

Kyle S Hoffman

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Translation of Diverse Aramid- and 1,3-Dicarbonyl-peptides by Wild Type Ribosomes <i>in Vitro</i> . ACS Central Science, 2019, 5, 1289-1294. | 11.3 | 54 |
| 2 | Genetic selection for mistranslation rescues a defective co-chaperone in yeast. Nucleic Acids Research, 2017, 45, 3407-3421. | 14.5 | 38 |
| 3 | Visualizing tRNA-dependent mistranslation in human cells. RNA Biology, 2018, 15, 567-575. | 3.1 | 35 |
| 4 | Evolving Mistranslating tRNAs Through a Phenotypically Ambivalent Intermediate in <i>Saccharomyces cerevisiae</i> . Genetics, 2017, 206, 1865-1879. | 2.9 | 24 |
| 5 | <i>Saccharomyces cerevisiae</i> Tti2 Regulates PIKK Proteins and Stress Response. G3: Genes, Genomes, Genetics, 2016, 6, 1649-1659. | 1.8 | 19 |
| 6 | A cysteinyl-tRNA synthetase variant confers resistance against selenite toxicity and decreases selenocysteine misincorporation. Journal of Biological Chemistry, 2019, 294, 12855-12865. | 3.4 | 18 |
| 7 | Mistranslation: from adaptations to applications. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3070-3080. | 2.4 | 14 |
| 8 | Versatility of Synthetic tRNAs in Genetic Code Expansion. Genes, 2018, 9, 537. | 2.4 | 11 |