

Robert Nicol

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10256043/publications.pdf>

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 | Initial sequencing and comparative analysis of the mouse genome. <i>Nature</i> , 2002, 420, 520-562. | 13.7 | 6,319 |
| 2 | Genome sequence, comparative analysis and haplotype structure of the domestic dog. <i>Nature</i> , 2005, 438, 803-819. | 13.7 | 2,215 |
| 3 | The genomic basis of adaptive evolution in threespine sticklebacks. <i>Nature</i> , 2012, 484, 55-61. | 13.7 | 1,600 |
| 4 | 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 |
| 5 | The genome sequence of the rice blast fungus <i>Magnaporthe grisea</i> . <i>Nature</i> , 2005, 434, 980-986. | 13.7 | 1,447 |
| 6 | A high-resolution map of human evolutionary constraint using 29 mammals. <i>Nature</i> , 2011, 478, 476-482. | 13.7 | 1,016 |
| 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 | Functional optimization of gene clusters by combinatorial design and assembly. <i>Nature Biotechnology</i> , 2014, 32, 1241-1249. | 9.4 | 307 |
| 9 | The Complete Genome and Proteome of <i>Mycoplasma mobile</i> . <i>Genome Research</i> , 2004, 14, 1447-1461. | 2.4 | 224 |
| 10 | DNA sequence of human chromosome 17 and analysis of rearrangement in the human lineage. <i>Nature</i> , 2006, 440, 1045-1049. | 13.7 | 130 |
| 11 | DNA sequence and analysis of human chromosome 8. <i>Nature</i> , 2006, 439, 331-335. | 13.7 | 115 |
| 12 | A scalable, fully automated process for construction of sequence-ready barcoded libraries for 454. <i>Genome Biology</i> , 2010, 11, R15. | 13.9 | 89 |
| 13 | Human chromosome 11 DNA sequence and analysis including novel gene identification. <i>Nature</i> , 2006, 440, 497-500. | 13.7 | 74 |
| 14 | Analysis of the DNA sequence and duplication history of human chromosome 15. <i>Nature</i> , 2006, 440, 671-675. | 13.7 | 67 |
| 15 | DNA sequence and analysis of human chromosome 18. <i>Nature</i> , 2005, 437, 551-555. | 13.7 | 53 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | High-Throughput Regulatory Part Prototyping and Analysis by Cell-Free Protein Synthesis and Droplet Microfluidics. ACS Synthetic Biology, 2022, 11, 2108-2120. | 1.9 | 6 |