

Yunan Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

526
citations

933447

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h-index

1199594

12
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13
all docs

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docs citations

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times ranked

476
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | An orthogonalized platform for genetic code expansion in both bacteria and eukaryotes. <i>Nature Chemical Biology</i> , 2017, 13, 446-450. | 8.0 | 104 |
| 2 | A Precise Chemical Strategy To Alter the Receptor Specificity of the Adeno-associated Virus. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10645-10649. | 13.8 | 64 |
| 3 | Defining the current scope and limitations of dual noncanonical amino acid mutagenesis in mammalian cells. <i>Chemical Science</i> , 2017, 8, 7211-7217. | 7.4 | 60 |
| 4 | Expanding the genetic code of mammalian cells. <i>Biochemical Society Transactions</i> , 2017, 45, 555-562. | 3.4 | 55 |
| 5 | Virus-Enabled Optimization and Delivery of the Genetic Machinery for Efficient Unnatural Amino Acid Mutagenesis in Mammalian Cells and Tissues. <i>ACS Synthetic Biology</i> , 2017, 6, 13-18. | 3.8 | 54 |
| 6 | Capturing Post-Translational Modification-Triggered Protein-Protein Interactions Using Dual Noncanonical Amino Acid Mutagenesis. <i>ACS Chemical Biology</i> , 2018, 13, 1137-1141. | 3.4 | 50 |
| 7 | Expanding the Scope of Single- and Double-Noncanonical Amino Acid Mutagenesis in Mammalian Cells Using Orthogonal Polyspecific Leucyl-tRNA Synthetases. <i>Biochemistry</i> , 2018, 57, 441-445. | 2.5 | 46 |
| 8 | Performance of optimized noncanonical amino acid mutagenesis systems in the absence of release factor 1. <i>Molecular BioSystems</i> , 2016, 12, 1746-1749. | 2.9 | 31 |
| 9 | Site-specific incorporation of citrulline into proteins in mammalian cells. <i>Nature Communications</i> , 2021, 12, 45. | 12.8 | 26 |
| 10 | Surface photografting initiated by benzophenone in water and mixed solvents containing water and ethanol. <i>Journal of Applied Polymer Science</i> , 2012, 123, 1951-1959. | 2.6 | 19 |
| 11 | A Quencher-Free Chemoselective Protein Labeling Strategy. <i>ChemBioChem</i> , 2019, 20, 1659-1663. | 2.6 | 11 |
| 12 | A Precise Chemical Strategy To Alter the Receptor Specificity of the Adeno-associated Virus. <i>Angewandte Chemie</i> , 2016, 128, 10803-10807. | 2.0 | 5 |