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List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10802200/publications.pdf>

Version: 2024-02-01

9
papers

1,495
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

2468
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Creation and analysis of biochemical constraint-based models using the COBRA Toolbox v.3.0. <i>Nature Protocols</i> , 2019, 14, 639-702. | 12.0 | 833 |
| 2 | The Virtual Metabolic Human database: integrating human and gut microbiome metabolism with nutrition and disease. <i>Nucleic Acids Research</i> , 2019, 47, D614-D624. | 14.5 | 257 |
| 3 | Consistent Estimation of Gibbs Energy Using Component Contributions. <i>PLoS Computational Biology</i> , 2013, 9, e1003098. | 3.2 | 231 |
| 4 | Steady-State Metabolite Concentrations Reflect a Balance between Maximizing Enzyme Efficiency and Minimizing Total Metabolite Load. <i>PLoS ONE</i> , 2013, 8, e75370. | 2.5 | 67 |
| 5 | Modeling the effects of commonly used drugs on human metabolism. <i>FEBS Journal</i> , 2015, 282, 297-317. | 4.7 | 29 |
| 6 | Comparative evaluation of open source software for mapping between metabolite identifiers in metabolic network reconstructions: application to Recon 2. <i>Journal of Cheminformatics</i> , 2014, 6, 2. | 6.1 | 23 |
| 7 | Comparative evaluation of atom mapping algorithms for balanced metabolic reactions: application to Recon 3D. <i>Journal of Cheminformatics</i> , 2017, 9, 39. | 6.1 | 23 |
| 8 | Identification of Conserved Moieties in Metabolic Networks by Graph Theoretical Analysis of Atom Transition Networks. <i>PLoS Computational Biology</i> , 2016, 12, e1004999. | 3.2 | 21 |
| 9 | Structural conserved moiety splitting of a stoichiometric matrix. <i>Journal of Theoretical Biology</i> , 2020, 499, 110276. | 1.7 | 4 |