

Masahiro Hattori

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

7,024
citations

8
h-index

13
g-index

13
ext. papers

8,325
ext. citations

11.4
avg, IF

4.93
L-index

#	Paper	IF	Citations
12	KEGG for linking genomes to life and the environment. <i>Nucleic Acids Research</i> , 2008 , 36, D480-4	20.1	3943
11	From genomics to chemical genomics: new developments in KEGG. <i>Nucleic Acids Research</i> , 2006 , 34, D354-7	16.1	2267
10	Development of a chemical structure comparison method for integrated analysis of chemical and genomic information in the metabolic pathways. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11853-65	16.4	348
9	PathPred: an enzyme-catalyzed metabolic pathway prediction server. <i>Nucleic Acids Research</i> , 2010 , 38, W138-43	20.1	191
8	Computational assignment of the EC numbers for genomic-scale analysis of enzymatic reactions. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16487-98	16.4	108
7	Systematic analysis of enzyme-catalyzed reaction patterns and prediction of microbial biodegradation pathways. <i>Journal of Chemical Information and Modeling</i> , 2007 , 47, 1702-12	6.1	64
6	E-zyme: predicting potential EC numbers from the chemical transformation pattern of substrate-product pairs. <i>Bioinformatics</i> , 2009 , 25, i179-86	7.2	57
5	Extracting sequence motifs and the phylogenetic features of SNARE-dependent membrane traffic. <i>Traffic</i> , 2006 , 7, 1104-18	5.7	41
4	Reaction graph kernels predict EC numbers of unknown enzymatic reactions in plant secondary metabolism. <i>BMC Bioinformatics</i> , 2010 , 11 Suppl 1, S31	3.6	5
3	Chemoinformatics on Metabolic Pathways 986-1009		
2	Structure-activity relationships and pathway analysis of biological degradation processes. <i>Journal of Pesticide Sciences</i> , 2006 , 31, 273-281	2.7	
1	Chemoinformatics on Metabolic Pathways 2011 , 318-339		