Lonnie Welch

List of Publications by Year
in descending order

16 papers	503 citations	1040056 9 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	827 citing authors

#	Article	IF	Citations
1	Cell-type specialization is encoded by specific chromatin topologies. Nature, 2021, 599, 684-691.	27.8	112
2	Bioinformatics Curriculum Guidelines: Toward a Definition of Core Competencies. PLoS Computational Biology, 2014, 10, e1003496.	3.2	102
3	The development and application of bioinformatics core competencies to improve bioinformatics training and education. PLoS Computational Biology, 2018, 14, e1005772.	3.2	84
4	Prediction pipeline for discovery of regulatory motifs associated with Brugia malayiÂmolting. PLoS Neglected Tropical Diseases, 2020, 14, e0008275.	3.0	46
5	Sex chromosome evolution in parasitic nematodes of humans. Nature Communications, 2020, 11, 1964.	12.8	38
6	Resource Management Middleware for Dynamic, Dependable Real-Time Systems. Real-Time Systems, 2001, 20, 183-196.	1.3	25
7	Applying, Evaluating and Refining Bioinformatics Core Competencies (An Update from the Curriculum) Tj ETQq1 1 0.784314 rgBT /Ov	3.2	24
8	Glycated lysine-141 in haptoglobin improves the diagnostic accuracy for type 2 diabetes mellitus in combination with glycated hemoglobin HbA1c and fasting plasma glucose. Clinical Proteomics, 2017, 14, 10.	2.1	22
9	Diagnostic Accuracy of Protein Glycation Sites in Long-Term Controlled Patients with Type 2 Diabetes Mellitus and Their Prognostic Potential for Early Diagnosis. Pharmaceuticals, 2018, 11, 38.	3.8	14
10	Scalable parallel word search inÂmulticore/multiprocessor systems. Journal of Supercomputing, 2010, 51, 58-75.	3.6	9
11	Ten simple rules for forming a scientific professional society. PLoS Computational Biology, 2017, 13, e1005226.	3.2	7
12	Ten simple rules for designing learning experiences that involve enhancing computational biology Wikipedia articles. PLoS Computational Biology, 2020, 16, e1007868.	3.2	6
13	Differential gene expression identifies a transcriptional regulatory network involving ER-alpha and PITX1 in invasive epithelial ovarian cancer. BMC Cancer, 2021, 21, 768.	2.6	5
14	Set cover-based methods for motif selection. Bioinformatics, 2019, 36, 1044-1051.	4.1	2
15	The SiteSeeker Motif Discovery Tool. In Silico Biology, 2009, 9, 11-22.	0.9	1
16	Characterizing domain-specific open educational resources by linking ISCB Communities of Special Interest to Wikipedia. Bioinformatics, 2022, 38, i19-i27.	4.1	1