

# Marcin Grabowicz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1437157/publications.pdf>

Version: 2024-02-01

23  
papers

1,111  
citations

516215

16  
h-index

676716

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1296  
citing authors

#	ARTICLE	IF	CITATIONS
1	A small-molecule inhibitor of BamA impervious to efflux and the outer membrane permeability barrier. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21748-21757.	3.3	136
2	Envelope Stress Responses: An Interconnected Safety Net. Trends in Biochemical Sciences, 2017, 42, 232-242.	3.7	112
3	The bacterial outer membrane is an evolving antibiotic barrier. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8852-8854.	3.3	106
4	Redefining the essential trafficking pathway for outer membrane lipoproteins. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4769-4774.	3.3	101
5	Characterization of a stalled complex on the $\beta^2$ -barrel assembly machine. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8717-8722.	3.3	77
6	LptE binds to and alters the physical state of LPS to catalyze its assembly at the cell surface. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9467-9472.	3.3	74
7	Countering Gram-Negative Antibiotic Resistance: Recent Progress in Disrupting the Outer Membrane with Novel Therapeutics. Antibiotics, 2019, 8, 163.	1.5	60
8	The CpxQ sRNA Negatively Regulates Skp To Prevent Mistargeting of $\beta^2$ -Barrel Outer Membrane Proteins into the Cytoplasmic Membrane. MBio, 2016, 7, e00312-16.	1.8	52
9	Inhibitor of intramembrane protease RseP blocks the $\sigma^E$ response causing lethal accumulation of unfolded outer membrane proteins. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6614-E6621.	3.3	51
10	A Stress Response Monitoring Lipoprotein Trafficking to the Outer Membrane. MBio, 2019, 10, .	1.8	51
11	Substrate binding to BamD triggers a conformational change in BamA to control membrane insertion. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2359-2364.	3.3	47
12	Mutant Alleles of <i>lptD</i> Increase the Permeability of Pseudomonas aeruginosa and Define Determinants of Intrinsic Resistance to Antibiotics. Antimicrobial Agents and Chemotherapy, 2016, 60, 845-854.	1.4	43
13	Lipoproteins and Their Trafficking to the Outer Membrane. EcoSal Plus, 2019, 8, .	2.1	36
14	Dominant Negative lptE Mutation That Supports a Role for LptE as a Plug in the LptD Barrel. Journal of Bacteriology, 2013, 195, 1327-1334.	1.0	35
15	Lipoprotein Transport: Greasing the Machines of Outer Membrane Biogenesis. BioEssays, 2018, 40, e1700187.	1.2	29
16	A mutant Escherichia coli that attaches peptidoglycan to lipopolysaccharide and displays cell wall on its surface. ELife, 2014, 3, e05334.	2.8	23
17	Lipoproteins and Their Trafficking to the Outer Membrane. , 0, , 67-76.		22
18	Mucoidy, a general mechanism for maintaining lytic phage in populations of bacteria. FEMS Microbiology Ecology, 2020, 96, .	1.3	21

#	ARTICLE	IF	CITATIONS
19	A Biological Signature for the Inhibition of Outer Membrane Lipoprotein Biogenesis. MBio, 2022, 13, .	1.8	9
20	A small conserved motif supports polarity augmentation of Shigella flexneri lcsA. Microbiology (United Kingdom), 2015, 161, 2087-2097.	0.7	8
21	Fine-Tuning of $\sigma^E$ Activation Suppresses Multiple Assembly-Defective Mutations in Escherichia coli. Journal of Bacteriology, 2019, 201, .	1.0	6
22	Editorial overview: Antibiotics special issue. Current Opinion in Microbiology, 2022, 65, v-vii.	2.3	4
23	Lipopolysaccharide surface structure does not influence lcsA polarity. FEMS Microbiology Letters, 2015, 362, fnv042.	0.7	2