Petya V Krasteva

List of Publications by Year
in descending order

25	1,620	623734 14	677142 22
papers	citations	h-index	g-index

25	25	25	2082
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Weaving of bacterial cellulose by the Bcs secretion systems. FEMS Microbiology Reviews, 2022, 46, .	8.6	28
2	Analysis of HubP-dependent cell pole protein targeting inÂVibrio cholerae uncovers novel motility regulators. PLoS Genetics, 2022, 18, e1009991.	3.5	11
3	Architecture and regulation of an enterobacterial cellulose secretion system. Science Advances, 2021, 7, .	10.3	19
4	Structure and Multitasking of the c-di-GMP-Sensing Cellulose Secretion Regulator BcsE. MBio, 2020, 11, .	4.1	16
5	Bacterial transformation: ComFA is a DNAâ€dependent ATPase that forms complexes with ComFC and DprA. Molecular Microbiology, 2017, 105, 741-754.	2.5	42
6	Versatile modes of cellular regulation via cyclic dinucleotides. Nature Chemical Biology, 2017, 13, 350-359.	8.0	99
7	Isothermal Titration Calorimetry to Determine Apparent Dissociation Constants (K d) and Stoichiometry of Interaction (n) of C-di-GMP Binding Proteins. Methods in Molecular Biology, 2017, 1657, 403-416.	0.9	5
8	Insights into the structure and assembly of a bacterial cellulose secretion system. Nature Communications, 2017, 8, 2065.	12.8	90
9	Mechanistic insights into c-di-GMPâ€“dependent control of the biofilm regulator FleQ from Pseudomonas aeruginosa. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E209-18.	7.1	160
10	Conserved Streptococcus pneumoniae Spirosomes Suggest a Single Type of Transformation Pilus in Competence. PLoS Pathogens, 2015, 11, e1004835.	4.7	26
11	Structural and mechanistic insights into the bacterial amyloid secretion channel CsgG. Nature, 2014, 516, 250-253.	27.8	246
12	Zooming in on nuclear logistics. Nature Methods, 2014, 11, 126-126.	19.0	0
13	CRISPR snapshots of a gene-editing tool. Nature Methods, 2014, 11, 365-365.	19.0	2
14	RNA structures. Nature Methods, 2012, 9, 38-38.	19.0	0
15	DNA nanoLEGOlogy. Nature Methods, 2012, 9, 640-641.	19.0	1
16	Sensing the messenger: The diverse ways that bacteria signal through câ€diâ€GMP. Protein Science, 2012, 21, 929-948.	7.6	109
17	Wholesome proteomics. Nature Methods, 2011, 8, 1002-1002.	19.0	1
18	Molecular matchmaking for neural control. Nature Methods, 2011, 8, 898-898.	19.0	1

#	Article	IF	Citations
19	Taming crystals' whimsy. Nature Methods, 2011, 8, 622-622.	19.0	1
20	Clarifying brain structure, literally. Nature Methods, 2011, 8, 793-793.	19.0	0
21	Bacterial electrophysiology brought to light. Nature Methods, 2011, 8, 714-714.	19.0	2
22	Structural Basis for c-di-GMP-Mediated Inside-Out Signaling Controlling Periplasmic Proteolysis. PLoS Biology, 2011, 9, e1000588.	5.6	159
23	Biophysical Assays for Protein Interactions in the Wsp Sensory System and Biofilm Formation. Methods in Enzymology, 2010, 471, 161-184.	1.0	16
24	Vibrio cholerae VpsT Regulates Matrix Production and Motility by Directly Sensing Cyclic di-GMP. Science, 2010, 327, 866-868.	12.6	397
25	Phosphorylation-Independent Regulation of the Diguanylate Cyclase WspR. PLoS Biology, 2008, 6, e67.	5.6	189