

Hiroshi Sakamoto

List of Publications by Year in descending order

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25
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1307366

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docs citations

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172
citing authors

#	ARTICLE	IF	CITATIONS
1	An Online Algorithm for Lightweight Grammar-Based Compression. <i>Algorithms</i> , 2012, 5, 214-235.	1.2	32
2	A Space-Saving Approximation Algorithm for Grammar-Based Compression. <i>IEICE Transactions on Information and Systems</i> , 2009, E92-D, 158-165.	0.4	23
3	Fully-Online Grammar Compression. <i>Lecture Notes in Computer Science</i> , 2013, , 218-229.	1.0	21
4	Discovery of InhA inhibitors with anti-mycobacterial activity through a matched molecular pair approach. <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 378-385.	2.6	18
5	Rpair: Rescaling RePair with Rsync. <i>Lecture Notes in Computer Science</i> , 2019, , 35-44.	1.0	16
6	siEDM: An Efficient String Index and Search Algorithm for Edit Distance with Moves. <i>Algorithms</i> , 2016, 9, 26.	1.2	11
7	Practical Random Access to ASLP-Compressed Texts. <i>Lecture Notes in Computer Science</i> , 2020, , 221-231.	1.0	9
8	Lazy Management for Frequency Table on Hardware-Based Stream Lossless Data Compression. <i>Information (Switzerland)</i> , 2016, 7, 63.	1.7	7
9	Identification of a novel class of small compounds with anti-tuberculosis activity by in silico structure-based drug screening. <i>Journal of Antibiotics</i> , 2017, 70, 1057-1064.	1.0	6
10	In silico structure-based drug screening of novel antimycobacterial pharmacophores by DOCK-GOLD tandem screening. <i>International Journal of Mycobacteriology</i> , 2017, 6, 142.	0.3	6
11	Conformational Equilibrium of NADPH-Cytochrome P450 Oxidoreductase Is Essential for Heme Oxygenase Reaction. <i>Antioxidants</i> , 2020, 9, 673.	2.2	5
12	Context-Sensitive Grammar Transform: Compression and Pattern Matching. <i>IEICE Transactions on Information and Systems</i> , 2010, E93-D, 219-226.	0.4	4
13	Improvement of heme oxygenase-1-based heme sensor for quantifying free heme in biological samples. <i>Analytical Biochemistry</i> , 2015, 489, 50-52.	1.1	4
14	Phosphorylation of clustered serine residues in the N-terminus of BPS domain negatively regulates formation of the complex between human Grb14 and insulin receptor. <i>Journal of Biochemistry</i> , 2017, 162, mvx007.	0.9	4
15	A Compression-Based Multiple Subword Segmentation for Neural Machine Translation. <i>Electronics (Switzerland)</i> , 2022, 11, 1014.	1.8	4
16	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. <i>Journal of Antibiotics</i> , 2020, 73, 372-381.	1.0	3
17	Computer-assisted screening of mycobacterial growth inhibitors: Exclusion of frequent hitters with the assistance of the multiple target screening method. <i>International Journal of Mycobacteriology</i> , 2021, 10, 307.	0.3	3
18	A reconfigurable stream compression hardware based on static symbol-lookup table. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	RePair in Compressed Space and Time. , 2019, , .		2
20	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
21	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
22	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
23	Fast Reachability Test on DAGs for XML. Transactions of the Japanese Society for Artificial Intelligence, 2007, 22, 191-199.	0.1	0
24	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
25	Privacy-Preserving Feature Selection with Fully Homomorphic Encryption. Algorithms, 2022, 15, 229.	1.2	0