

Mario Lebendiker

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,524
citations

430874

18
h-index

501196

28
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29
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docs citations

29
times ranked

1663
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | EmrE, an Escherichia coli 12-kDa Multidrug Transporter, Exchanges Toxic Cations and H ⁺ and Is Soluble in Organic Solvents. <i>Journal of Biological Chemistry</i> , 1995, 270, 6856-6863. | 3.4 | 283 |
| 2 | Inhibiting HIV-1 integrase by shifting its oligomerization equilibrium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8316-8321. | 7.1 | 177 |
| 3 | Production of prone- α -aggregate proteins. <i>FEBS Letters</i> , 2014, 588, 236-246. | 2.8 | 116 |
| 4 | Negative Dominance Studies Demonstrate the Oligomeric Structure of EmrE, a Multidrug Antiporter from Escherichia coli. <i>Journal of Biological Chemistry</i> , 1996, 271, 31044-31048. | 3.4 | 109 |
| 5 | Determining the Secondary Structure and Orientation of EmrE, a Multi-Drug Transporter, Indicates a Transmembrane Four-Helix Bundle. <i>Biochemistry</i> , 1996, 35, 7233-7238. | 2.5 | 101 |
| 6 | Scanning Cysteine Accessibility of EmrE, an H ⁺ -coupled Multidrug Transporter from Escherichia coli, Reveals a Hydrophobic Pathway for Solutes. <i>Journal of Biological Chemistry</i> , 1999, 274, 19480-19486. | 3.4 | 94 |
| 7 | NMR investigation of the multidrug transporter EmrE, an integral membrane protein. <i>FEBS Journal</i> , 1998, 254, 610-619. | 0.2 | 86 |
| 8 | A cyanobacterial AbrB-like protein affects the apparent photosynthetic affinity for CO ₂ by modulating low-CO ₂ -induced gene expression. <i>Environmental Microbiology</i> , 2009, 11, 927-936. | 3.8 | 80 |
| 9 | Chemical Synthesis and Expression of the HIV-1 Rev Protein. <i>ChemBioChem</i> , 2011, 12, 1097-1104. | 2.6 | 68 |
| 10 | An AbrB-like protein might be involved in the regulation of cylindrospermopsin production by <i>Aphanizomenon ovalisporum</i> . <i>Environmental Microbiology</i> , 2008, 10, 988-999. | 3.8 | 51 |
| 11 | Molecular basis of the interaction between the antiapoptotic Bcl-2 family proteins and the proapoptotic protein ASPP2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12277-12282. | 7.1 | 49 |
| 12 | The Structure and Interactions of the Proline-rich Domain of ASPP2. <i>Journal of Biological Chemistry</i> , 2008, 283, 18990-18999. | 3.4 | 40 |
| 13 | Coupling Multi Angle Light Scattering to Ion Exchange chromatography (IEX-MALS) for protein characterization. <i>Scientific Reports</i> , 2018, 8, 6907. | 3.3 | 39 |
| 14 | Purification of Proteins Fused to Maltose-Binding Protein. <i>Methods in Molecular Biology</i> , 2011, 681, 281-293. | 0.9 | 31 |
| 15 | The C-terminal domain of the HIV-1 Vif protein is natively unfolded in its unbound state. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 281-287. | 2.1 | 29 |
| 16 | Identification of Residues in the Translocation Pathway of EmrE, a Multidrug Antiporter from Escherichia coli. <i>Journal of Biological Chemistry</i> , 1996, 271, 21193-21199. | 3.4 | 27 |
| 17 | Quality control of protein reagents for the improvement of research data reproducibility. <i>Nature Communications</i> , 2021, 12, 2795. | 12.8 | 25 |
| 18 | Specific Recognition of p53 Tetramers by Peptides Derived from p53 Interacting Proteins. <i>PLoS ONE</i> , 2012, 7, e38060. | 2.5 | 21 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | The vapB-vapC Operon of <i>Acidovorax citrulli</i> Functions as a Bona-fide Toxin-Antitoxin Module. <i>Frontiers in Microbiology</i> , 2016, 6, 1499. | 3.5 | 21 |
| 20 | Mechanism of the Interaction between the Intrinsically Disordered C-Terminus of the Pro-Apoptotic ARTS Protein and the Bir3 Domain of XIAP. <i>PLoS ONE</i> , 2011, 6, e24655. | 2.5 | 19 |
| 21 | Purification of Proteins Fused to Maltose-Binding Protein. <i>Methods in Molecular Biology</i> , 2017, 1485, 257-273. | 0.9 | 13 |
| 22 | The STIL protein contains intrinsically disordered regions that mediate its protein-protein interactions. <i>Chemical Communications</i> , 2014, 50, 5245-5247. | 4.1 | 10 |
| 23 | Highly homologous proteins exert opposite biological activities by using different interaction interfaces. <i>Scientific Reports</i> , 2015, 5, 11629. | 3.3 | 10 |
| 24 | Expression, purification and crystallization of CLK1 kinase - A potential target for antiviral therapy. <i>Protein Expression and Purification</i> , 2020, 176, 105742. | 1.3 | 6 |
| 25 | Quality control of purified proteins to improve data quality and reproducibility: results from a large-scale survey. <i>European Biophysics Journal</i> , 2021, 50, 453-460. | 2.2 | 6 |
| 26 | Protein purification strategies must consider downstream applications and individual biological characteristics. <i>Microbial Cell Factories</i> , 2022, 21, 52. | 4.0 | 5 |
| 27 | The disordered region of <i>Arabidopsis</i> VIP1 binds the <i>Agrobacterium</i> VirE2 protein outside its DNA-binding site. <i>Protein Engineering, Design and Selection</i> , 2014, 27, 439-446. | 2.1 | 4 |
| 28 | Differential effects of zinc binding on structured and disordered regions in the multidomain STIL protein. <i>Chemical Science</i> , 2016, 7, 4140-4147. | 7.4 | 4 |