

# Hiroshi Sakamoto

## List of Publications by Year in descending order

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25  
papers

183  
citations

1306789

7  
h-index

1125271

13  
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26  
all docs

26  
docs citations

26  
times ranked

172  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A Compression-Based Multiple Subword Segmentation for Neural Machine Translation. Electronics (Switzerland), 2022, 11, 1014.   | 1.8 | 4         |
| 2  | Privacy-Preserving Feature Selection with Fully Homomorphic Encryption. Algorithms, 2022, 15, 229.   | 1.2 | 0         |
| 3  | Complex Formation of Heme Oxygenase-2 with Heme Is Competitively Inhibited by the Cytosolic Domain of Caveolin-1. Biochemistry, 2021, 60, 2300-2308.   | 1.2 | 0         |
| 4  | Computer-assisted screening of mycobacterial growth inhibitors: Exclusion of frequent hitters with the assistance of the multiple target screening method. International Journal of Mycobacteriology, 2021, 10, 307.                               | 0.3 | 3         |
| 5  | Conformational Equilibrium of NADPH-Cytochrome P450 Oxidoreductase Is Essential for Heme Oxygenase Reaction. Antioxidants, 2020, 9, 673.   | 2.2 | 5         |
| 6  | Improvement of the novel inhibitor for Mycobacterium enoyl-acyl carrier protein reductase (InhA): a structure-activity relationship study of KES4 assisted by in silico structure-based drug screening. Journal of Antibiotics, 2020, 73, 372-381. | 1.0 | 3         |
| 7  | Practical Random Access to SLP-Compressed Texts. Lecture Notes in Computer Science, 2020, , 221-231.   | 1.0 | 9         |
| 8  | Structural Modification of a Novel Inhibitor for Mycobacterium Enoyl-Acyl Carrier Protein Reductase Assisted by In Silico Structure-Based Drug Screening. International Journal of Mycobacteriology, 2020, 9, 12-17.                               | 0.3 | 0         |
| 9  | RePair in Compressed Space and Time. , 2019, , .   |     | 2         |
| 10 | Dephosphorylation of clustered phosphoserine residues in human Grb14 by protein phosphatase 1 and its effect on insulin receptor complex formation. Journal of Peptide Science, 2019, 25, e3207.   | 0.8 | 1         |
| 11 | Rpair: Rescaling RePair with Rsync. Lecture Notes in Computer Science, 2019, , 35-44.  | 1.0 | 16        |
| 12 | Phosphorylation of clustered serine residues in the N-terminus of BPS domain negatively regulates formation of the complex between human Grb14 and insulin receptor. Journal of Biochemistry, 2017, 162, mvx007.                                   | 0.9 | 4         |
| 13 | Identification of a novel class of small compounds with anti-tuberculosis activity by in silico structure-based drug screening. Journal of Antibiotics, 2017, 70, 1057-1064.   | 1.0 | 6         |
| 14 | In silico structure-based drug screening of novel antimycobacterial pharmacophores by DOCK-GOLD tandem screening. International Journal of Mycobacteriology, 2017, 6, 142.   | 0.3 | 6         |
| 15 | siEDM: An Efficient String Index and Search Algorithm for Edit Distance with Moves. Algorithms, 2016, 9, 26.   | 1.2 | 11        |
| 16 | Lazy Management for Frequency Table on Hardware-Based Stream Lossless Data Compression. Information (Switzerland), 2016, 7, 63.  | 1.7 | 7         |
| 17 | Discovery of InhA inhibitors with anti-mycobacterial activity through a matched molecular pair approach. European Journal of Medicinal Chemistry, 2015, 94, 378-385.   | 2.6 | 18        |
| 18 | Improvement of heme oxygenase-1-based heme sensor for quantifying free heme in biological samples. Analytical Biochemistry, 2015, 489, 50-52.  | 1.1 | 4         |

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|----|--|-----|-----------|
| 19 | A reconfigurable stream compression hardware based on static symbol-lookup table. , 2013, , .  |     | 2         |
| 20 | Fully-Online Grammar Compression. Lecture Notes in Computer Science, 2013, , 218-229.  | 1.0 | 21        |
| 21 | An Online Algorithm for Lightweight Grammar-Based Compression. Algorithms, 2012, 5, 214-235.   | 1.2 | 32        |
| 22 | Context-Sensitive Grammar Transform: Compression and Pattern Matching. IEICE Transactions on Information and Systems, 2010, E93-D, 219-226.  | 0.4 | 4         |
| 23 | A Space-Saving Approximation Algorithm for Grammar-Based Compression. IEICE Transactions on Information and Systems, 2009, E92-D, 158-165.   | 0.4 | 23        |
| 24 | 3P090 Determination of structure of heme oxygenase-1 and cytochrome P450 reductase complex by electron cryo-microscopy(Hemeproteins,Poster Presentations). Seibutsu Butsuri, 2007, 47, S225. | 0.0 | 0         |
| 25 | Fast Reachability Test on DAGs for XML. Transactions of the Japanese Society for Artificial Intelligence, 2007, 22, 191-199.   | 0.1 | 0         |