# Maria Gomez

List of Publications by Year
in descending order



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|---|---|---|---|
| 16 papers | 948 citations | 759233 12 h-index | 940533 16 g-index |
| 19 all docs | 19 docs citations | 19 times ranked | 1043 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Transcription Initiation Activity Sets Replication Origin Efficiency in Mammalian Cells. PLoS Genetics, 2009, 5, e1000446. | 3.5 | 216 |
| 2 | Initiation of DNA replication at CpG islands in mammalian chromosomes. EMBO Journal, 1998, 17, 2426-2435. | 7.8 | 207 |
| 3 | Organization of DNA replication origins in the fission yeast genome. EMBO Journal, 1999, 18, 5683-5690. | 7.8 | 76 |
| 4 | Heterochromatin on the inactive X chromosome delays replication timing without affecting origin usage. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6923-6928. | 7.1 | 69 |
| 5 | Chromatin conformation regulates the coordination between DNA replication and transcription. Nature Communications, 2018, 9, 1590. | 12.8 | 66 |
| 6 | High-resolution analysis of DNA synthesis start sites and nucleosome architecture at efficient mammalian replication origins. EMBO Journal, 2013, 32, 2631-2644. | 7.8 | 52 |
| 7 | Transcriptionally Driven DNA Replication Program of the Human Parasite Leishmania major. Cell Reports, 2016, 16, 1774-1786. | 6.4 | 52 |
| 8 | Increased Recombination Intermediates and Homologous Integration Hot Spots at DNA Replication Origins. Molecular Cell, 2002, 10, 907-916. | 9.7 | 51 |
| 9 | R-loops and initiation of DNA replication in human cells: a missing link?. Frontiers in Genetics, 2015, 6, 158. | 2.3 | 43 |
| 10 | Differential patterns of histone methylation and acetylation distinguish active and repressed alleles at X-linked genes. Cytogenetic and Genome Research, 2002, 99, 66-74. | 1.1 | 34 |
| 11 | Overreplication of short DNA regions during S phase in human cells. Genes and Development, 2008, 22, 375-385. | 5.9 | 30 |
| 12 | On the opportunistic nature of transcription and replication initiation in the metazoan genome. BioEssays, 2012, 34, 119-125. | 2.5 | 16 |
| 13 | The CDK regulators Cdh1 and Sic1 promote efficient usage of DNA replication origins to prevent chromosomal instability at a chromosome arm. Nucleic Acids Research, 2014, 42, 7057-7068. | 14.5 | 13 |
| 14 | Evolution of replication origins in vertebrate genomes: rapid turnover despite selective constraints. Nucleic Acids Research, 2019, 47, 5114-5125. | 14.5 | 10 |
| 15 | Controlled rereplication at DNA replication origins. Cell Cycle, 2008, 7, 1313-1314. | 2.6 | 3 |
| 16 | A stitch in time: Replicate early and escape dosage compensation to express more. Journal of Cell Biology, 2017, 216, 1869-1870. | 5.2 | 1 |