

# 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	The <i>PncN</i> of <i>Paracoccus denitrificans</i> is a <i>NarK</i> -like nitrate and nitrite transporter probing nitrate uptake and nitrate/nitrite exchange mechanisms. <i>Molecular Microbiology</i> , 2017, 103, 117-133.	2.5	30
2	Identification and characterization of the <i>NirS</i> terminal enzyme for siroheme biosynthesis in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2014, 92, 153-163.	2.5	20
3	Recent advances in the biosynthesis of modified tetrapyrroles: the discovery of an alternative pathway for the formation of heme and heme d1. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2837-2863.	5.4	54
4	Cytochrome cd1 Nitrite Reductase NirS Is Involved in Anaerobic Magnetite Biomineralization in <i>Magnetospirillum gryphiswaldense</i> and Requires NirN for Proper d1 Heme Assembly. <i>Journal of Bacteriology</i> , 2013, 195, 4297-4309.	2.2	48
5	Molecular hijacking of siroheme for the synthesis of heme and d1 heme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18260-18265.	7.1	121
6	NirF is a periplasmic protein that binds d1 heme as part of its essential role in d1 heme biogenesis. <i>FEBS Journal</i> , 2010, 277, 4944-4955.	4.7	16
7	d1 heme biogenesis – assessing the roles of three nir gene products. <i>FEBS Journal</i> , 2009, 276, 6399-6411.	4.7	40
8	Broad Substrate Specificity of Ketoreductases Derived from Modular Polyketide Synthases. <i>ChemBioChem</i> , 2006, 7, 478-484.	2.6	33
9	Ketoreduction in Mycolactone Biosynthesis: Insight into Substrate Specificity and Stereocontrol from Studies of Discrete Ketoreductase Domains in vitro. <i>ChemBioChem</i> , 2006, 7, 1935-1942.	2.6	36
10	Molecular Basis of Celmer's Rules: Stereochemistry of Catalysis by Isolated Ketoreductase Domains from Modular Polyketide Synthases. <i>Chemistry and Biology</i> , 2005, 12, 1145-1153.	6.0	101