

Denitsa Eckweiler

List of Publications by Year in descending order

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papers

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citations

331538

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32
docs citations

32
times ranked

2123
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Pseudomonas aeruginosa</i> Transcriptome in Planktonic Cultures and Static Biofilms Using RNA Sequencing. PLoS ONE, 2012, 7, e31092.	1.1	212
2	Elucidation of Sigma Factor-Associated Networks in <i>Pseudomonas aeruginosa</i> Reveals a Modular Architecture with Limited and Function-Specific Crosstalk. PLoS Pathogens, 2015, 11, e1004744.	2.1	134
3	Structure and energetics of Cu ₂ clusters with (2 ⁺ 1/2 ⁻ 150): An embedded-atom-method study. Physical Review B, 2006, 73, .	1.1	87
4	The <i>Pseudomonas aeruginosa</i> Transcriptional Landscape Is Shaped by Environmental Heterogeneity and Genetic Variation. MBio, 2015, 6, e00749.	1.8	73
5	Transcriptome Profiling of Antimicrobial Resistance in <i>Pseudomonas aeruginosa</i> . Antimicrobial Agents and Chemotherapy, 2016, 60, 4722-4733.	1.4	67
6	<i>In Vivo</i> mRNA Profiling of Uropathogenic <i>Escherichia coli</i> from Diverse Phylogroups Reveals Common and Group-Specific Gene Expression Profiles. MBio, 2014, 5, e01075-14.	1.8	63
7	<i>aroA</i> -Deficient <i>Salmonella enterica</i> Serovar Typhimurium Is More Than a Metabolically Attenuated Mutant. MBio, 2016, 7, .	1.8	62
8	The extensive set of accessory <i>Pseudomonas aeruginosa</i> genomic components. FEMS Microbiology Letters, 2014, 356, 235-241.	0.7	55
9	Identification of the Alternative Sigma Factor SigX Regulon and Its Implications for <i>Pseudomonas aeruginosa</i> Pathogenicity. Journal of Bacteriology, 2014, 196, 345-356.	1.0	55
10	Cross talk between the response regulators PhoB and TctD allows for the integration of diverse environmental signals in <i>Pseudomonas aeruginosa</i> . Nucleic Acids Research, 2015, 43, 6413-6425.	6.5	54
11	Regulation of Flagellum Biosynthesis in Response to Cell Envelope Stress in <i>Salmonella enterica</i> Serovar Typhimurium. MBio, 2018, 9, .	1.8	53
12	Iron Regulation in <i>Clostridioides difficile</i> . Frontiers in Microbiology, 2018, 9, 3183.	1.5	49
13	Contribution of <i>Veillonella parvula</i> to <i>Pseudomonas aeruginosa</i> -Mediated Pathogenicity in a Murine Tumor Model System. Infection and Immunity, 2015, 83, 417-429.	1.0	47
14	Dynamics of protein-protein encounter: A Langevin equation approach with reaction patches. Journal of Chemical Physics, 2008, 129, 155106.	1.2	36
15	Structure and energetics of nickel, copper, and gold clusters. European Physical Journal D, 2005, 34, 187-190.	0.6	34
16	Theoretical Study of the Structure and Energetics of Silver Clusters. Journal of Physical Chemistry C, 2007, 111, 12577-12587.	1.5	32
17	Identification of a <i>Pseudomonas aeruginosa</i> PAO1 DNA Methyltransferase, Its Targets, and Physiological Roles. MBio, 2017, 8, .	1.8	32
18	PRODORIC2: the bacterial gene regulation database in 2018. Nucleic Acids Research, 2018, 46, D320-D326.	6.5	32

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19	Deep transcriptome profiling of clinical <i>Klebsiella pneumoniae</i> isolates reveals strain and sequence type-specific adaptation. <i>Environmental Microbiology</i> , 2015, 17, 4690-4710.	1.8	31
20	Deposition of copper clusters on the Cu(111) surface. <i>Surface Science</i> , 2008, 602, 1413-1422.	0.8	22
21	Functional modules of sigma factor regulons guarantee adaptability and evolvability. <i>Scientific Reports</i> , 2016, 6, 22212.	1.6	22
22	Creating PWMs of transcription factors using 3D structure-based computation of protein-DNA free binding energies. <i>BMC Bioinformatics</i> , 2010, 11, 225.	1.2	20
23	FnrL and Three Dnr Regulators Are Used for the Metabolic Adaptation to Low Oxygen Tension in <i>Dinoroseobacter shibae</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 642.	1.5	18
24	Theoretical Study of Structure and Energetics of Gold Clusters with the EAM Method. <i>Zeitschrift Fur Physikalische Chemie</i> , 2006, 220, 811-829.	1.4	16
25	3DTF: a web server for predicting transcription factor PWMs using 3D structure-based energy calculations. <i>Nucleic Acids Research</i> , 2012, 40, W180-W185.	6.5	15
26	Application of Synthetic Peptide Arrays To Uncover Cyclic Di-GMP Binding Motifs. <i>Journal of Bacteriology</i> , 2016, 198, 138-146.	1.0	15
27	Complete Genome Sequence of Highly Adherent <i>Pseudomonas aeruginosa</i> Small-Colony Variant SCV20265. <i>Genome Announcements</i> , 2014, 2, .	0.8	13
28	Antisense transcription in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2018, 164, 889-895.	0.7	10
29	Structure and Magnetic Interaction in Organic Radical Crystals. 6. Spin-Transfer Crystals: A Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2002, 106, 2901-2909.	1.2	6
30	Formation of stable products from cluster-cluster collisions. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 346204.	0.7	5
31	Deposition of Ni 13 and Cu 13 clusters on Ni(111) and Cu(111) surfaces. <i>European Physical Journal D</i> , 2007, 45, 425-431.	0.6	3
32	Theoretical Studies of Structural, Energetic, and Electronic Properties of Clusters. <i>Zeitschrift Fur Physikalische Chemie</i> , 2008, 222, 387-405.	1.4	3