

# Shilpa Bali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11324862/publications.pdf>

Version: 2024-02-01

10  
papers

499  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular hijacking of siroheme for the synthesis of heme and <i>d</i> <sub>1</sub> heme. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18260-18265.	7.1	121
2	Molecular Basis of Celmer's Rules: Stereochemistry of Catalysis by Isolated Ketoreductase Domains from Modular Polyketide Synthases. Chemistry and Biology, 2005, 12, 1145-1153.	6.0	101
3	Recent advances in the biosynthesis of modified tetrapyrroles: the discovery of an alternative pathway for the formation of heme and heme d <sub>1</sub> . Cellular and Molecular Life Sciences, 2014, 71, 2837-2863.	5.4	54
4	Cytochrome cd1 Nitrite Reductase NirS Is Involved in Anaerobic Magnetite Biomineralization in Magnetospirillum gryphiswaldense and Requires NirN for Proper d <sub>1</sub> Heme Assembly. Journal of Bacteriology, 2013, 195, 4297-4309.	2.2	48
5	<i>d</i> <sub>1</sub> heme biogenesis – assessing the roles of three nir gene products. FEBS Journal, 2009, 276, 6399-6411.	4.7	40
6	Ketoreduction in Mycolactone Biosynthesis: Insight into Substrate Specificity and Stereocontrol from Studies of Discrete Ketoreductase Domains in vitro. ChemBioChem, 2006, 7, 1935-1942.	2.6	36
7	Broad Substrate Specificity of Ketoreductases Derived from Modular Polyketide Synthases. ChemBioChem, 2006, 7, 478-484.	2.6	33
8	The <i>Paracoccus denitrificans</i> N <sub>2</sub> K-like nitrate and nitrite transporters – probing nitrate uptake and nitrate/nitrite exchange mechanisms. Molecular Microbiology, 2017, 103, 117-133.	2.5	30
9	Identification and characterization of the “missing” terminal enzyme for siroheme biosynthesis in <i>Î±</i> -proteobacteria. Molecular Microbiology, 2014, 92, 153-163.	2.5	20
10	NirF is a periplasmic protein that binds <i>d</i> <sub>1</sub> heme as part of its essential role in <i>d</i> <sub>1</sub> heme biogenesis. FEBS Journal, 2010, 277, 4944-4955.	4.7	16