

Pr Bjelkmar

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.

15
papers

5,964
citations

11
h-index

18
g-index

18
ext. papers

6,966
ext. citations

3.8
avg, IF

5.18
L-index

#	Paper	IF	Citations
15	GROMACS 4.5: a high-throughput and highly parallel open source molecular simulation toolkit. <i>Bioinformatics</i> , 2013 , 29, 845-54	7.2	4786
14	Implementation of the CHARMM Force Field in GROMACS: Analysis of Protein Stability Effects from Correction Maps, Virtual Interaction Sites, and Water Models. <i>Journal of Chemical Theory and Computation</i> , 2010 , 6, 459-66	6.4	600
13	Membrane proteins diffuse as dynamic complexes with lipids. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7574-5	16.4	140
12	Tracking a complete voltage-sensor cycle with metal-ion bridges. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8552-7	11.5	109
11	Conformational changes and slow dynamics through microsecond polarized atomistic molecular simulation of an integral Kv1.2 ion channel. <i>PLoS Computational Biology</i> , 2009 , 5, e1000289	5	96
10	Increasing Outbreak Detection Power by Data Transformations. <i>Online Journal of Public Health Informatics</i> , 2014 , 6,	0.3	78
9	3Helix conformation facilitates the transition of a voltage sensor S4 segment toward the down state. <i>Biophysical Journal</i> , 2011 , 100, 1446-54	2.9	40
8	Syndromic surveillance for local outbreak detection and awareness: evaluating outbreak signals of acute gastroenteritis in telephone triage, web-based queries and over-the-counter pharmacy sales. <i>Epidemiology and Infection</i> , 2014 , 142, 303-13	4.3	39
7	Molecular dynamics simulation of the antiameobin ion channel: linking structure and conductance. <i>Biophysical Journal</i> , 2011 , 100, 2394-402	2.9	31
6	Early outbreak detection by linking health advice line calls to water distribution areas retrospectively demonstrated in a large waterborne outbreak of cryptosporidiosis in Sweden. <i>BMC Public Health</i> , 2017 , 17, 328	4.1	16
5	Syndromic surveillance of influenza activity in Sweden: an evaluation of three tools. <i>Epidemiology and Infection</i> , 2015 , 143, 2390-8	4.3	12
4	Two outbreaks of cryptosporidiosis associated with cattle spring pasture events. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018 , 14, 71-74	1.2	8
3	Protein evolutionary rates correlate with expression independently of synonymous substitutions in <i>Helicobacter pylori</i> . <i>Journal of Molecular Evolution</i> , 2006 , 62, 600-14	3.1	5
2	The use of anonymized and aggregated telecom mobility data by a public health agency during the COVID-19 pandemic: Learnings from both the operator and agency perspective. <i>Data & Policy</i> , 2021 , 3,	1	3
1	Investigating novel approaches to tick-borne encephalitis surveillance in Sweden, 2010-2017. <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101486	3.6	1