Susan Jones

List of Publications by Year in descending order

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60 papers	8,065 citations	126907 33 h-index	133252 59 g-index
62 all docs	62 docs citations	62 times ranked	8692 citing authors

#	Article	IF	Citations
1	CATH â€“ a hierarchic classification of protein domain structures. Structure, 1997, 5, 1093-1109.	3.3	2,347
2	Analysis of protein-protein interaction sites using surface patches 1 1Edited by G.Von Heijne. Journal of Molecular Biology, 1997, 272, 121-132.	4.2	584
3	Protein-protein interactions: A review of protein dimer structures. Progress in Biophysics and Molecular Biology, 1995, 63, 31-65.	2.9	507
4	Prediction of protein-protein interaction sites using patch analysis 1 1Edited by G. von Heijne. Journal of Molecular Biology, 1997, 272, 133-143.	4.2	411
5	Protein-DNA interactions: a structural analysis. Journal of Molecular Biology, 1999, 287, 877-896.	4.2	397
6	An overview of the basic helix-loop-helix proteins. Genome Biology, 2004, 5, 226.	9.6	382
7	Rapid Synaptic Plasticity of Glutamatergic Synapses on Dopamine Neurons in the Ventral Tegmental Area in Response to Acute Amphetamine Injection. Neuropsychopharmacology, 2004, 29, 2115-2125.	5.4	326
8	Synaptic plasticity and drug addiction. Current Opinion in Pharmacology, 2005, 5, 20-25.	3.5	214
9	Protein folds and functions. Structure, 1998, 6, 875-884.	3.3	207
10	Prevalence and significance of neurocognitive dysfunction in hepatitis C in the absence of correlated risk factors. Hepatology, 2005, 41, 801-808.	7.3	188
11	Using electrostatic potentials to predict DNA-binding sites on DNA-binding proteins. Nucleic Acids Research, 2003, 31, 7189-7198.	14.5	186
12	ProtorP: a proteinâ€“protein interaction analysis server. Bioinformatics, 2009, 25, 413-414.	4.1	176
13	Protein-RNA interactions: Structural analysis and functional classes. Proteins: Structure, Function and Bioinformatics, 2006, 66, 903-911.	2.6	162
14	Domain assignment for protein structures using a consensus approach: Characterization and analysis. Protein Science, 1998, 7, 233-242.	7.6	147
15	Protein domain interfaces: characterization and comparison with oligomeric protein interfaces. Protein Engineering, Design and Selection, 2000, 13, 77-82.	2.1	138
16	Searching for functional sites in protein structures. Current Opinion in Chemical Biology, 2004, 8, 3-7.	6.1	138
17	Pretreatment prediction of response to ursodeoxycholic acid in primary biliary cholangitis: development and validation of the UDCA Response Score. The Lancet Gastroenterology and Hepatology, 2018, 3, 626-634.	8.1	103
18	Analysis and prediction of carbohydrate binding sites. Protein Engineering, Design and Selection, 2000, 13, 89-98.	2.1	100

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19	Identifying DNA-binding proteins using structural motifs and the electrostatic potential. Nucleic Acids Research, 2004, 32, 4732-4741.	14.5	100
20	Food cravings and aversions during pregnancy: relationships with nausea and vomiting. Appetite, 2002, 38, 45-51.	3.7	91
21	Functional NR2B- and NR2D-containing NMDA receptor channels in rat substantia nigra dopaminergic neurones. Journal of Physiology, 2005, 569, 209-221.	2.9	90
22	Viral Diagnostics in Plants Using Next Generation Sequencing: Computational Analysis in Practice. Frontiers in Plant Science, 2017, 8, 1770.	3.6	83
23	Schizophrenia and functional polymorphisms in the MAOA and COMT genes: No evidence for association or epistasis. American Journal of Medical Genetics Part A, 2002, 114, 491-496.	2.4	71
24	SHARP2: protein-protein interaction predictions using patch analysis. Bioinformatics, 2006, 22, 1794-1795.	4.1	71
25	Crystallohydrodynamics for solving the hydration problem for multi-domain proteins: open physiological conformations for human IgG. Biophysical Chemistry, 2001, 93, 181-196.	2.8	65
26	PiRaNhA: a server for the computational prediction of RNA-binding residues in protein sequences. Nucleic Acids Research, 2010, 38, W412-W416.	14.5	58
27	Using structural motif templates to identify proteins with DNA binding function. Nucleic Acids Research, 2003, 31, 2811-2823.	14.5	57
28	COVOL: An Interactive Program for Evaluating Second Virial Coefficients from the Triaxial Shape or Dimensions of Rigid Macromolecules. Biophysical Journal, 1999, 76, 2432-2438.	0.5	53
29	Potato Mop-Top Virus Co-Opts the Stress Sensor HIPP26 for Long-Distance Movement. Plant Physiology, 2018, 176, 2052-2070.	4.8	49
30	Mapping neuronal inputs to Kiss1 neurons in the arcuate nucleus of the mouse. PLoS ONE, 2019, 14, e0213927.	2.5	47
31	What men really want: A qualitative investigation of men's health needs from the Halton and St Helens Primary Care Trust men's health promotion project. British Journal of Health Psychology, 2010, 15, 921-939.	3.5	43
32	Epigenetic Control of Viral Life-Cycle by a DNA-Methylation Dependent Transcription Factor. PLoS ONE, 2011, 6, e25922.	2.5	42
33	Impact of Ebola outbreak on reproductive health services in a rural district of Sierra Leone: a prospective observational study. BMJ Open, 2019, 9, e029093.	1.9	39
34	Evaluating conformational changes in protein structures binding RNA. Proteins: Structure, Function and Bioinformatics, 2008, 70, 1518-1526.	2.6	33
35	The cohesin complex: sequence homologies, interaction networks and shared motifs. Genome Biology, 2001, 2, research0009.1.	9.6	31
36	Novel Size-Independent Modeling of the Dilute Solution Conformation of the Immunoglobulin IgG Fabâ€² Domain Using SOLPRO and ELLIPS. Biophysical Journal, 1999, 77, 2902-2910.	0.5	29

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37	Geographical differences in maternal basking behaviour and offspring growth rate in a climatically widespread viviparous reptile. Journal of Experimental Biology, 2014, 217, 1175-9.	1.7	29
38	Classifying a Protein in the CATH Database of Domain Structures. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 1155-1167.	2.5	28
39	Determination of protein charge by capillary zone electrophoresis. Analytical Biochemistry, 2004, 333, 225-229.	2.4	28
40	Proteinâ€“RNA interactions: structural biology and computational modeling techniques. Biophysical Reviews, 2016, 8, 359-367.	3.2	23
41	DNA-binding protein prediction using plant specific support vector machines: validation and application of a new genome annotation tool. Nucleic Acids Research, 2015, 43, e158-e158.	14.5	20
42	New Tools and Resources for Analysing Protein Structures and Their Interactions. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 1132-1138.	2.5	19
43	Computational and Structural Characterisation of Protein Associations. Advances in Experimental Medicine and Biology, 2012, 747, 42-54.	1.6	18
44	Juxta-membrane S-acylation of plant receptor-like kinases is likely fortuitous and does not necessarily impact upon function. Scientific Reports, 2019, 9, 12818.	3.3	15
45	Comparison of Workplace Protection Factors for Different Biological Contaminants. Journal of Occupational and Environmental Hygiene, 2011, 8, 417-425.	1.0	14
46	Functional roles for redox genes in ethanol sensitivity in Drosophila. Functional and Integrative Genomics, 2012, 12, 305-315.	3.5	14
47	Decades after the cooperative study: A reâ€examination of systemic blood pressure in sickle cell disease. American Journal of Hematology, 2012, 87, E65-8.	4.1	13
48	RNA-binding residues in sequence space: Conservation and interaction patterns. Computational Biology and Chemistry, 2009, 33, 397-403.	2.3	10
49	Kodoja: A workflow for virus detection in plants using k-mer analysis of RNA-sequencing data. Journal of General Virology, 2019, 100, 533-542.	2.9	9
50	A Bipartite Geminivirus with a Highly Divergent Genomic Organization Identified in Olive Trees May Represent a Novel Evolutionary Direction in the Family Geminiviridae. Viruses, 2021, 13, 2035.	3.3	9
51	The Heat Shock Protein 26 Gene is Required for Ethanol Tolerance in Drosophila. Journal of Experimental Neuroscience, 2011, 5, JEN.S6280.	2.3	8
52	Addictive drugs modify excitatory synaptic control of midbrain dopamine cells. NeuroReport, 2002, 13, A29-A33.	1.2	7
53	Proteinâ€“DNA Interactions: The Story so Far and a New Method for Prediction. Comparative and Functional Genomics, 2003, 4, 428-431.	2.0	7
54	Evaluation of a Prediction Protocol to Identify Potential Targets of Epigenetic Reprogramming by the Cancer Associated Epstein Barr Virus. PLoS ONE, 2010, 5, e9443.	2.5	7

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55	Phenotypic variation between parentâ€“offspring trios and non-trios in genetic studies of schizophrenia. Journal of Psychiatric Research, 2006, 40, 622-626.	3.1	6
56	Functional Î±7â€containing nicotinic acetylcholine receptors localize to cell bodies and proximal dendrites in the rat substantia nigra pars reticulata. Journal of Physiology, 2008, 586, 1365-1378.	2.9	6
57	DNA entropy reveals a significant difference in complexity between housekeeping and tissue specific gene promoters. Computational Biology and Chemistry, 2015, 58, 19-24.	2.3	6
58	Multidimensional perfectionism and cortisol stress response in non-clinical populations: A systematic review and evaluation. Personality and Individual Differences, 2018, 124, 16-24.	2.9	3
59	Protein-DNA Interactions. Biochemical Society Transactions, 1999, 27, A88-A88.	3.4	1
60	Studying mountain glacier processes using a staring instrument. , 2014, , .		0