

Liselot Dewachter

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

757
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840776

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1058476

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18
times ranked

855
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in respiratory complex I promote antibiotic persistence through alterations in intracellular acidity and protein synthesis. <i>Nature Communications</i> , 2022, 13, 546.	12.8	21
2	Protein Aggregation as a Bacterial Strategy to Survive Antibiotic Treatment. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 669664.	3.5	29
3	The Dynamic Transition of Persistence toward the Viable but Nonculturable State during Stationary Phase Is Driven by Protein Aggregation. <i>MBio</i> , 2021, 12, e0070321.	4.1	42
4	GTP Binding Is Necessary for the Activation of a Toxic Mutant Isoform of the Essential GTPase ObgE. <i>International Journal of Molecular Sciences</i> , 2020, 21, 16.	4.1	13
5	HokB Monomerization and Membrane Repolarization Control Persister Awakening. <i>Molecular Cell</i> , 2019, 75, 1031-1042.e4.	9.7	57
6	Bacterial Heterogeneity and Antibiotic Survival: Understanding and Combatting Persistence and Heteroresistance. <i>Molecular Cell</i> , 2019, 76, 255-267.	9.7	123
7	Biochemical determinants of ObgE-mediated persistence. <i>Molecular Microbiology</i> , 2019, 112, 1593-1608.	2.5	7
8	An integrative view of cell cycle control in <i>Escherichia coli</i> . <i>FEMS Microbiology Reviews</i> , 2018, 42, 116-136.	8.6	63
9	The Persistence-Inducing Toxin HokB Forms Dynamic Pores That Cause ATP Leakage. <i>MBio</i> , 2018, 9, .	4.1	68
10	A Mutant Isoform of ObgE Causes Cell Death by Interfering with Cell Division. <i>Frontiers in Microbiology</i> , 2017, 8, 1193.	3.5	14
11	Reactive oxygen species do not contribute to ObgE*-mediated programmed cell death. <i>Scientific Reports</i> , 2016, 6, 33723.	3.3	14
12	The bacterial cell cycle checkpoint protein Obg and its role in programmed cell death. <i>Microbial Cell</i> , 2016, 3, 255-256.	3.2	5
13	Obg and Membrane Depolarization Are Part of a Microbial Bet-Hedging Strategy that Leads to Antibiotic Tolerance. <i>Molecular Cell</i> , 2015, 59, 9-21.	9.7	261
14	A Single-Amino-Acid Substitution in Obg Activates a New Programmed Cell Death Pathway in <i>Escherichia coli</i> . <i>MBio</i> , 2015, 6, e01935-15.	4.1	22
15	Amoxicillin-resistant <i>Streptococcus pneumoniae</i> can be resensitized by targeting the mevalonate pathway as indicated by sCRilecs-seq. <i>ELife</i> , 0, 11, .	6.0	11