

Yoshinori Akiyama

List of Publications by Year in descending order

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18
papers

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759233

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581
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The Escherichia coli S2P intramembrane protease RseP regulates ferric citrate uptake by cleaving the sigma factor regulator FecR. Journal of Biological Chemistry, 2021, 296, 100673. | 3.4 | 14 |
| 2 | Moving toward generalizable NZ-1 labeling for 3D structure determination with optimized epitope-tag insertion. Acta Crystallographica Section D: Structural Biology, 2021, 77, 645-662. | 2.3 | 18 |
| 3 | Edge-strand of BepA interacts with immature LptD on the β^2 -barrel assembly machine to direct it to on- and off-pathways. ELife, 2021, 10, . | 6.0 | 4 |
| 4 | Reversible autoinhibitory regulation of Escherichia coli metalloprotease BepA for selective β^2 -barrel protein degradation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27989-27996. | 7.1 | 4 |
| 5 | Fine interaction profiling of VemP and mechanisms responsible for its translocation-coupled arrest-cancelation. ELife, 2020, 9, . | 6.0 | 9 |
| 6 | An <i>in vivo</i> protease activity assay for investigating the functions of the Escherichia coli membrane protease HtpX. FEBS Letters, 2019, 593, 842-851. | 2.8 | 13 |
| 7 | Structural Basis for the Function of the β^2 -Barrel Assembly-Enhancing Protease BepA. Journal of Molecular Biology, 2019, 431, 625-635. | 4.2 | 12 |
| 8 | Involvement of a conserved GFG motif region in substrate binding by RseP, an Escherichia coli S2P protease. Molecular Microbiology, 2017, 104, 737-751. | 2.5 | 18 |
| 9 | The TPR domain of BepA is required for productive interaction with substrate proteins and the β^2 -barrel assembly machinery complex. Molecular Microbiology, 2017, 106, 760-776. | 2.5 | 26 |
| 10 | Environment of the Active Site Region of RseP, an Escherichia coli Regulated Intramembrane Proteolysis Protease, Assessed by Site-directed Cysteine Alkylation. Journal of Biological Chemistry, 2007, 282, 4553-4560. | 3.4 | 39 |
| 11 | The intramembrane active site of GlpG, an E. coli rhomboid protease, is accessible to water and hydrolyses an extramembrane peptide bond of substrates. Molecular Microbiology, 2007, 64, 435-447. | 2.5 | 55 |
| 12 | The Escherichia coli plasma membrane contains two PHB (prohibitin homology) domain protein complexes of opposite orientations. Molecular Microbiology, 2006, 60, 448-457. | 2.5 | 47 |
| 13 | Reconstitution of Membrane Proteolysis by FtsH. Journal of Biological Chemistry, 2003, 278, 18146-18153. | 3.4 | 35 |
| 14 | The Cpx stress response system of Escherichia coli senses plasma membrane proteins and controls HtpX, a membrane protease with a cytosolic active site. Genes To Cells, 2002, 7, 653-662. | 1.2 | 102 |
| 15 | Polypeptide binding of Escherichia coli FtsH (HflB). Molecular Microbiology, 2002, 28, 803-812. | 2.5 | 36 |
| 16 | Roles of multimerization and membrane association in the proteolytic functions of FtsH (HflB). EMBO Journal, 2000, 19, 3888-3895. | 7.8 | 38 |
| 17 | Roles of the Periplasmic Domain of Escherichia coli FtsH (HflB) in Protein Interactions and Activity Modulation. Journal of Biological Chemistry, 1998, 273, 22326-22333. | 3.4 | 44 |
| 18 | FtsH (HflB) Is an ATP-dependent Protease Selectively Acting on SecY and Some Other Membrane Proteins. Journal of Biological Chemistry, 1996, 271, 31196-31201. | 3.4 | 134 |