

Noah M Reynolds

List of Publications by Year in descending order

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8
papers

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1307594

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| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | A cysteinyl-tRNA synthetase variant confers resistance against selenite toxicity and decreases selenocysteine misincorporation. <i>Journal of Biological Chemistry</i> , 2019, 294, 12855-12865. | 3.4 | 18 |
| 2 | Mechanistic insights into the slow peptide bond formation with D-amino acids in the ribosomal active site. <i>Nucleic Acids Research</i> , 2019, 47, 2089-2100. | 14.5 | 36 |
| 3 | A genomically modified <i>Escherichia coli</i> strain carrying an orthogonal <i>E. coli</i> histidyl-tRNA synthetase-tRNA His pair. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3009-3015. | 2.4 | 8 |
| 4 | The central role of tRNA in genetic code expansion. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3001-3008. | 2.4 | 27 |
| 5 | Bioinformatic Analysis Reveals Archaeal tRNA ^{Tyr} and tRNA ^{Trp} Identities in Bacteria. <i>Life</i> , 2017, 7, 8. | 2.4 | 13 |
| 6 | Dual Genetic Encoding of Acetyl-Lysine and Non-deacetylatable Thioacetyl-Lysine Mediated by Flexizyme. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4083-4086. | 13.8 | 23 |
| 7 | Pyrrolysyl-tRNA Synthetase, an Aminoacyl-tRNA Synthetase for Genetic Code Expansion. <i>Croatica Chemica Acta</i> , 2016, 89, 163-174. | 0.4 | 24 |
| 8 | Rationally evolving tRNA ^{Pyl} for efficient incorporation of noncanonical amino acids. <i>Nucleic Acids Research</i> , 2015, 43, e156-e156. | 14.5 | 86 |