.1	57
4	Mammalian mitochondrial nitric oxide synthase: Characterization of a novel candidate. FEBS Letters, 2006, 580, 455-462.	2.8	43
5	Isoform-specific differences in the nitrite reductase activity of nitric oxide synthases under hypoxia. Biochemical Journal, 2009, 418, 673-682.	3.7	43
6	Strategy for improved therapeutic efficiency of curcumin in the treatment of gastric cancer. Biomedicine and Pharmacotherapy, 2019, 118, 109278.	5.6	39
7	Analogies and surprising differences between recombinant nitric oxide synthase-like proteins from Staphylococcus aureus and Bacillus anthracis in their interactions with l-arginine analogs and iron ligands. Journal of Inorganic Biochemistry, 2006, 100, 2024-2033.	3.5	20
8	Epigenetic agents in combined anticancer therapy. Future Medicinal Chemistry, 2018, 10, 1113-1130.	2.3	16
9	Dynamics of NO rebinding to the heme domain of NO synthase-like proteins from bacterial pathogens. Nitric Oxide - Biology and Chemistry, 2006, 15, 312-327.	2.7	14
10	Specific ligands based on Tröger's base derivatives for the recognition of glycosaminoglycans. Dyes and Pigments, 2016, 134, 212-218.	3.7	10
11	Effects of high tidal volume mechanical ventilation on production of cytokines, iNOS, and MIP-1 $\beta$ proteins in pigs. Experimental Lung Research, 2013, 39, 1-8.	1.2	9
12	Striking Antitumor Activity of a Methinium System with Incorporated Quinoxaline Unit Obtained by Spontaneous Cyclization. ChemBioChem, 2015, 16, 555-558.	2.6	8
13	New method for recognition of sterol signalling molecules: Methinium salts as receptors for sulphated steroids. Steroids, 2015, 94, 15-20.	1.8	7
14	Pentamethinium salts as ligands for cancer: Sulfated polysaccharide co-receptors as possible therapeutic target. Bioorganic Chemistry, 2019, 82, 74-85.	4.1	7
15	Optical probes and sensors as perspective tools in epigenetics. Bioorganic and Medicinal Chemistry, 2017, 25, 2295-2306.	3.0	3
16	Dimethinium Heteroaromatic Salts as Building Blocks for Dual-Fluorescence Intracellular Probes. ChemPhotoChem, 2017, 1, 442-450.	3.0	2
17	Corrigendum to "Mammalian mitochondrial nitric oxide synthase: Characterization of a novel candidate" [FEBS Lett. 580 (2006) 455-462]. FEBS Letters, 2007, 581, 2072-2073.	2.8	0
18	P49. Only eNOS among the NOS isoforms is a nitrite reductase under hypoxia. Nitric Oxide - Biology and Chemistry, 2008, 19, 54.	2.7	0