

Neil Fw Saunders

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,440
citations

377584

21
h-index

536525

29
g-index

29
all docs

29
docs citations

29
times ranked

4270
citing authors

#	ARTICLE	IF	CITATIONS
1	VariantSpark: population scale clustering of genotype information. BMC Genomics, 2015, 16, 1052.	1.2	24
2	A panel of genes methylated with high frequency in colorectal cancer. BMC Cancer, 2014, 14, 54.	1.1	138
3	Changing computational research. The challenges ahead. Source Code for Biology and Medicine, 2012, 7, 2.	1.7	8
4	Beyond marks: new tools to visualise student engagement via social networks. Research in Learning Technology, 2012, 20, .	2.3	17
5	Molecular basis for specificity of nuclear import and prediction of nuclear localization. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1562-1577.	1.9	336
6	Proteomic and Electron Microscopy Survey of Large Assemblies in Macrophage Cytoplasm. Molecular and Cellular Proteomics, 2011, 10, M111.008763.	2.5	5
7	Microblogging the ISMB: A New Approach to Conference Reporting. PLoS Computational Biology, 2009, 5, e1000263.	1.5	14
8	Predikin and PredikinDB: a computational framework for the prediction of protein kinase peptide specificity and an associated database of phosphorylation sites. BMC Bioinformatics, 2008, 9, 245.	1.2	62
9	The Predikin webservice: improved prediction of protein kinase peptide specificity using structural information. Nucleic Acids Research, 2008, 36, W286-W290.	6.5	31
10	Discovering Sequence Motifs with Arbitrary Insertions and Deletions. PLoS Computational Biology, 2008, 4, e1000071.	1.5	292
11	Fibroblast Growth Factor Receptor 2 Phosphorylation on Serine 779 Couples to 14-3-3 and Regulates Cell Survival and Proliferation. Molecular and Cellular Biology, 2008, 28, 3372-3385.	1.1	18
12	Analysis of the Pseudoalteromonas tunicata Genome Reveals Properties of a Surface-Associated Life Style in the Marine Environment. PLoS ONE, 2008, 3, e3252.	1.1	126
13	Improved Success of Sparse Matrix Protein Crystallization Screening with Heterogeneous Nucleating Agents. PLoS ONE, 2007, 2, e1091.	1.1	49
14	Proteomic and Computational Analysis of Secreted Proteins with Type I Signal Peptides from the Antarctic ArchaeonMethanococcoidesburtonii. Journal of Proteome Research, 2006, 5, 2457-2464.	1.8	33
15	Predicted Roles for Hypothetical Proteins in the Low-Temperature Expressed Proteome of the Antarctic ArchaeonMethanococcoidesburtonii. Journal of Proteome Research, 2005, 4, 464-472.	1.8	34
16	Cold Adaptation of the Antarctic Archaeon,Methanococcoides burtoniiAssessed by Proteomics Using ICAT. Journal of Proteome Research, 2005, 4, 473-480.	1.8	73
17	An online database for the detection of novel archaeal sequences in human ESTs. Bioinformatics, 2004, 20, 2361-2362.	1.8	1
18	A proteomic determination of cold adaptation in the Antarctic archaeon, Methanococcoides burtonii. Molecular Microbiology, 2004, 53, 309-321.	1.2	146

#	ARTICLE	IF	CITATIONS
19	Serpins in Unicellular Eukarya, Archaea, and Bacteria: Sequence Analysis and Evolution. <i>Journal of Molecular Evolution</i> , 2004, 59, 437-447.	0.8	53
20	Biology of the Cold Adapted Archaeon, <i>Methanococcoides burtonii</i> Determined by Proteomics Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2004, 3, 1164-1176.	1.8	77
21	Pathogenic archaea: do they exist?. <i>BioEssays</i> , 2003, 25, 1119-1128.	1.2	98
22	Mechanisms of Thermal Adaptation Revealed From the Genomes of the Antarctic Archaea <i>Methanogenium frigidum</i> and <i>Methanococcoides burtonii</i> . <i>Genome Research</i> , 2003, 13, 1580-1588.	2.4	246
23	The NosX and NirX Proteins of <i>Paracoccus denitrificans</i> Are Functional Homologues: Their Role in Maturation of Nitrous Oxide Reductase. <i>Journal of Bacteriology</i> , 2000, 182, 5211-5217.	1.0	39
24	Transcription regulation of the nir gene cluster encoding nitrite reductase of <i>Paracoccus denitrificans</i> involves NNR and Nir1, a novel type of membrane protein. <i>Molecular Microbiology</i> , 1999, 34, 24-36.	1.2	50
25	Structural Characterization of <i>Paracoccus denitrificans</i> Cytochrome c Peroxidase and Assignment of the Low and High Potential Heme Sites. <i>Biochemistry</i> , 1997, 36, 7958-7966.	1.2	32
26	Cytochrome cd 1 Structure: unusual haem environments in a nitrite reductase and analysis of factors contributing to \hat{I}^2 -propeller folds 1 1 Edited by K. Nagai. <i>Journal of Molecular Biology</i> , 1997, 269, 440-455.	2.0	117
27	Haem-ligand switching during catalysis in crystals of a nitrogen-cycle enzyme. <i>Nature</i> , 1997, 389, 406-412.	13.7	294
28	The cytochromesc-550 of <i>Paracoccus denitrificans</i> and <i>Thiosphaera pantotropha</i> : a need for re-evaluation of the history of <i>Paracoccus</i> cultures. <i>FEMS Microbiology Letters</i> , 1996, 137, 95-101.	0.7	25