Akira Wada

List of Publications by Year
in descending order

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Version: 2024-02-01

17	1,212	516215	887659
papers	citations	16 h-index	17 g-index

17	17	17	824
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two proteins, YfiA and YhbH, associated with resting ribosomes in stationary phaseEscherichia coli. Genes To Cells, 2000, 5, 965-974.	0.5	132
2	Ribosome binding proteins YhbH and YfiA have opposite functions during 100S formation in the stationary phase ofEscherichia coli. Genes To Cells, 2005, 10, 1103-1112.	0.5	126
3	Growth phase coupled modulation of Escherichia coli ribosomes. Genes To Cells, 1998, 3, 203-208.	0.5	116
4	Role of HPF (Hibernation Promoting Factor) in Translational Activity in Escherichia coli. Journal of Biochemistry, 2008, 143, 425-433.	0.9	100
5	Expression of ribosome modulation factor (RMF) inEscherichia colirequires ppGpp. Genes To Cells, 2001, 6, 665-676.	0.5	92
6	Analysis of Escherichia coli Ribosomal Proteins by an Improved Two Dimensional Gel Electrophoresis. I. Detection of Four New Proteins. Journal of Biochemistry, 1986, 100, 1583-1594.	0.9	84
7	The Ribosome Modulation Factor (RMF) Binding Site on the 100S Ribosome of Escherichia coli. Journal of Biochemistry, 2002, 132, 983-989.	0.9	77
8	The <scp>100S</scp> ribosome: ribosomal hibernation induced by stress. Wiley Interdisciplinary Reviews RNA, 2014, 5, 723-732.	3.2	74
9	Formation of 100S ribosomes in Staphylococcus aureus by the hibernation promoting factor homolog SaHPF. Genes To Cells, 2010, 15, 43-58.	0.5	73
10	Structure of the 100S Ribosome in the Hibernation Stage Revealed by Electron Cryomicroscopy. Structure, 2010, 18, 719-724.	1.6	60
11	RMF inactivates ribosomes by covering the peptidyl transferase centre and entrance of peptide exit tunnel. Genes To Cells, 2004, 9, 271-278.	0.5	59
12	Systematic search for zinc-binding proteins inEscherichia coli. FEBS Journal, 2002, 269, 2403-2413.	0.2	57
13	Conservation of two distinct types of 100<scp>S</scp> ribosome in bacteria. Genes To Cells, 2013, 18, 554-574.	0.5	56
14	Analysis of Escherichia coli Ribosomal Proteins by an Improved Two Dimensional Gel Electrophoresis. II. Characterization of Fonr New Proteins. Journal of Biochemistry, 1986, 100, 1595-1605.	0.9	39
15	Ribosomal protein L31 in Escherichia coli contributes to ribosome subunit association and translation, whereas short L31 cleaved by protease 7 reduces both activities. Genes To Cells, 2017, 22, 452-471.	0.5	27
16	Conformational Studies ofEscherichia coli Ribosomes with the Use of Acridine Orange as a Probe. Journal of Biochemistry, 1981, 90, 449-461.	0.9	23
17	YkgM and YkgO maintain translation by replacing their paralogs, zincâ€binding ribosomal proteins L31 and L36, with identical activities. Genes To Cells, 2020, 25, 562-581.	0.5	17