

**Impact Factor****30.641** **34.848**

2018

5 year

JCR ® Category	Rank in Category	Quartile in Category
BIOCHEMISTRY & MOLECULAR BIOLOGY	2 of 299	Q1
CELL BIOLOGY	3 of 193	Q1
MEDICINE, RESEARCH & EXPERIMENTAL	1 of 136	Q1

*Data from the 2018 edition of [Journal Citation Reports](#)***Publisher**

NATURE PUBLISHING GROUP, 75 VARICK ST, 9TH FLR, NEW YORK, NY 10013-1917 USA

ISSN: 1078-8956**eISSN:** 1546-170X**Research Domain**

Biochemistry & Molecular Biology

Cell Biology

Research & Experimental Medicine

Close Window

REFERENCIAS

- Esteva, A., Robicquet, A., Ramsundar, B., Kuleshov, V., DePristo, M., Chou, K., Cui, C., Corrado, G., Thrun, S., & Dean, J. (2019). A guide to deep learning in healthcare. *Nature Medicine*, 25(1), 24-29.
- Zou, J., Huss, M., Abid, A., Mohammadi, P., Torkamani, A., & Telenti, A. (2019). A primer on deep learning in genomics. *Nature Genetics*, 51(1), 12-18.
- Eraslan, G., Avsec, Z., Gagneur, J., & Theis, F. J. (2019). Deep learning: New computational modelling techniques for genomics. *Nature Reviews Genetics*, 20(7), 389-403.
- Cheng, J., Nguyen, T. Y. D., Cygan, K. J., Celik, M. H., Fairbrother, W. G., Avsec, Z., & Gagneur, J. (2019). MMSplice: Modular modeling improves the predictions of genetic variant effects on splicing. *Genome Biology*, 20, 48.
- Guo, Y., Shang, X., & Li, Z. (2019). Identification of cancer subtypes by integrating multiple types of transcriptomics data with deep learning in breast cancer. *Neurocomputing*, 324, 20-30.
- Avsec, Z., Barekatain, M., Cheng, J., & Gagneur, J. (2018). Modeling positional effects of regulatory sequences with spline transformations increases prediction accuracy of deep neural networks. *Bioinformatics*, 34(8), 1261-1269.
- Korvigo, I., Afanasyev, A., Romashchenko, N., & Skoblov, M. (2018). Generalising better: Applying deep learning to integrate deleteriousness prediction scores for whole-exome SNV studies. *Plos One*, 13(3), e0192829.
- Diao, J. A., Kohane, I. S., & Manrai, A. K. (2018). Biomedical informatics and machine learning for clinical genomics. *Human Molecular Genetics*, 27(R1), R29-R34.
- Rowlands, C. F., Baralle, D., & Ellingford, J. M. (2019). Machine Learning Approaches for the Prioritization of Genomic Variants Impacting Pre-mRNA Splicing. *Cells*, 8(12), 1513.
- Dias, R., & Torkamani, A. (2019). Artificial intelligence in clinical and genomic diagnostics. *Genome Medicine*, 11(1), 70.