Neil Chue Hong

List of Publications by Year
in descending order

40 papers	1,453 citations	687363 13 h-index	642732 23 g-index
42 all docs	42 docs citations	42 times ranked	2675 citing authors

#	Article	IF	Citations
1	Best Practices for Scientific Computing. PLoS Biology, 2014, 12, e1001745.	5.6	427
2	The design and implementation of Grid database services in OGSA-DAI. Concurrency Computation Practice and Experience, 2005, 17, 357-376.	2.2	243
3	Software citation principles. PeerJ Computer Science, 0, 2, e86.	4.5	150
4	Towards FAIR principles forÂresearchÂsoftware. Data Science, 2020, 3, 37-59.	0.9	144
5	Four simple recommendations to encourage best practices in research software. F1000Research, 2017, 6, 876.	1.6	88
6	hapbin: An Efficient Program for Performing Haplotype-Based Scans for Positive Selection in Large Genomic Datasets: Fig. 1.. Molecular Biology and Evolution, 2015, 32, 3027-3029.	8.9	61
7	Introduction to OGSA-DAI Services. Lecture Notes in Computer Science, 2005, , 1-12.	1.3	56
8	The Software Sustainability Institute: Changing Research Software Attitudes and Practices. Computing in Science and Engineering, 2013, 15, 74-80.	1.2	55
9	The global impact of science gateways, virtual research environments and virtual laboratories. Future Generation Computer Systems, 2019, 95, 240-248.	7.5	36
10	The Four Pillars of Research Software Engineering. IEEE Software, 2021, 38, 97-105.	1.8	27
11	An Open Science Peer Review Oath. F1000Research, 2014, 3, 271.	1.6	25
12	Recognizing the value of software: a software citation guide. F1000Research, 2020, 9, 1257.	1.6	23
13	Community Organizations: Changing the Culture in Which Research Software Is Developed and Sustained. Computing in Science and Engineering, 2019, 21, 8-24.	1.2	22
14	The Open Science Peer Review Oath. F1000Research, 2014, 3, 271.	1.6	15
15	Top 10 metrics for life science software good practices. F1000Research, 2016, 5, 2000.	1.6	14
16	Distributed Data Management with OGSAâ€"DAI. , 2011, , 63-86.		10
17	Software Citation in Theory and Practice. Lecture Notes in Computer Science, 2018, , 289-296.	1.3	9
18	Fourth Workshop on Sustainable Software for Science: Practice and Experiences (WSSSPE4). Journal of Open Research Software, 2018, 6, 10.	5.9	9

#	Article	IF	Citations
19	The importance of software citation. F1000Research, 2020, 9, 1257.	1.6	8
20	RAPPORT: running scientific high-performance computing applications on the cloud. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120073.	3.4	6
21	Software in reproducible research. , 2014, , .		6
22	Accessing Data in Grids Using OGSA-DAI. , 2007, , 3-18.		3
23	Bringing the grid to the biomedical workbench. , 0, , .		2
24	Tracking community intelligence with Trac. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3372-3383.	3.4	2
25	The 4th International Workshop on Software Engineering for HPC in Computational Science and Engineering. Computing in Science and Engineering, 2017, 19, 91-95.	1.2	2
26	Grid Enabling Your Data Resources with OGSA-DAI. , 2006, , 799-808.		2
27	A Workshop Series for Grid/Repository Integration. D-Lib Magazine, 2009, 15, .	0.5	2
28	Why Good Software Sometimes Dies &#150; And How to Save It. , 2008, , .		1
29	Software Engineering for CSE. Scientific Programming, 2015, 2015, 1-2.	0.7	1
30	Building a Sustainable Structure for Research Software Engineering Activities. , 2018, , .		1
31	Software and Data Citation. Computing in Science and Engineering, 2020, 22, 4-7.	1.2	1
32	Addressing Research Software Sustainability via Institutes. , 2021, , .		1
33	Managing and Analysing Genomic Data Using HPC and Clouds. , 2011, , 261-277.		1
34	Data Pre-Processing Using OGSA-DAI. , 2009, , 247-261.		0
35	General chair's welcome message. , 2010, , .		0
36	Evaluating the suitability of mapreduce for surface temperature analysis codes. , 2011, , .		0

#	Article	IF	Citations
37	SE4HPCS'15: The 2015 International Workshop on Software Engineering for High Performance Computing in Science. , 2015, , .		0
38	To achieve the goals of e-Science, we must change research culture globally. Informatik-Spektrum, 2018, 41, 414-420.	1.3	0
39	Understanding Equity, Diversity and Inclusion Challenges Within the Research Software Community. Lecture Notes in Computer Science, 2021, , 390-403.	1.3	0
40	Introduction to the Data Intensive e-Science Workshop (DIEW) 2010. Lecture Notes in Computer Science, 2010, , 57-57.	1.3	0