

# Petya V Krasteva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3285524/publications.pdf>

Version: 2024-02-01

25  
papers

1,620  
citations

623188

14  
h-index

676716

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2082  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Vibrio cholerae</i> VpsT Regulates Matrix Production and Motility by Directly Sensing Cyclic di-GMP. <i>Science</i> , 2010, 327, 866-868.	6.0	397
2	Structural and mechanistic insights into the bacterial amyloid secretion channel CsgG. <i>Nature</i> , 2014, 516, 250-253.	13.7	246
3	Phosphorylation-Independent Regulation of the Diguanylate Cyclase WspR. <i>PLoS Biology</i> , 2008, 6, e67.	2.6	189
4	Mechanistic insights into c-di-GMP-dependent control of the biofilm regulator FleQ from <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E209-18.	3.3	160
5	Structural Basis for c-di-GMP-Mediated Inside-Out Signaling Controlling Periplasmic Proteolysis. <i>PLoS Biology</i> , 2011, 9, e1000588.	2.6	159
6	Sensing the messenger: The diverse ways that bacteria signal through c-di-GMP. <i>Protein Science</i> , 2012, 21, 929-948.	3.1	109
7	Versatile modes of cellular regulation via cyclic dinucleotides. <i>Nature Chemical Biology</i> , 2017, 13, 350-359.	3.9	99
8	Insights into the structure and assembly of a bacterial cellulose secretion system. <i>Nature Communications</i> , 2017, 8, 2065.	5.8	90
9	Bacterial transformation: ComFA is a DNA-dependent ATPase that forms complexes with ComFC and DprA. <i>Molecular Microbiology</i> , 2017, 105, 741-754.	1.2	42
10	Weaving of bacterial cellulose by the Bcs secretion systems. <i>FEMS Microbiology Reviews</i> , 2022, 46, .	3.9	28
11	Conserved <i>Streptococcus pneumoniae</i> Spirosomes Suggest a Single Type of Transformation Pilus in Competence. <i>PLoS Pathogens</i> , 2015, 11, e1004835.	2.1	26
12	Architecture and regulation of an enterobacterial cellulose secretion system. <i>Science Advances</i> , 2021, 7, .	4.7	19
13	Biophysical Assays for Protein Interactions in the Wsp Sensory System and Biofilm Formation. <i>Methods in Enzymology</i> , 2010, 471, 161-184.	0.4	16
14	Structure and Multitasking of the c-di-GMP-Sensing Cellulose Secretion Regulator BcsE. <i>MBio</i> , 2020, 11, .	1.8	16
15	Analysis of HubP-dependent cell pole protein targeting in <i>Vibrio cholerae</i> uncovers novel motility regulators. <i>PLoS Genetics</i> , 2022, 18, e1009991.	1.5	11
16	Isothermal Titration Calorimetry to Determine Apparent Dissociation Constants ( $K_d$ ) and Stoichiometry of Interaction ( $n$ ) of C-di-GMP Binding Proteins. <i>Methods in Molecular Biology</i> , 2017, 1657, 403-416.	0.4	5
17	Bacterial electrophysiology brought to light. <i>Nature Methods</i> , 2011, 8, 714-714.	9.0	2
18	CRISPR snapshots of a gene-editing tool. <i>Nature Methods</i> , 2014, 11, 365-365.	9.0	2

#	ARTICLE	IF	CITATIONS
19	Wholesome proteomics. Nature Methods, 2011, 8, 1002-1002.	9.0	1
20	Molecular matchmaking for neural control. Nature Methods, 2011, 8, 898-898.	9.0	1
21	Taming crystals' whimsy. Nature Methods, 2011, 8, 622-622.	9.0	1
22	DNA nanoLEGology. Nature Methods, 2012, 9, 640-641.	9.0	1
23	Clarifying brain structure, literally. Nature Methods, 2011, 8, 793-793.	9.0	0
24	RNA structures. Nature Methods, 2012, 9, 38-38.	9.0	0
25	Zooming in on nuclear logistics. Nature Methods, 2014, 11, 126-126.	9.0	0