

# Bettina Janesch

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

430  
citations

759233

12  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

601  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Functional Analysis of the S-Layer Protein SplA of <i>Paenibacillus larvae</i> , the Causative Agent of American Foulbrood of Honey Bees. <i>PLoS Pathogens</i> , 2012, 8, e1002716.	4.7	68
2	Protein tyrosine O-glycosylation—A rather unexplored prokaryotic glycosylation system. <i>Glycobiology</i> , 2010, 20, 787-798.	2.5	62
3	Construction of a Gene Knockout System for Application in <i>Paenibacillus alvei</i> CCM 2051 <sup>T</sup> , Exemplified by the S-Layer Glycan Biosynthesis Initiation Enzyme WsfP. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3077-3085.	3.1	46
4	Characterization of an $\alpha$ -fucosidase from the periodontal pathogen <i>Tannerella forsythia</i> . <i>Virulence</i> , 2015, 6, 282-292.	4.4	35
5	Are the Surface Layer Homology Domains Essential for Cell Surface Display and Glycosylation of the S-Layer Protein from <i>Paenibacillus alvei</i> CCM 2051T?. <i>Journal of Bacteriology</i> , 2013, 195, 565-575.	2.2	28
6	Structural basis of cell wall anchoring by SLH domains in <i>Paenibacillus alvei</i> . <i>Nature Communications</i> , 2018, 9, 3120.	12.8	27
7	A General Protein O-Glycosylation Gene Cluster Encodes the Species-Specific Glycan of the Oral Pathogen <i>Tannerella forsythia</i> : O-Glycan Biosynthesis and Immunological Implications. <i>Frontiers in Microbiology</i> , 2018, 9, 2008.	3.5	23
8	A pseudaminic acid or a legionaminic acid derivative transferase is strain-specifically implicated in the general protein O-glycosylation system of the periodontal pathogen <i>Tannerella forsythia</i> . <i>Glycobiology</i> , 2017, 27, 555-567.	2.5	22
9	Cell surface display of chimeric glycoproteins via the S-layer of <i>Paenibacillus alvei</i> . <i>Carbohydrate Research</i> , 2010, 345, 1422-1431.	2.3	21
10	<i>Tannerella forsythia</i> strains display different cell-surface nonulosonic acids: biosynthetic pathway characterization and first insight into biological implications. <i>Glycobiology</i> , 2017, 27, 342-357.	2.5	21
11	<i>Lactobacillus buchneri</i> S-layer as carrier for an Ara h 2-derived peptide for peanut allergen-specific immunotherapy. <i>Molecular Immunology</i> , 2017, 85, 81-88.	2.2	21
12	The S-Layer Homology Domain-Containing Protein SlhA from <i>Paenibacillus alvei</i> CCM 2051T Is Important for Swarming and Biofilm Formation. <i>PLoS ONE</i> , 2013, 8, e76566.	2.5	21
13	Flagellin glycosylation in <i>Paenibacillus alvei</i> CCM 2051 <sup>T</sup> . <i>Glycobiology</i> , 2016, 26, cwv087.	2.5	9
14	Directed evolution of bacterial polysialyltransferases. <i>Glycobiology</i> , 2019, 29, 588-598.	2.5	8
15	Comparison of $\alpha$ 2,6-sialyltransferases for sialylation of therapeutic proteins. <i>Glycobiology</i> , 2019, 29, 735-747.	2.5	7
16	A Combination of Structural, Genetic, Phenotypic and Enzymatic Analyses Reveals the Importance of a Predicted Fucosyltransferase to Protein O-Glycosylation in the Bacteroidetes. <i>Biomolecules</i> , 2021, 11, 1795.	4.0	5
17	Description of a Putative Oligosaccharyl:S-Layer Protein Transferase from the Tyrosine O-Glycosylation System of <i>Paenibacillus alvei</i> CCM 2051 <sup>T</sup> . <i>Advances in Microbiology</i> , 2012, 02, 537-546.	0.6	4
18	Assay Methods for the Glycosyltransferases Involved in Synthesis of Bacterial Polysaccharides. <i>Methods in Molecular Biology</i> , 2019, 1954, 215-235.	0.9	2