

David S Waugh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7552643/publications.pdf>

Version: 2024-02-01

17
papers

1,926
citations

567281

15
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

2830
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Small molecule microarray identifies inhibitors of tyrosyl-DNA phosphodiesterase 1 that simultaneously access the catalytic pocket and two substrate binding sites. <i>Chemical Science</i> , 2021, 12, 3876-3884. | 7.4 | 18 |
| 2 | Identification of a ligand binding hot spot and structural motifs replicating aspects of tyrosyl-DNA phosphodiesterase I (TDP1) phosphoryl recognition by crystallographic fragment cocktail screening. <i>Nucleic Acids Research</i> , 2019, 47, 10134-10150. | 14.5 | 27 |
| 3 | The molecular mechanism of dsRNA processing by a bacterial Dicer. <i>Nucleic Acids Research</i> , 2019, 47, 4707-4720. | 14.5 | 9 |
| 4 | Removal of Affinity Tags with TEV Protease. <i>Methods in Molecular Biology</i> , 2017, 1586, 221-230. | 0.9 | 65 |
| 5 | A Small-Molecule Microarray Approach for the Identification of E2 Enzyme Inhibitors in Ubiquitin-Like Conjugation Pathways. <i>SLAS Discovery</i> , 2017, 22, 760-766. | 2.7 | 19 |
| 6 | Insights Into the Allosteric Inhibition of the SUMO E2 Enzyme Ubc9. <i>Angewandte Chemie</i> , 2016, 128, 5797-5801. | 2.0 | 1 |
| 7 | A dual protease approach for expression and affinity purification of recombinant proteins. <i>Analytical Biochemistry</i> , 2016, 504, 30-37. | 2.4 | 18 |
| 8 | Insights Into the Allosteric Inhibition of the SUMO E2 Enzyme Ubc9. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5703-5707. | 13.8 | 20 |
| 9 | Positional effects of fusion partners on the yield and solubility of MBP fusion proteins. <i>Protein Expression and Purification</i> , 2015, 110, 159-164. | 1.3 | 34 |
| 10 | RNase III: Genetics and Function; Structure and Mechanism. <i>Annual Review of Genetics</i> , 2013, 47, 405-431. | 7.6 | 135 |
| 11 | A stepwise model for double-stranded RNA processing by ribonuclease III. <i>Molecular Microbiology</i> , 2008, 67, 143-154. | 2.5 | 104 |
| 12 | Structural Insight into the Mechanism of Double-Stranded RNA Processing by Ribonuclease III. <i>Cell</i> , 2006, 124, 355-366. | 28.9 | 212 |
| 13 | Gateway vectors for the production of combinatorially-tagged His6-MBP fusion proteins in the cytoplasm and periplasm of <i>Escherichia coli</i> . <i>Protein Science</i> , 2005, 14, 2964-2971. | 7.6 | 148 |
| 14 | Intermediate States of Ribonuclease III in Complex with Double-Stranded RNA. <i>Structure</i> , 2005, 13, 1435-1442. | 3.3 | 50 |
| 15 | Noncatalytic Assembly of Ribonuclease III with Double-Stranded RNA. <i>Structure</i> , 2004, 12, 457-466. | 3.3 | 118 |
| 16 | Tobacco etch virus protease: mechanism of autolysis and rational design of stable mutants with wild-type catalytic proficiency. <i>Protein Engineering, Design and Selection</i> , 2001, 14, 993-1000. | 2.1 | 729 |
| 17 | Crystallographic and Modeling Studies of RNase III Suggest a Mechanism for Double-Stranded RNA Cleavage. <i>Structure</i> , 2001, 9, 1225-1236. | 3.3 | 219 |