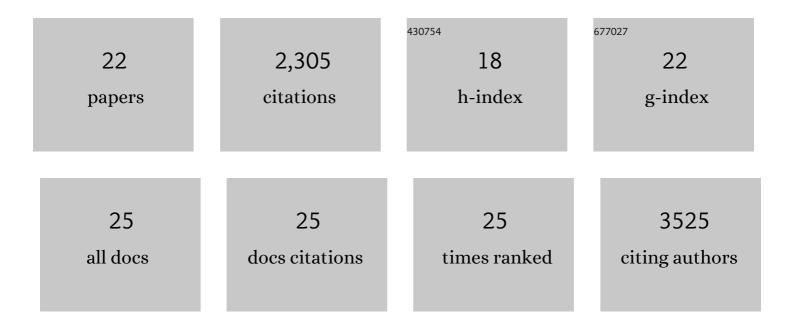
Alex Gutteridge

List of Publications by Year in descending order

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ALEY CUTTEDIDCE

#	Article	IF	CITATIONS
1	Network and pathway expansion of genetic disease associations identifies successful drug targets. Scientific Reports, 2020, 10, 20970.	1.6	10
2	Benchmarking network propagation methods for disease gene identification. PLoS Computational Biology, 2019, 15, e1007276.	1.5	30
3	Directing Differentiation of Pluripotent Stem Cells Toward Retinal Pigment Epithelium Lineage. Stem Cells Translational Medicine, 2017, 6, 490-501.	1.6	43
4	Interpreting transcriptional changes using causal graphs: new methods and their practical utility on public networks. BMC Bioinformatics, 2016, 17, 318.	1.2	28
5	Targeting the cAMP and Transforming Growth Factor-Î ² Pathway Increases Proliferation to Promote Re-Epithelialization of Human Stem Cell-Derived Retinal Pigment Epithelium. Stem Cells Translational Medicine, 2016, 5, 925-937.	1.6	14
6	Pharmacological reversal of a pain phenotype in iPSC-derived sensory neurons and patients with inherited erythromelalgia. Science Translational Medicine, 2016, 8, 335ra56.	5.8	154
7	Characterizing Human Stem Cell–derived Sensory Neurons at the Single-cell Level Reveals Their Ion Channel Expression and Utility in Pain Research. Molecular Therapy, 2014, 22, 1530-1543.	3.7	127
8	Molecular causes of transcriptional response: a Bayesian prior knowledge approach. Bioinformatics, 2013, 29, 3167-3173.	1.8	15
9	Novel Pancreatic Endocrine Maturation Pathways Identified by Genomic Profiling and Causal Reasoning. PLoS ONE, 2013, 8, e56024.	1.1	14
10	Directing Differentiation of Human Embryonic Stem Cells Toward Anterior Neural Ectoderm Using Small Molecules. Stem Cells, 2012, 30, 1875-1884.	1.4	61
11	The genetic control of growth rate: a systems biology study in yeast. BMC Systems Biology, 2012, 6, 4.	3.0	49
12	Functional Expression of Parasite Drug Targets and Their Human Orthologs in Yeast. PLoS Neglected Tropical Diseases, 2011, 5, e1320.	1.3	29
13	The DBCLS BioHackathon: standardization and interoperability for bioinformatics web services and workflows. Journal of Biomedical Semantics, 2010, 1, 8.	0.9	31
14	Nutrient control of eukaryote cell growth: a systems biology study in yeast. BMC Biology, 2010, 8, 68.	1.7	89
15	Prediction of drug–target interaction networks from the integration of chemical and genomic spaces. Bioinformatics, 2008, 24, i232-i240.	1.8	864
16	Regulation of metabolic networks by small molecule metabolites. BMC Bioinformatics, 2007, 8, 88.	1.2	23
17	MIMOX: a web tool for phage display based epitope mapping. BMC Bioinformatics, 2006, 7, 451.	1.2	82
18	Understanding nature's catalytic toolkit. Trends in Biochemical Sciences, 2005, 30, 622-629.	3.7	177

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#	Article	IF	CITATIONS
19	Effective function annotation through catalytic residue conservation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12299-12304.	3.3	55
20	Conformational Changes Observed in Enzyme Crystal Structures upon Substrate Binding. Journal of Molecular Biology, 2005, 346, 21-28.	2.0	153
21	Conformational change in substrate binding, catalysis and product release: an open and shut case?. FEBS Letters, 2004, 567, 67-73.	1.3	86
22	Using A Neural Network and Spatial Clustering to Predict the Location of Active Sites in Enzymes. Journal of Molecular Biology, 2003, 330, 719-734.	2.0	167