

Robert Nicol

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

15,789
citations

471061

17
h-index

713013

21
g-index

22
all docs

22
docs citations

22
times ranked

26596
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Throughput Regulatory Part Prototyping and Analysis by Cell-Free Protein Synthesis and Droplet Microfluidics. <i>ACS Synthetic Biology</i> , 2022, 11, 2108-2120.	1.9	6
2	Increasing cell-free gene expression yields from linear templates in <i>Escherichia coli</i> and <i>Vibrio natriegens</i> extracts by using DNA-binding proteins. <i>Biotechnology and Bioengineering</i> , 2020, 117, 3849-3857.	1.7	21
3	Registry in a tube: multiplexed pools of retrievable parts for genetic design space exploration. <i>Nucleic Acids Research</i> , 2017, 45, gkw1226.	6.5	37
4	Functional optimization of gene clusters by combinatorial design and assembly. <i>Nature Biotechnology</i> , 2014, 32, 1241-1249.	9.4	307
5	Staphylococcal Enterotoxin P Predicts Bacteremia in Hospitalized Patients Colonized With Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2014, 209, 571-577.	1.9	30
6	The genomic basis of adaptive evolution in threespine sticklebacks. <i>Nature</i> , 2012, 484, 55-61.	13.7	1,600
7	A scalable, fully automated process for construction of sequence-ready human exome targeted capture libraries. <i>Genome Biology</i> , 2011, 12, R1.	13.9	547
8	A high-resolution map of human evolutionary constraint using 29 mammals. <i>Nature</i> , 2011, 478, 476-482.	13.7	1,016
9	High-quality draft assemblies of mammalian genomes from massively parallel sequence data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1513-1518.	3.3	1,476
10	A scalable, fully automated process for construction of sequence-ready barcoded libraries for 454. <i>Genome Biology</i> , 2010, 11, R15.	13.9	89
11	DNA sequence and analysis of human chromosome 8. <i>Nature</i> , 2006, 439, 331-335.	13.7	115
12	Analysis of the DNA sequence and duplication history of human chromosome 15. <i>Nature</i> , 2006, 440, 671-675.	13.7	67
13	Human chromosome 11 DNA sequence and analysis including novel gene identification. <i>Nature</i> , 2006, 440, 497-500.	13.7	74
14	DNA sequence of human chromosome 17 and analysis of rearrangement in the human lineage. <i>Nature</i> , 2006, 440, 1045-1049.	13.7	130
15	The genome sequence of the rice blast fungus <i>Magnaporthe grisea</i> . <i>Nature</i> , 2005, 434, 980-986.	13.7	1,447
16	DNA sequence and analysis of human chromosome 18. <i>Nature</i> , 2005, 437, 551-555.	13.7	53
17	Genome sequence, comparative analysis and haplotype structure of the domestic dog. <i>Nature</i> , 2005, 438, 803-819.	13.7	2,215
18	The Complete Genome and Proteome of <i>Mycoplasma mobile</i> . <i>Genome Research</i> , 2004, 14, 1447-1461.	2.4	224

#	ARTICLE	IF	CITATIONS
19	Initial sequencing and comparative analysis of the mouse genome. Nature, 2002, 420, 520-562.	13.7	6,319