

# Veronika Fojtáková

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4270054/publications.pdf>

Version: 2024-02-01

7  
papers

226  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gaseous O <sub>2</sub> , NO, and CO in Signal Transduction: Structure and Function Relationships of Heme-Based Gas Sensors and Heme-Redox Sensors. <i>Chemical Reviews</i> , 2015, 115, 6491-6533.	47.7	150
2	Coordination and redox state-dependent structural changes of the heme-based oxygen sensor AfGcHK associated with intraprotein signal transduction. <i>Journal of Biological Chemistry</i> , 2017, 292, 20921-20935.	3.4	19
3	Kinetic Analysis of a Globin-Coupled Histidine Kinase, AfGcHK: Effects of the Heme Iron Complex, Response Regulator, and Metal Cations on Autophosphorylation Activity. <i>Biochemistry</i> , 2015, 54, 5017-5029.	2.5	18
4	Structural characterization of the heme-based oxygen sensor, AfGcHK, its interactions with the cognate response regulator, and their combined mechanism of action in a bacterial two-component signaling system. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 1375-1389.	2.6	18
5	Catalytic enhancement of the heme-based oxygen-sensing phosphodiesterase EcDOS by hydrogen sulfide is caused by changes in heme coordination structure. <i>BioMetals</i> , 2015, 28, 637-652.	4.1	8
6	Effects of hydrogen sulfide on the heme coordination structure and catalytic activity of the globin-coupled oxygen sensor AfGcHK. <i>BioMetals</i> , 2016, 29, 715-729.	4.1	7
7	The capacity and effectiveness of diosmectite and charcoal in trapping the compounds causing the most frequent intoxications in acute medicine: A comparative study. <i>Environmental Toxicology and Pharmacology</i> , 2017, 52, 214-220.	4.0	6