

# Sean David Mooney

## List of Publications by Year in descending order

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147  
papers

9,221  
citations

71102

41  
h-index

49909

87  
g-index

166  
all docs

166  
docs citations

166  
times ranked

17627  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparison of Natural Language Processing Methods for the Classification of Lumbar Spine Imaging Findings Related to Lower Back Pain. <i>Academic Radiology</i> , 2022, 29, S188-S200.	2.5	5
2	A Participant-Centered Approach to Understanding Risks and Benefits of Participation in Research Informed by the Kidney Precision Medicine Project. <i>American Journal of Kidney Diseases</i> , 2022, 80, 132-138.	1.9	3
3	Integrated single-cell sequencing and histopathological analyses reveal diverse injury and repair responses in a participant with acute kidney injury: a clinical-molecular-pathologic correlation. <i>Kidney International</i> , 2022, 101, 1116-1125.	5.2	11
4	Patient perspectives and involvement in precision medicine research. <i>Kidney International</i> , 2021, 99, 511-514.	5.2	5
5	Information needs and priority use cases of population health researchers to improve preparedness for future hurricanes and floods. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 249-260.	4.4	6
6	Rationale and design of the Kidney Precision Medicine Project. <i>Kidney International</i> , 2021, 99, 498-510.	5.2	94
7	Research informatics and the COVID-19 pandemic: Challenges, innovations, lessons learned, and recommendations. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e110.	0.6	11
8	ShareDNA: a smartphone app to facilitate family communication of genetic results. <i>BMC Medical Genomics</i> , 2021, 14, 10.	1.5	4
9	Forecasting Future Asthma Hospital Encounters of Patients With Asthma in an Academic Health Care System: Predictive Model Development and Secondary Analysis Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e22796.	4.3	18
10	Development and Validation of ARC, a Model for Anticipating Acute Respiratory Failure in Coronavirus Disease 2019 Patients. , 2021, 3, e0441.		3
11	SARS-CoV-2 infection and COVID-19 severity in individuals with prior seasonal coronavirus infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115338.	1.8	25
12	Considering the possibilities and pitfalls of Generative Pre-trained Transformer 3 (GPT-3) in healthcare delivery. <i>Npj Digital Medicine</i> , 2021, 4, 93.	10.9	113
13	Data science in clinical and translational research: Improving the health of the data to knowledge pipeline. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e77.	0.6	3
14	Harnessing Innovative Technologies to Train Nurses in Suicide Safety Planning With Hospitalized Patients: Protocol for Formative and Pilot Feasibility Research. <i>JMIR Research Protocols</i> , 2021, 10, e33695.	1.0	2
15	A Continuously Benchmarked and Crowdsourced Challenge for Rapid Development and Evaluation of Models to Predict COVID-19 Diagnosis and Hospitalization. <i>JAMA Network Open</i> , 2021, 4, e2124946.	5.9	8
16	Unbiased identification of novel transcription factors in striatal compartmentation and striosome maturation. <i>ELife</i> , 2021, 10, .	6.0	9
17	From the clinic to the community: Can health system data accurately estimate population obesity prevalence?. <i>Obesity</i> , 2021, 29, 1961-1968.	3.0	2
18	Leaf: an open-source, model-agnostic, data-driven web application for cohort discovery and translational biomedical research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 109-118.	4.4	35

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19	Inferring the molecular and phenotypic impact of amino acid variants with MutPred2. <i>Nature Communications</i> , 2020, 11, 5918.	12.8	305
20	The role of exome sequencing in newborn screening for inborn errors of metabolism. <i>Nature Medicine</i> , 2020, 26, 1392-1397.	30.7	112
21	Modelling kidney disease using ontology: insights from the Kidney Precision Medicine Project. <i>Nature Reviews Nephrology</i> , 2020, 16, 686-696.	9.6	45
22	Piloting a model-to-data approach to enable predictive analytics in health care through patient mortality prediction. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1393-1400.	4.4	6
23	A predictive tool for identification of SARS-CoV-2 PCR-negative emergency department patients using routine test results. <i>Journal of Clinical Virology</i> , 2020, 129, 104502.	3.1	45
24	Indicators of retention in remote digital health studies: a cross-study evaluation of 100,000 participants. <i>Npj Digital Medicine</i> , 2020, 3, 21.	10.9	238
25	Evaluation of the secondary use of electronic health records to detect seasonal, holiday-related, and rare events related to traumatic injury and poisoning. <i>BMC Public Health</i> , 2020, 20, 46.	2.9	3
26	Establishing the reliability of algorithms. , 2020, , .		0
27	The accuracy of passive phone sensors in predicting daily mood. <i>Depression and Anxiety</i> , 2019, 36, 72-81.	4.1	80
28	CAGI SickKids challenges: Assessment of phenotype and variant predictions derived from clinical and genomic data of children with undiagnosed diseases. <i>Human Mutation</i> , 2019, 40, 1373-1391.	2.5	10
29	Assessment of blind predictions of the clinical significance of <i>BRCA1</i> and <i>BRCA2</i> variants. <i>Human Mutation</i> , 2019, 40, 1546-1556.	2.5	19
30	Assessing computational predictions of the phenotypic effect of cystathionine- $\beta$ -synthase variants. <i>Human Mutation</i> , 2019, 40, 1530-1545.	2.5	5
31	Assessment of predicted enzymatic activity of $\pm$ <i>N</i> -acetylglucosaminidase variants of unknown significance for CAGI 2016. <i>Human Mutation</i> , 2019, 40, 1519-1529.	2.5	10
32	SILAC Analysis Reveals Increased Secretion of Hemostasis-Related Factors by Senescent Cells. <i>Cell Reports</i> , 2019, 28, 3329-3337.e5.	6.4	94
33	Assessing the performance of in silico methods for predicting the pathogenicity of variants in the gene CHEK2, among Hispanic females with breast cancer. <i>Human Mutation</i> , 2019, 40, 1612-1622.	2.5	8
34	Predicting venous thromboembolism risk from exomes in the Critical Assessment of Genome Interpretation (CAGI) challenges. <i>Human Mutation</i> , 2019, 40, 1314-1320.	2.5	10
35	Continuing challenges swirl around bioinformatics service delivery. <i>Journal of Biomedical Informatics</i> , 2019, 94, 103209.	4.3	0
36	Pathogenicity and functional impact of non-frameshifting insertion/deletion variation in the human genome. <i>PLoS Computational Biology</i> , 2019, 15, e1007112.	3.2	34

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37	Automated retrieval, preprocessing, and visualization of gridded hydrometeorology data products for spatial-temporal exploratory analysis and intercomparison. <i>Environmental Modelling and Software</i> , 2019, 116, 119-130.	4.5	8
38	The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens. <i>Genome Biology</i> , 2019, 20, 244.	8.8	261
39	Tau/MAPT disease-associated variant A152T alters tau function and toxicity via impaired retrograde axonal transport. <i>Human Molecular Genetics</i> , 2019, 28, 1498-1514.	2.9	26
40	New <i>Drosophila</i> Long-Term Memory Genes Revealed by Assessing Computational Function Prediction Methods. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 251-267.	1.8	15
41	Smartphone-based passive assessment of mobility in depression: Challenges and opportunities. <i>Mental Health and Physical Activity</i> , 2018, 14, 136-139.	1.8	19
42	Uncovering exposures responsible for birth season disease effects: a global study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 275-288.	4.4	33
43	Biological and functional relevance of CASP predictions. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 374-386.	2.6	12
44	Target site specificity and in vivo complexity of the mammalian arginylome. <i>Scientific Reports</i> , 2018, 8, 16177.	3.3	25
45	Using Mobile Apps to Assess and Treat Depression in Hispanic and Latino Populations: Fully Remote Randomized Clinical Trial. <i>Journal of Medical Internet Research</i> , 2018, 20, e10130.	4.3	82
46	Newborn Sequencing in Genomic Medicine and Public Health. <i>Pediatrics</i> , 2017, 139, .	2.1	174
47	Non-Coding Variation: The 2016 Annual Scientific Meeting of the Human Genome Variation Society. <i>Human Mutation</i> , 2017, 38, 460-463.	2.5	1
48	Missense variant pathogenicity predictors generalize well across a range of function-specific prediction challenges. <i>Human Mutation</i> , 2017, 38, 1092-1108.	2.5	39
49	Working toward precision medicine: Predicting phenotypes from exomes in the Critical Assessment of Genome Interpretation (CAGI) challenges. <i>Human Mutation</i> , 2017, 38, 1182-1192.	2.5	39
50	Matching phenotypes to whole genomes: Lessons learned from four iterations of the personal genome project community challenges. <i>Human Mutation</i> , 2017, 38, 1266-1276.	2.5	14
51	The feasibility of using smartphones to assess and remediate depression in Hispanic/Latino individuals nationally. , 2017, , .		10
52	When loss-of-function is loss of function: assessing mutational signatures and impact of loss-of-function genetic variants. <i>Bioinformatics</i> , 2017, 33, i389-i398.	4.1	53
53	Mapping genetic variations to three-dimensional protein structures to enhance variant interpretation: a proposed framework. <i>Genome Medicine</i> , 2017, 9, 113.	8.2	47
54	Automating Construction of Machine Learning Models With Clinical Big Data: Proposal Rationale and Methods. <i>JMIR Research Protocols</i> , 2017, 6, e175.	1.0	38

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55	USE OF GENOME DATA IN NEWBORNS AS A STARTING POINT FOR LIFE-LONG PRECISION MEDICINE. , 2016, , .		1
56	A genome-wide screen of bacterial mutants that enhance dauer formation in <i>C. elegans</i> . <i>Scientific Reports</i> , 2016, 6, 38764.	3.3	18
57	CADD score has limited clinical validity for the identification of pathogenic variants in noncoding regions in a hereditary cancer panel. <i>Genetics in Medicine</i> , 2016, 18, 1269-1275.	2.4	45
58	Clinical Sequencing Exploratory Research Consortium: Accelerating Evidence-Based Practice of Genomic Medicine. <i>American Journal of Human Genetics</i> , 2016, 98, 1051-1066.	6.2	137
59	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. <i>Genome Biology</i> , 2016, 17, 184.	8.8	308
60	PRECISION MEDICINE: DATA AND DISCOVERY FOR IMPROVED HEALTH AND THERAPY. , 2016, , .		2
61	Regulatory Single-Nucleotide Variant Predictor Increases Predictive Performance of Functional Regulatory Variants. <i>Human Mutation</i> , 2016, 37, 1137-1143.	2.5	13
62	Clinical relevance of short-chain acyl-CoA dehydrogenase (SCAD) deficiency: Exploring the role of new variants including the first SCAD-disease-causing allele carrying a synonymous mutation. <i>BBA Clinical</i> , 2016, 5, 114-119.	4.1	27
63	High-performance web services for querying gene and variant annotation. <i>Genome Biology</i> , 2016, 17, 91.	8.8	166
64	The Loss and Gain of Functional Amino Acid Residues Is a Common Mechanism Causing Human Inherited Disease. <i>PLoS Computational Biology</i> , 2016, 12, e1005091.	3.2	16
65	Derivation, Characterization, and Neural Differentiation of Integration-Free Induced Pluripotent Stem Cell Lines from Parkinson's Disease Patients Carrying SNCA, LRRK2, PARK2, and GBA Mutations. <i>PLoS ONE</i> , 2016, 11, e0154890.	2.5	29
66	PRECISION MEDICINE: DATA AND DISCOVERY FOR IMPROVED HEALTH AND THERAPY. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2016, 21, 243-8.	0.7	4
67	Genomic Analysis Reveals Disruption of Striatal Neuronal Development and Therapeutic Targets in Human Huntington's Disease Neural Stem Cells. <i>Stem Cell Reports</i> , 2015, 5, 1023-1038.	4.8	117
68	Ten Simple Rules for a Community Computational Challenge. <i>PLoS Computational Biology</i> , 2015, 11, e1004150.	3.2	9
69	Biotinidase deficiency due to a de novo mutation or gonadal mosaicism in a first child. <i>Clinica Chimica Acta</i> , 2015, 445, 70-72.	1.1	4
70	Progress towards the integration of pharmacogenomics in practice. <i>Human Genetics</i> , 2015, 134, 459-465.	3.8	34
71	Optimizing the Molecular Diagnosis of GALNS: Novel Methods to Define and Characterize Morquio-A Syndrome-Associated Mutations. <i>Human Mutation</i> , 2015, 36, 357-368.	2.5	26
72	Mitochondrial DNA Sequence Variation Associated With Peripheral Nerve Function in the Elderly. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1400-1408.	3.6	7

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73	Morquio <sc>A</sc> Syndrome-associated Mutations: A Review of Alterations in the <i>GALNS</i> Gene and a New Locus-specific Database. <i>Human Mutation</i> , 2014, 35, 1271-1279.	2.5	59
74	A Probabilistic Model to Predict Clinical Phenotypic Traits from Genome Sequencing. <i>PLoS Computational Biology</i> , 2014, 10, e1003825.	3.2	10
75	Genome-wide <sc>DNA</sc> methylation changes with age in disease-free human skeletal muscle. <i>Aging Cell</i> , 2014, 13, 360-366.	6.7	145
76	MutPred Splice: machine learning-based prediction of exonic variants that disrupt splicing. <i>Genome Biology</i> , 2014, 15, R19.	9.6	135
77	A Large Scale Huntingtin Protein Interaction Network Implicates Rho GTPase Signaling Pathways in Huntington Disease. <i>Journal of Biological Chemistry</i> , 2014, 289, 6709-6726.	3.4	83
78	Toward More Transparent and Reproducible Omics Studies Through a Common Metadata Checklist and Data Publications. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 10-14.	2.0	54
79	Sudden unexpected fatal encephalopathy in adults with OTC gene mutations-Clues for early diagnosis and timely treatment. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 105.	2.7	28
80	In silico comparative characterization of pharmacogenomic missense variants. <i>BMC Genomics</i> , 2014, 15, S4.	2.8	11
81	Intrinsic size parameters for palmitoylated and carboxyamidomethylated peptides. <i>International Journal of Mass Spectrometry</i> , 2014, 368, 6-14.	1.5	13
82	The structural and functional signatures of proteins that undergo multiple events of post-translational modification. <i>Protein Science</i> , 2014, 23, 1077-1093.	7.6	287
83	STOP using just GO: a multi-ontology hypothesis generation tool for high throughput experimentation. <i>BMC Bioinformatics</i> , 2013, 14, 53.	2.6	17
84	Analysis of Features from Protein-protein Hetero-complex Structures to Predict Protein Interaction Interfaces Using Machine Learning. <i>Procedia Technology</i> , 2013, 10, 62-66.	1.1	3
85	Calibration of Multiple In Silico Tools for Predicting Pathogenicity of Mismatch Repair Gene Missense Substitutions. <i>Human Mutation</i> , 2013, 34, 255-265.	2.5	80
86	A large-scale evaluation of computational protein function prediction. <i>Nature Methods</i> , 2013, 10, 221-227.	19.0	789
87	Late-life rapamycin treatment reverses age-related heart dysfunction. <i>Aging Cell</i> , 2013, 12, 851-862.	6.7	258
88	Label-free quantitative proteomics of the lysine acetylome in mitochondria identifies substrates of SIRT3 in metabolic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6601-6606.	7.1	414
89	Extending the coverage of spectral libraries: A neighbor-based approach to predicting intensities of peptide fragmentation spectra. <i>Proteomics</i> , 2013, 13, 756-765.	2.2	9
90	Toward More Transparent and Reproducible Omics Studies Through a Common Metadata Checklist and Data Publications. <i>Big Data</i> , 2013, 1, 196-201.	3.4	5

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91	Medium-Chain Acyl-CoA Deficiency: Outlines from Newborn Screening, <i>In Silico</i> Predictions, and Molecular Studies. <i>Scientific World Journal</i> , The, 2013, 2013, 1-8.	2.1	5
92	A Genome-Scale RNA Interference Screen Identifies RRAS Signaling as a Pathologic Feature of Huntington's Disease. <i>PLoS Genetics</i> , 2012, 8, e1003042.	3.5	41
93	Tor1 regulates protein solubility in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2012, 23, 4679-4688.	2.1	26
94	Mitochondrial DNA Sequence Variation Associated with Dementia and Cognitive Function in the Elderly. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 357-372.	2.6	37
95	Comparative protein interactomics of neuroglobin and myoglobin. <i>Journal of Neurochemistry</i> , 2012, 123, 192-198.	3.9	11
96	DEFOG: discrete enrichment of functionally organized genes. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 795.	1.3	3
97	Genetic Correction of Huntington's Disease Phenotypes in Induced Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2012, 11, 253-263.	11.1	336
98	Functional organization and its implication in evolution of the human protein-protein interaction network. <i>BMC Genomics</i> , 2012, 13, 150.	2.8	9
99	Collaborative software for traditional and translational research. <i>Human Genomics</i> , 2012, 6, 21.	2.9	4
100	An Excess of Deleterious Variants in VEGF-A Pathway Genes in Down-Syndrome-Associated Atrioventricular Septal Defects. <i>American Journal of Human Genetics</i> , 2012, 91, 646-659.	6.2	99
101	Mitochondrial DNA sequence variation is associated with free-living activity energy expenditure in the elderly. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1691-1700.	1.0	13
102	Proteomic analysis of age-dependent changes in protein solubility identifies genes that modulate lifespan. <i>Aging Cell</i> , 2012, 11, 120-127.	6.7	155
103	Analysis of protein function and its prediction from amino acid sequence. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 2086-2096.	2.6	124
104	Prediction of functional regulatory SNPs in monogenic and complex disease. <i>Human Mutation</i> , 2011, 32, 1183-1190.	2.5	21
105	Identifying viral integration sites using SeqMap 2.0. <i>Bioinformatics</i> , 2011, 27, 720-722.	4.1	33
106	Structure-based kernels for the prediction of catalytic residues and their involvement in human inherited disease. <i>BMC Bioinformatics</i> , 2010, 11, .	2.6	6
107	In silico functional profiling of human disease-associated and polymorphic amino acid substitutions. <i>Human Mutation</i> , 2010, 31, 335-346.	2.5	57
108	Structure-based kernels for the prediction of catalytic residues and their involvement in human inherited disease. <i>Bioinformatics</i> , 2010, 26, 1975-1982.	4.1	15

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109	Bioinformatic Tools for Identifying Disease Gene and SNP Candidates. <i>Methods in Molecular Biology</i> , 2010, 628, 307-319.	0.9	55
110	An ontology-neutral framework for enrichment analysis. <i>AMIA ... Annual Symposium proceedings</i> , 2010, 2010, 797-801.	0.2	13
111	Splicing factor SFRS1 recognizes a functionally diverse landscape of RNA transcripts. <i>Genome Research</i> , 2009, 19, 381-394.	5.5	284
112	Influence of Sequence Changes and Environment on Intrinsically Disordered Proteins. <i>PLoS Computational Biology</i> , 2009, 5, e1000497.	3.2	47
113	LOSS OF POST-TRANSLATIONAL MODIFICATION SITES IN DISEASE. , 2009, , 337-347.		56
114	Automated inference of molecular mechanisms of disease from amino acid substitutions. <i>Bioinformatics</i> , 2009, 25, 2744-2750.	4.1	691
115	Connecting Protein Interaction Data, Mutations, and Disease Using Bioinformatics. <i>Methods in Molecular Biology</i> , 2009, 541, 449-461.	0.9	11
116	Evaluation of resequencing on number of tag SNPs of 13 atherosclerosis-related genes in Thai population. <i>Journal of Human Genetics</i> , 2008, 53, 74-86.	2.3	9
117	An integrated approach to inferring gene-disease associations in humans. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 72, 1030-1037.	2.6	153
118	Using RNase sequence specificity to refine the identification of RNA-protein binding regions. <i>BMC Genomics</i> , 2008, 9, S17.	2.8	12
119	High-resolution melting curve analysis for genotyping of common SNP in MTHFR gene using fixed-cell suspension. <i>Molecular and Cellular Probes</i> , 2008, 22, 329-332.	2.1	9
120	Gain and loss of phosphorylation sites in human cancer. <i>Bioinformatics</i> , 2008, 24, i241-i247.	4.1	94
121	Comparative Study of Particle Swarm Approaches for the Prediction of Functionally Important Residues in Protein Structures. , 2008, , .		0
122	Overnight transduction with foamyviral vectors restores the long-term repopulating activity of Fancc <sup>Δ</sup> /Δ stem cells. <i>Blood</i> , 2008, 112, 4458-4465.	1.4	30
123	Predicting Protein-Disease Relationships Using Sequence, Physicochemical Properties, and Molecular Function Information. <i>Nature Precedings</i> , 2008, , .	0.1	0
124	MutDB: update on development of tools for the biochemical analysis of genetic variation. <i>Nucleic Acids Research</i> , 2007, 36, D815-D819.	14.5	34
125	Genetic nondiscrimination legislation: a critical prerequisite for pharmacogenomics data sharing. <i>Pharmacogenomics</i> , 2007, 8, 519-519.	1.3	9
126	Extensible open source content management systems and frameworks: a solution for many needs of a bioinformatics group. <i>Briefings in Bioinformatics</i> , 2007, 9, 69-74.	6.5	20



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127	Identification of similar regions of protein structures using integrated sequence and structure analysis tools. <i>BMC Structural Biology</i> , 2006, 6, 4.	2.3	21
128	Evaluation of features for catalytic residue prediction in novel folds. <i>Protein Science</i> , 2006, 16, 216-226.	7.6	61
129	Biased Engraftment of Retrovirus-Transduced Marrow in Murine X-CGD Following Submyeloablative Conditioning.. <i>Blood</i> , 2006, 108, 3285-3285.	1.4	0
130	Structural characterization of proteins using residue environments. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 61, 741-747.	2.6	24
131	A Novel Recessive Mutation in Fibroblast Growth Factor-23 Causes Familial Tumoral Calcinosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2424-2427.	3.6	205
132	Fibroblast Growth Factor-23 Mutants Causing Familial Tumoral Calcinosis Are Differentially Processed. <i>Endocrinology</i> , 2005, 146, 3883-3891.	2.8	119
133	MutDB services: interactive structural analysis of mutation data. <i>Nucleic Acids Research</i> , 2005, 33, W311-W314.	14.5	48
134	Bioinformatics approaches and resources for single nucleotide polymorphism functional analysis. <i>Briefings in Bioinformatics</i> , 2005, 6, 44-56.	6.5	146
135	Reconstitution of Neutrophil NADPH Oxidase Activity in Murine X-CGD Following Transplantation of Retrovirus-Transduced Marrow: Potential Impact of Submyeloablative Conditioning.. <i>Blood</i> , 2005, 106, 3050-3050.	1.4	0
136	Session Introduction. , 2004, , .		0
137	Nitric-oxide Synthase (NOS) Reductase Domain Models Suggest a New Control Element in Endothelial NOS That Attenuates Calmodulin-dependent Activity. <i>Journal of Biological Chemistry</i> , 2003, 278, 31814-31824.	3.4	50
138	A functional analysis of disease-associated mutations in the androgen receptor gene. <i>Nucleic Acids Research</i> , 2003, 31, 42e-42.	14.5	20
139	MutDB: annotating human variation with functionally relevant data. <i>Bioinformatics</i> , 2003, 19, 1858-1860.	4.1	40
140	Analysis of Mutations in the COL1A1 Gene with Second-Order Rule Induction. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2003, 17, 721-740.	1.2	3
141	Structural Models of Osteogenesis Imperfecta-associated Variants in the COL1A1 Gene. <i>Molecular and Cellular Proteomics</i> , 2002, 1, 868-875.	3.8	19
142	The functional importance of disease-associated mutation. <i>BMC Bioinformatics</i> , 2002, 3, 24.	2.6	43
143	Conformational preferences of substituted prolines in the collagen triple helix. <i>Biopolymers</i> , 2002, 64, 63-71.	2.4	49
144	Conformational preferences of substituted prolines in the collagen triple helix. <i>Biopolymers</i> , 2002, 64, 63-71.	2.4	1

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145	Session Introduction. , 2002, , .		0
146	Computed Free energy differences between point mutations in a collagen-like peptide. Biopolymers, 2001, 58, 347-353.	2.4	39
147	Bioinformatics Approaches to the Functional Profiling of Genetic Variants. , 0, , .		0