

Yoshikazu Kawai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5247810/publications.pdf>

Version: 2024-02-01

15
papers

1,386
citations

623734

14
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1385
citing authors

#	ARTICLE	IF	CITATIONS
1	A widespread family of bacterial cell wall assembly proteins. EMBO Journal, 2011, 30, 4931-4941.	7.8	224
2	Excess Membrane Synthesis Drives a Primitive Mode of Cell Proliferation. Cell, 2013, 152, 997-1007.	28.9	186
3	RodA as the missing glycosyltransferase in <i>Bacillus subtilis</i> and antibiotic discovery for the peptidoglycan polymerase pathway. Nature Microbiology, 2017, 2, 16253.	13.3	159
4	Regulation of cell wall morphogenesis in <i>Bacillus subtilis</i> by recruitment of PBP1 to the MreB helix. Molecular Microbiology, 2009, 71, 1131-1144.	2.5	124
5	General principles for the formation and proliferation of a wall-free (L-form) state in bacteria. ELife, 2014, 3, .	6.0	98
6	Partial functional redundancy of MreB isoforms, MreB, Mbl and MreBH, in cell morphogenesis of <i>Bacillus subtilis</i> . Molecular Microbiology, 2009, 73, 719-731.	2.5	90
7	Cell Growth of Wall-Free L-Form Bacteria Is Limited by Oxidative Damage. Current Biology, 2015, 25, 1613-1618.	3.9	89
8	L-form bacteria, chronic diseases and the origins of life. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150494.	4.0	88
9	Lysozyme Counteracts β -Lactam Antibiotics by Promoting the Emergence of L-Form Bacteria. Cell, 2018, 172, 1038-1049.e10.	28.9	88
10	Possible role of L-form switching in recurrent urinary tract infection. Nature Communications, 2019, 10, 4379.	12.8	65
11	The rod to L-form transition of <i>Bacillus subtilis</i> is limited by a requirement for the protoplast to escape from the cell wall sacculus. Molecular Microbiology, 2012, 83, 52-66.	2.5	48
12	Bacterial Cell Morphogenesis Does Not Require a Preexisting Template Structure. Current Biology, 2014, 24, 863-867.	3.9	47
13	Crucial role for central carbon metabolism in the bacterial L-form switch and killing by β -lactam antibiotics. Nature Microbiology, 2019, 4, 1716-1726.	13.3	47
14	Wall proficient <i>E. coli</i> capable of sustained growth in the absence of the Z-ring division machine. Nature Microbiology, 2016, 1, 16091.	13.3	27
15	Characterization of the L-form switch in the Gram-negative pathogen <i>Streptobacillus moniliformis</i> . FEMS Microbiology Letters, 2021, 368, .	1.8	3