## Robert Rentzsch

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	DeePaC: predicting pathogenic potential of novel DNA with reverse-complement neural networks. Bioinformatics, 2020, 36, 81-89.	4.1	40
2	Predicting bacterial virulence factors – evaluation of machine learning and negative data strategies. Briefings in Bioinformatics, 2020, 21, 1596-1608.	6.5	14
3	PaPrBaG: A machine learning approach for the detection of novel pathogens from NGS data. Scientific Reports, 2017, 7, 39194.	3.3	51
4	Docking small peptides remains a great challenge: an assessment using AutoDock Vina. Briefings in Bioinformatics, 2015, 16, 1045-1056.	6.5	112
5	Gene3D: Multi-domain annotations for protein sequence and comparative genome analysis. Nucleic Acids Research, 2014, 42, D240-D245.	14.5	50
6	Protein function prediction using domain families. BMC Bioinformatics, 2013, 14, S5.	2.6	77
7	A large-scale evaluation of computational protein function prediction. Nature Methods, 2013, 10, 221-227.	19.0	789
8	Gene3D: a domain-based resource for comparative genomics, functional annotation and protein network analysis. Nucleic Acids Research, 2012, 40, D465-D471.	14.5	98
9	New functional families (FunFams) in CATH to improve the mapping of conserved functional sites to 3D structures. Nucleic Acids Research, 2012, 41, D490-D498.	14.5	188
10	Extending CATH: increasing coverage of the protein structure universe and linking structure with function. Nucleic Acids Research, 2011, 39, D420-D426.	14.5	126
11	GeMMA: functional subfamily classification within superfamilies of predicted protein structural domains. Nucleic Acids Research, 2010, 38, 720-737.	14.5	65
12	Protein function prediction $\hat{a} \in $ the power of multiplicity. Trends in Biotechnology, 2009, 27, 210-219.	9.3	106
13	Domain-Based and Family-Specific Sequence Identity Thresholds Increase the Levels of Reliable Protein Function Transfer. Journal of Molecular Biology, 2009, 387, 416-430.	4.2	98
14	After-school programmes. Nature, 2006, 440, 122-123.	27.8	0
15	Bird flu here to stay?. Nature, O, , .	27.8	0
16	Bad blood. Nature, 0, , .	27.8	0