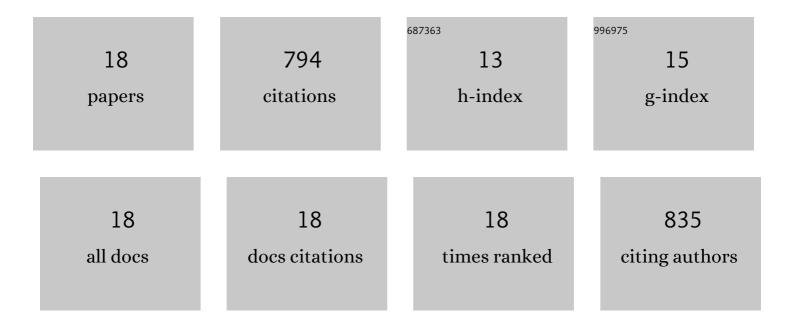
Nicholas D Lanz

List of Publications by Year in descending order

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NICHOLAS D LANZ

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Characterization of the β-KDO Transferase KpsS, the Initiating Enzyme in the Biosynthesis of the Lipid Acceptor for <i>Escherichia coli</i> Polysialic Acid. Biochemistry, 2021, 60, 2044-2054. | 2.5 | 7 |
| 2 | Enhanced Solubilization of Class B Radical <i>S</i> -Adenosylmethionine Methylases by Improved Cobalamin Uptake in <i>Escherichia coli</i> . Biochemistry, 2018, 57, 1475-1490. | 2.5 | 60 |
| 3 | 11. The role of iron-sulfur clusters in the biosynthesis of the lipoyl cofactor. , 2017, , 327-358. | | Ο |
| 4 | Characterization of Radical S-adenosylmethionine Enzymes and Intermediates in their Reactions by Continuous Wave and Pulse Electron Paramagnetic Resonance Spectroscopies. Biological Magnetic Resonance, 2017, , 143-186. | 0.4 | 2 |
| 5 | Crystallographic snapshots of sulfur insertion by lipoyl synthase. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9446-9450. | 7.1 | 89 |
| 6 | Spectroscopic and Electrochemical Characterization of the Iron–Sulfur and Cobalamin Cofactors of TsrM, an Unusual Radical <i>S</i> -Adenosylmethionine Methylase. Journal of the American Chemical Society, 2016, 138, 3416-3426. | 13.7 | 77 |
| 7 | Characterization of Lipoyl Synthase from <i>Mycobacterium tuberculosis</i> . Biochemistry, 2016, 55, 1372-1383. | 2.5 | 16 |
| 8 | Mössbauer spectroscopy of Fe/S proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1395-1405. | 4.1 | 102 |
| 9 | Auxiliary iron–sulfur cofactors in radical SAM enzymes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1316-1334. | 4.1 | 93 |
| 10 | Characterization of a Radical Intermediate in Lipoyl Cofactor Biosynthesis. Journal of the American Chemical Society, 2015, 137, 13216-13219. | 13.7 | 17 |
| 11 | Evidence for the Sacrificial Role of the Auxiliary [4Feâ€4S] Cluster of Lipoyl Synthase. FASEB Journal, 2015, 29, 572.4. | 0.5 | 0 |
| 12 | 9. The role of iron-sulfur clusters in the biosynthesis of the lipoyl cofactor. , 2014, , 211-238. | | 3 |
| 13 | Evidence for a Catalytically and Kinetically Competent Enzyme–Substrate Cross-Linked Intermediate in Catalysis by Lipoyl Synthase. Biochemistry, 2014, 53, 4557-4572. | 2.5 | 47 |
| 14 | Further Characterization of Cys-Type and Ser-Type Anaerobic Sulfatase Maturating Enzymes Suggests a Commonality in the Mechanism of Catalysis. Biochemistry, 2013, 52, 2874-2887. | 2.5 | 54 |
| 15 | RlmN and AtsB as Models for the Overproduction and Characterization of Radical SAM Proteins. Methods in Enzymology, 2012, 516, 125-152. | 1.0 | 98 |
| 16 | Identification and function of auxiliary iron–sulfur clusters in radical SAM enzymes. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 1196-1212. | 2.3 | 66 |
| 17 | Structure-based hypothesis on the activation of the CO-sensing transcription factor CooA. Acta Crystallographica Section D: Biological Crystallography, 2007, 63, 282-287. | 2.5 | 32 |
| 18 | Unexpected NO-dependent DNA binding by the CooA homolog from Carboxydothermus hydrogenoformans. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 891-896. | 7.1 | 31 |