# Jonathan Houseley

List of Publications by Year
in descending order



| 39 | 4,091 | 430874 | 414414 |
|---|---|---|---|
| papers | citations | 18 h-index | 32 g-index |

| 48 | 48 | 48 | 5319 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Many Pathways of RNA Degradation. Cell, 2009, 136, 763-776. | 28.9 | 978 |
| 2 | RNA Degradation by the Exosome Is Promoted by a Nuclear Polyadenylation Complex. Cell, 2005, 121, 713-724. | 28.9 | 786 |
| 3 | RNA-quality control by the exosome. Nature Reviews Molecular Cell Biology, 2006, 7, 529-539. | 37.0 | 570 |
| 4 | A ncRNA Modulates Histone Modification and mRNA Induction in the Yeast GAL Gene Cluster. Molecular Cell, 2008, 32, 685-695. | 9.7 | 262 |
| 5 | Trf4 targets ncRNAs from telomeric and rDNA spacer regions and functions in rDNA copy number control. EMBO Journal, 2007, 26, 4996-5006. | 7.8 | 170 |
| 6 | Yeast Trf5p is a nuclear poly(A) polymerase. EMBO Reports, 2006, 7, 205-211. | 4.5 | 145 |
| 7 | Apparent Non-Canonical Trans-Splicing Is Generated by Reverse Transcriptase In Vitro. PLoS ONE, 2010, 5, e12271. | 2.5 | 134 |
| 8 | Environmental change drives accelerated adaptation through stimulated copy number variation. PLoS Biology, 2017, 15, e2001333. | 5.6 | 123 |
| 9 | Surveillance of nuclear-restricted pre-ribosomes within a subnucleolar region of Saccharomyces cerevisiae. EMBO Journal, 2006, 25, 1534-1546. | 7.8 | 121 |
| 10 | Gene expression hallmarks of cellular ageing. Biogerontology, 2018, 19, 547-566. | 3.9 | 113 |
| 11 | TET-dependent regulation of retrotransposable elements in mouse embryonic stem cells. Genome Biology, 2016, 17, 234. | 8.8 | 78 |
| 12 | The nuclear RNA surveillance machinery: The link between ncRNAs and genome structure in budding yeast?. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2008, 1779, 239-246. | 1.9 | 76 |
| 13 | Regulation of ribosomal DNA amplification by the TOR pathway. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9674-9679. | 7.1 | 74 |
| 14 | Transcription-induced formation of extrachromosomal DNA during yeast ageing. PLoS Biology, 2019, 17, e3000471. | 5.6 | 69 |
| 15 | Tri-methylation of histone H3 lysine 4 facilitates gene expression in ageing cells. ELife, 2018, 7, . | 6.0 | 69 |
| 16 | Repeat expansion in the budding yeast ribosomal DNA can occur independently of the canonical homologous recombination machinery. Nucleic Acids Research, 2011, 39, 8778-8791. | 14.5 | 42 |
| 17 | RNA Binding by Histone Methyltransferases Set1 and Set2. Molecular and Cellular Biology, 2017, 37, . | 2.3 | 31 |
| 18 | Muscleblind isoforms are functionally distinct and regulate Î±-actinin splicing. Differentiation, 2007, 75, 427-440. | 1.9 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The adaptive potential of circular DNA accumulation in ageing cells. Current Genetics, 2020, 66, 889-894. | 1.7 | 26 |
| 20 | Replicative aging is associated with loss of genetic heterogeneity from extrachromosomal circular DNA in Saccharomyces cerevisiae. Nucleic Acids Research, 2020, 48, 7883-7898. | 14.5 | 25 |
| 21 | Endogenous RNA interference is driven by copy number. ELife, 2014, 3, e01581. | 6.0 | 25 |
| 22 | Resolution of Budding Yeast Chromosomes Using Pulsed-Field Gel Electrophoresis. Methods in Molecular Biology, 2013, 1054, 195-207. | 0.9 | 22 |
| 23 | Aging yeast gain a competitive advantage on non-optimal carbon sources. Aging Cell, 2017, 16, 602-604. | 6.7 | 21 |
| 24 | Glyoxal fixation facilitates transcriptome analysis after antigen staining and cell sorting by flow cytometry. PLoS ONE, 2021, 16, e0240769. | 2.5 | 19 |
| 25 | Genome-wide analysis of DNA replication and DNA double-strand breaks using TrAEL-seq. PLoS Biology, 2021, 19, e3000886. | 5.6 | 19 |
| 26 | Unexpected DNA Loss Mediated by the DNA Binding Activity of Ribonuclease A. PLoS ONE, 2014, 9, e115008. | 2.5 | 16 |
| 27 | The Nuclear Exosome Is Active and Important during Budding Yeast Meiosis. PLoS ONE, 2014, 9, e107648. | 2.5 | 13 |
| 28 | Stimulation of adaptive gene amplification by origin firing under replication fork constraint. Nucleic Acids Research, 2022, 50, 915-936. | 14.5 | 10 |
| 29 | Form and function of eukaryotic unstable non-coding RNAs. Biochemical Society Transactions, 2012, 40, 836-841. | 3.4 | 6 |
| 30 | Etoposide Induces Nuclear Re-Localisation of AID. PLoS ONE, 2013, 8, e82110. | 2.5 | 4 |
| 31 | Apparent non-canonical trans-splicing is generated by reverse transcriptase in vitro. Nature Precedings, 2010, , . | 0.1 | 3 |
| 32 | Can aging be beneficial?. Aging, 2017, 9, 2016-2017. | 3.1 | 2 |
| 33 | Protocols for Northern Analysis of Exosome Substrates and Other Noncoding RNAs. Methods in Molecular Biology, 2020, 2062, 83-103. | 0.9 | 0 |
| 34 | Transcription-induced formation of extrachromosomal DNA during yeast ageing. , 2019, 17, e3000471. | | 0 |
| 35 | Transcription-induced formation of extrachromosomal DNA during yeast ageing. , 2019, 17, e3000471. | | 0 |
| 36 | Transcription-induced formation of extrachromosomal DNA during yeast ageing. , 2019, 17, e3000471. | | 0 |

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|---|---|---|---|
| 37 | Transcription-induced formation of extrachromosomal DNA during yeast ageing. , 2019, 17, e3000471. | | 0 |
| 38 | Transcription-induced formation of extrachromosomal DNA during yeast ageing. , 2019, 17, e3000471. | | 0 |
| 39 | Transcription-induced formation of extrachromosomal DNA during yeast ageing. , 2019, 17, e3000471. | | 0 |