

# Denitsa Eckweiler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4168634/publications.pdf>

Version: 2024-02-01

32  
papers

1,376  
citations

331670

21  
h-index

414414

32  
g-index

32  
all docs

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.  | 2.5  | 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.    | 4.7  | 134       |
| 3  | Structure and energetics of Cu <sub>2</sub> clusters with (2 <sup>+</sup> 1/2N <sup>+</sup> 1/2150): An embedded-atom-method study. Physical Review B, 2006, 73, .                                   | 3.2  | 87        |
| 4  | The <i>Pseudomonas aeruginosa</i> Transcriptional Landscape Is Shaped by Environmental Heterogeneity and Genetic Variation. MBio, 2015, 6, e00749.   | 4.1  | 73        |
| 5  | Transcriptome Profiling of Antimicrobial Resistance in <i>Pseudomonas aeruginosa</i> . Antimicrobial Agents and Chemotherapy, 2016, 60, 4722-4733.   | 3.2  | 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.                | 4.1  | 63        |
| 7  | <i>aroA</i> -Deficient <i>Salmonella enterica</i> Serovar Typhimurium Is More Than a Metabolically Attenuated Mutant. MBio, 2016, 7, .   | 4.1  | 62        |
| 8  | The extensive set of accessory <i>Pseudomonas aeruginosa</i> genomic components. FEMS Microbiology Letters, 2014, 356, 235-241.  | 1.8  | 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.                       | 2.2  | 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. | 14.5 | 54        |
| 11 | Regulation of Flagellum Biosynthesis in Response to Cell Envelope Stress in <i>Salmonella enterica</i> Serovar Typhimurium. MBio, 2018, 9, .   | 4.1  | 53        |
| 12 | Iron Regulation in <i>Clostridioides difficile</i> . Frontiers in Microbiology, 2018, 9, 3183.   | 3.5  | 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.                       | 2.2  | 47        |
| 14 | Dynamics of protein-protein encounter: A Langevin equation approach with reaction patches. Journal of Chemical Physics, 2008, 129, 155106.   | 3.0  | 36        |
| 15 | Structure and energetics of nickel, copper, and gold clusters. European Physical Journal D, 2005, 34, 187-190.   | 1.3  | 34        |
| 16 | Theoretical Study of the Structure and Energetics of Silver Clusters. Journal of Physical Chemistry C, 2007, 111, 12577-12587.   | 3.1  | 32        |
| 17 | Identification of a <i>Pseudomonas aeruginosa</i> PAO1 DNA Methyltransferase, Its Targets, and Physiological Roles. MBio, 2017, 8, .   | 4.1  | 32        |
| 18 | PRODORIC2: the bacterial gene regulation database in 2018. Nucleic Acids Research, 2018, 46, D320-D326.  | 14.5 | 32        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 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. | 3.8  | 31        |
| 20 | Deposition of copper clusters on the Cu(111) surface. <i>Surface Science</i> , 2008, 602, 1413-1422.  | 1.9  | 22        |
| 21 | Functional modules of sigma factor regulons guarantee adaptability and evolvability. <i>Scientific Reports</i> , 2016, 6, 22212.  | 3.3  | 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.                                  | 2.6  | 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.                 | 3.5  | 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.   | 2.8  | 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.                                | 14.5 | 15        |
| 26 | Application of Synthetic Peptide Arrays To Uncover Cyclic Di-GMP Binding Motifs. <i>Journal of Bacteriology</i> , 2016, 198, 138-146.   | 2.2  | 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.   | 1.8  | 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.                | 2.6  | 6         |
| 30 | Formation of stable products from cluster-cluster collisions. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 346204.  | 1.8  | 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.   | 1.3  | 3         |
| 32 | Theoretical Studies of Structural, Energetic, and Electronic Properties of Clusters. <i>Zeitschrift Fur Physikalische Chemie</i> , 2008, 222, 387-405.  | 2.8  | 3         |