

# Ece Karatan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9452656/publications.pdf>

Version: 2024-02-01

12  
papers

1,297  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Signals, Regulatory Networks, and Materials That Build and Break Bacterial Biofilms. <i>Microbiology and Molecular Biology Reviews</i> , 2009, 73, 310-347.	6.6	809
2	NspS, a Predicted Polyamine Sensor, Mediates Activation of <i>Vibrio cholerae</i> Biofilm Formation by Norspermidine. <i>Journal of Bacteriology</i> , 2005, 187, 7434-7443.	2.2	166
3	Spermidine regulates <i>Vibrio cholerae</i> biofilm formation via transport and signaling pathways. <i>FEMS Microbiology Letters</i> , 2009, 299, 166-174.	1.8	80
4	Role for Glycine Betaine Transport in <i>Vibrio cholerae</i> Osmoadaptation and Biofilm Formation within Microbial Communities. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3840-3847.	3.1	73
5	A wider role for polyamines in biofilm formation. <i>Biotechnology Letters</i> , 2013, 35, 1715-1717.	2.2	44
6	<i>Vibrio cholerae</i> NspS, a homologue of ABC-type periplasmic solute binding proteins, facilitates transduction of polyamine signals independent of their transport. <i>Microbiology (United Kingdom)</i> , 2014, 160, 832-843.	1.8	37
7	Spermine inhibits <i>Vibrio cholerae</i> biofilm formation through the NspS-MbaA polyamine signaling system. <i>Journal of Biological Chemistry</i> , 2017, 292, 17025-17036.	3.4	34
8	Effects of Polyamines on <i>Vibrio cholerae</i> Virulence Properties. <i>PLoS ONE</i> , 2013, 8, e60765.	2.5	20
9	Relative contributions of norspermidine synthesis and signaling pathways to the regulation of <i>Vibrio cholerae</i> biofilm formation. <i>PLoS ONE</i> , 2017, 12, e0186291.	2.5	13
10	Elevated levels of the norspermidine synthesis enzyme NspC enhance <i>Vibrio cholerae</i> biofilm formation without affecting intracellular norspermidine concentrations. <i>FEMS Microbiology Letters</i> , 2012, 329, 18-27.	1.8	11
11	A mutagenic screen reveals NspS residues important for regulation of <i>Vibrio cholerae</i> biofilm formation. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	1.8	9
12	Signals Modulating Cyclic di-GMP Pathways in <i>Vibrio cholerae</i> . , 2020, , 357-378.		1