

James R Yates

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4503778/publications.pdf>

Version: 2024-02-01

15
papers

839
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1079
citing authors

#	ARTICLE	IF	CITATIONS
1	Teichoic acids are temporal and spatial regulators of peptidoglycan cross-linking in <i>Staphylococcus aureus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18991-18996.	7.1	225
2	Double-Stranded DNA Translocation: Structure and Mechanism of Hexameric FtsK. Molecular Cell, 2006, 23, 457-469.	9.7	217
3	Recombination and chromosome segregation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 61-69.	4.0	70
4	<i>In situ</i> solid-state nanopore fabrication. Chemical Society Reviews, 2021, 50, 4974-4992.	38.1	64
5	Dissection of a functional interaction between the DNA translocase, FtsK, and the XerD recombinase. Molecular Microbiology, 2006, 59, 1754-1766.	2.5	55
6	Species specificity in the activation of Xer recombination at dif by FtsK. Molecular Microbiology, 2003, 49, 241-249.	2.5	51
7	Wall Teichoic Acids of <i>Staphylococcus aureus</i> Limit Recognition by the <i>Drosophila</i> Peptidoglycan Recognition Protein-SA to Promote Pathogenicity. PLoS Pathogens, 2011, 7, e1002421.	4.7	46
8	An early cytoplasmic step of peptidoglycan synthesis is associated to MreB in <i>Bacillus subtilis</i> . Molecular Microbiology, 2014, 91, 348-362.	2.5	35
9	FIB patterning of dielectric, metallized and graphene membranes: A comparative study. Microelectronic Engineering, 2014, 121, 87-91.	2.4	25
10	Sensing Single Mixed-Monolayer Protected Gold Nanoparticles by the $\hat{\pm}$ -Hemolysin Nanopore. Analytical Chemistry, 2013, 85, 10149-10158.	6.5	23
11	Localised solid-state nanopore fabrication via controlled breakdown using on-chip electrodes. Nano Research, 2022, 15, 9881-9889.	10.4	8
12	Zero-mode waveguide detection of DNA translocation through FIB-organised arrays of engineered nanopores. Microelectronic Engineering, 2018, 187-188, 90-94.	2.4	7
13	Single molecule characterisation of metal nanoparticles using nanopore-based stochastic detection methods. Sensors and Actuators B: Chemical, 2018, 255, 2032-2049.	7.8	7
14	Understanding Electrical Conduction and Nanopore Formation During Controlled Breakdown. Small, 2021, 17, 2102543.	10.0	6
15	Solid State Nanopore Kit for Real-Time Analysis of DNA and Other Analytes. Biophysical Journal, 2017, 112, 154a.	0.5	0