

Nuno Barbosa-Morais

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

7,114
citations

94433

37
h-index

138484

58
g-index

67
all docs

67
docs citations

67
times ranked

13735
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Allosteric Antagonist Modulation of TRPV2 by Piperlongumine Impairs Glioblastoma Progression. <i>ACS Central Science</i> , 2021, 7, 868-881. | 11.3 | 34 |
| 2 | The splicing factor XAB2 interacts with ERCC1-XPF and XPG for R-loop processing. <i>Nature Communications</i> , 2021, 12, 3153. | 12.8 | 27 |
| 3 | NineTeen Complex-subunit Salsa is required for efficient splicing of a subset of introns and dorsal-ventral patterning. <i>Rna</i> , 2020, 26, 1935-1956. | 3.5 | 2 |
| 4 | Unraveling Targetable Systemic and Cell-Type-Specific Molecular Phenotypes of Alzheimer's and Parkinson's Brains With Digital Cytometry. <i>Frontiers in Neuroscience</i> , 2020, 14, 607215. | 2.8 | 6 |
| 5 | IgE to epitopes of Ara h 2 enhance the diagnostic accuracy of Ara h 2-specific IgE. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2309-2318. | 5.7 | 36 |
| 6 | Expression of receptor activator of NF κ B (RANK) drives stemness and resistance to therapy in ER+HER2-breast cancer. <i>Oncotarget</i> , 2020, 11, 1714-1728. | 1.8 | 15 |
| 7 | Interactive Alternative Splicing Analysis of Human Stem Cells Using psichomics. <i>Methods in Molecular Biology</i> , 2020, 2117, 179-205. | 0.9 | 0 |
| 8 | Dissecting celastrol with machine learning to unveil dark pharmacology. <i>Chemical Communications</i> , 2019, 55, 6369-6372. | 4.1 | 10 |
| 9 | Pan-cancer association of a centrosome amplification gene expression signature with genomic alterations and clinical outcome. <i>PLoS Computational Biology</i> , 2019, 15, e1006832. | 3.2 | 35 |
| 10 | Natural product-drug conjugates for modulation of TRPV1-expressing tumors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2531-2536. | 3.0 | 8 |
| 11 | Light-entrained and brain-tuned circadian circuits regulate ILC3s and gut homeostasis. <i>Nature</i> , 2019, 574, 254-258. | 27.8 | 137 |
| 12 | psichomics: graphical application for alternative splicing quantification and analysis. <i>Nucleic Acids Research</i> , 2019, 47, e7-e7. | 14.5 | 36 |
| 13 | Androgen-regulated transcription of ESRP2 drives alternative splicing patterns in prostate cancer. <i>ELife</i> , 2019, 8, . | 6.0 | 56 |
| 14 | Expansion of DUB functionality by alternative isoforms: USP35, a case study. <i>Journal of Cell Science</i> , 2018, 131, . | 2.0 | 34 |
| 15 | Over-elongation of centrioles in cancer promotes centriole amplification and chromosome missegregation. <i>Nature Communications</i> , 2018, 9, 1258. | 12.8 | 113 |
| 16 | PTBP1-Mediated Alternative Splicing Regulates the Inflammatory Secretome and the Pro-tumorigenic Effects of Senescent Cells. <i>Cancer Cell</i> , 2018, 34, 85-102.e9. | 16.8 | 152 |
| 17 | Decoding a cancer-relevant splicing decision in the RON proto-oncogene using high-throughput mutagenesis. <i>Nature Communications</i> , 2018, 9, 3315. | 12.8 | 46 |
| 18 | Androgen-dependent alternative mRNA isoform expression in prostate cancer cells. <i>F1000Research</i> , 2018, 7, 1189. | 1.6 | 16 |

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|----|---|------|-----------|
| 19 | Alternative splicing: the pledge, the turn, and the prestige. <i>Human Genetics</i> , 2017, 136, 1015-1042. | 3.8 | 106 |
| 20 | <i>Trypanosoma brucei</i> metabolism is under circadian control. <i>Nature Microbiology</i> , 2017, 2, 17032. | 13.3 | 68 |
| 21 | Neuronal regulation of type 2 innate lymphoid cells via neuromedin U. <i>Nature</i> , 2017, 549, 277-281. | 27.8 | 421 |
| 22 | PD11-09 MOLECULAR TUMOR GRADING OF NON MUSCLE INVASIVE BLADDER CANCER BASED ON WHOLE TRANSCRIPTOME ANALYSIS. <i>Journal of Urology</i> , 2016, 195, . | 0.4 | 0 |
| 23 | Molecular tumor grading of non muscle invasive bladder cancer based on whole transcriptome analysis.. <i>Journal of Clinical Oncology</i> , 2016, 34, 467-467. | 1.6 | 1 |
| 24 | Next-generation RNA Sequencing of Archival Formalin-fixed Paraffin-embedded Urothelial Bladder Cancer. <i>European Urology</i> , 2014, 66, 982-986. | 1.9 | 33 |
| 25 | Widespread intron retention in mammals functionally tunes transcriptomes. <i>Genome Research</i> , 2014, 24, 1774-1786. | 5.5 | 554 |
| 26 | <i>T rypanosoma brucei</i> histone H 1 inhibits RNA polymerase I transcription and is important for parasite fitness in vivo. <i>Molecular Microbiology</i> , 2014, 93, 645-663. | 2.5 | 23 |
| 27 | Latent Regulatory Potential of Human-Specific Repetitive Elements. <i>Molecular Cell</i> , 2013, 49, 262-272. | 9.7 | 62 |
| 28 | MBNL proteins repress ES-cell-specific alternative splicing and reprogramming. <i>Nature</i> , 2013, 498, 241-245. | 27.8 | 326 |
| 29 | The Evolutionary Landscape of Alternative Splicing in Vertebrate Species. <i>Science</i> , 2012, 338, 1587-1593. | 12.6 | 905 |
| 30 | Functional evidence that <i>Drosha</i> overexpression in cervical squamous cell carcinoma affects cell phenotype and microRNA profiles. <i>Journal of Pathology</i> , 2011, 224, 496-507. | 4.5 | 71 |
| 31 | SIK2 Is a Centrosome Kinase Required for Bipolar Mitotic Spindle Formation that Provides a Potential Target for Therapy in Ovarian Cancer. <i>Cancer Cell</i> , 2010, 18, 109-121. | 16.8 | 126 |
| 32 | A re-annotation pipeline for Illumina BeadArrays: improving the interpretation of gene expression data. <i>Nucleic Acids Research</i> , 2010, 38, e17-e17. | 14.5 | 200 |
| 33 | The importance of platform annotation in interpreting microarray data. <i>Lancet Oncology</i> , The, 2010, 11, 717. | 10.7 | 14 |
| 34 | Association of ESR1 gene tagging SNPs with breast cancer risk. <i>Human Molecular Genetics</i> , 2009, 18, 1131-1139. | 2.9 | 84 |
| 35 | Isolation of Stool-Derived Mucus Provides a High Yield of Colonocytes Suitable for Early Detection of Colorectal Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 2006-2013. | 2.5 | 15 |
| 36 | Considerations for the processing and analysis of GoldenGate-based two-colour Illumina platforms. <i>Statistical Methods in Medical Research</i> , 2009, 18, 437-452. | 1.5 | 18 |

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|----|--|------|-----------|
| 37 | Statistical issues in the analysis of Illumina data. <i>BMC Bioinformatics</i> , 2008, 9, 85. | 2.6 | 90 |
| 38 | Spike-in validation of an Illumina-specific variance-stabilizing transformation. <i>BMC Research Notes</i> , 2008, 1, 18. | 1.4 | 13 |
| 39 | Species-Specific Transcription in Mice Carrying Human Chromosome 21. <i>Science</i> , 2008, 322, 434-438. | 12.6 | 260 |
| 40 | Tissue-specific splicing factor gene expression signatures. <i>Nucleic Acids Research</i> , 2008, 36, 4823-4832. | 14.5 | 172 |
| 41 | Association of single-nucleotide polymorphisms in the cell cycle genes with breast cancer in the British population. <i>Carcinogenesis</i> , 2008, 29, 333-341. | 2.8 | 68 |
| 42 | Pediatric Malignant Germ Cell Tumors Show Characteristic Transcriptome Profiles. <i>Cancer Research</i> , 2008, 68, 4239-4247. | 0.9 | 83 |
| 43 | High-resolution aCGH and expression profiling identifies a novel genomic subtype of ER negative breast cancer. <i>Genome Biology</i> , 2007, 8, R215. | 9.6 | 275 |
| 44 | MicroRNA expression profiling of human breast cancer identifies new markers of tumor subtype. <i>Genome Biology</i> , 2007, 8, R214. | 9.6 | 828 |
| 45 | Global microRNA profiles in cervical squamous cell carcinoma depend on Drosha expression levels. <i>Journal of Pathology</i> , 2007, 212, 368-377. | 4.5 | 162 |
| 46 | A gene-expression signature to predict survival in breast cancer across independent data sets. <i>Oncogene</i> , 2007, 26, 1507-1516. | 5.9 | 225 |
| 47 | Using array-comparative genomic hybridization to define molecular portraits of primary breast cancers. <i>Oncogene</i> , 2007, 26, 1959-1970. | 5.9 | 97 |
| 48 | New androgen receptor genomic targets show an interaction with the ETS1 transcription factor. <i>EMBO Reports</i> , 2007, 8, 871-878. | 4.5 | 240 |
| 49 | Cell Cycle Genes Are the Evolutionarily Conserved Targets of the E2F4 Transcription Factor. <i>PLoS ONE</i> , 2007, 2, e1061. | 2.5 | 51 |
| 50 | Genome-wide identification of functionally distinct subsets of cellular mRNAs associated with two nucleocytoplasmic-shuttling mammalian splicing factors. <i>Genome Biology</i> , 2006, 7, R113. | 9.6 | 68 |
| 51 | A consensus prognostic gene expression classifier for ER positive breast cancer. <i>Genome Biology</i> , 2006, 7, R101. | 9.6 | 82 |
| 52 | MMASS: an optimized array-based method for assessing CpG island methylation. <i>Nucleic Acids Research</i> , 2006, 34, e136-e136. | 14.5 | 44 |
| 53 | Diversity of human U2AF splicing factors. <i>FEBS Journal</i> , 2006, 273, 4807-4816. | 4.7 | 38 |
| 54 | ASD: a bioinformatics resource on alternative splicing. <i>Nucleic Acids Research</i> , 2006, 34, D46-D55. | 14.5 | 205 |

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|----|--|-----|-----------|
| 55 | PACK: Profile Analysis using Clustering and Kurtosis to find molecular classifiers in cancer. <i>Bioinformatics</i> , 2006, 22, 2269-2275. | 4.1 | 61 |
| 56 | A variational Bayesian mixture modelling framework for cluster analysis of gene-expression data. <i>Bioinformatics</i> , 2005, 21, 3025-3033. | 4.1 | 73 |
| 57 | Systematic genome-wide annotation of spliceosomal proteins reveals differential gene family expansion. <i>Genome Research</i> , 2005, 16, 66-77. | 5.5 | 92 |
| 58 | Diversity of Vertebrate Splicing Factor U2AF35. <i>Journal of Biological Chemistry</i> , 2004, 279, 27039-27049. | 3.4 | 47 |
| 59 | Expression microarray reproducibility is improved by optimising purification steps in RNA amplification and labelling. <i>BMC Genomics</i> , 2004, 5, 9. | 2.8 | 45 |
| 60 | Allosteric Antagonist Modulation of TRPV2 by Piperlongumine Impairs Glioblastoma Progression. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 1 |