

Karen L Reddy

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,608
citations

394421

19
h-index

477307

29
g-index

41
all docs

41
docs citations

41
times ranked

3488
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | vrille, Pdp1, and dClock Form a Second Feedback Loop in the Drosophila Circadian Clock. <i>Cell</i> , 2003, 112, 329-341. | 28.9 | 474 |
| 2 | DNA Sequence-Dependent Compartmentalization and Silencing of Chromatin at the Nuclear Lamina. <i>Cell</i> , 2012, 149, 1474-1487. | 28.9 | 405 |
| 3 | Directed targeting of chromatin to the nuclear lamina is mediated by chromatin state and A-type lamins. <i>Journal of Cell Biology</i> , 2015, 208, 33-52. | 5.2 | 266 |
| 4 | Regulation of B cell fate commitment and immunoglobulin heavy-chain gene rearrangements by Ikaros. <i>Nature Immunology</i> , 2008, 9, 927-936. | 14.5 | 228 |
| 5 | Assembling a Gene Regulatory Network for Specification of the B Cell Fate. <i>Developmental Cell</i> , 2004, 7, 607-617. | 7.0 | 212 |
| 6 | Regulation of interleukin 7-dependent immunoglobulin heavy-chain variable gene rearrangements by transcription factor STAT5. <i>Nature Immunology</i> , 2005, 6, 836-843. | 14.5 | 131 |
| 7 | Altered Chromosomal Positioning, Compaction, and Gene Expression with a Lamin A/C Gene Mutation. <i>PLoS ONE</i> , 2010, 5, e14342. | 2.5 | 111 |
| 8 | Higher order chromatin organization in cancer. <i>Seminars in Cancer Biology</i> , 2013, 23, 109-115. | 9.6 | 83 |
| 9 | BioSITE: A Method for Direct Detection and Quantitation of Site-Specific Biotinylation. <i>Journal of Proteome Research</i> , 2018, 17, 759-769. | 3.7 | 70 |
| 10 | Initiation of allelic exclusion by stochastic interaction of Tcrb alleles with repressive nuclear compartments. <i>Nature Immunology</i> , 2008, 9, 802-809. | 14.5 | 68 |
| 11 | Genome regulation at the peripheral zone: lamina associated domains in development and disease. <i>Current Opinion in Genetics and Development</i> , 2014, 25, 50-61. | 3.3 | 66 |
| 12 | NET gains and losses: the role of changing nuclear envelope proteomes in genome regulation. <i>Current Opinion in Cell Biology</i> , 2014, 28, 105-120. | 5.4 | 60 |
| 13 | Methylation of histone H3K23 blocks DNA damage in pericentric heterochromatin during meiosis. <i>ELife</i> , 2014, 3, e02996. | 6.0 | 51 |
| 14 | The Drosophila PAR Domain Protein 1 (Pdp1) Gene Encodes Multiple Differentially Expressed mRNAs and Proteins through the Use of Multiple Enhancers and Promoters. <i>Developmental Biology</i> , 2000, 224, 401-414. | 2.0 | 42 |
| 15 | A Lamina-Associated Domain Border Governs Nuclear Lamina Interactions, Transcription, and Recombination of the Tcrb Locus. <i>Cell Reports</i> , 2018, 25, 1729-1740.e6. | 6.4 | 37 |
| 16 | Nuclear lamin isoforms differentially contribute to LINC complex-dependent nucleocytoskeletal coupling and whole-cell mechanics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121816119. | 7.1 | 33 |
| 17 | The Nuclear Lamina. <i>Cold Spring Harbor Perspectives in Biology</i> , 2022, 14, a040113. | 5.5 | 28 |
| 18 | An Accessible Proteogenomics Informatics Resource for Cancer Researchers. <i>Cancer Research</i> , 2017, 77, e43-e46. | 0.9 | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The High Mobility Group A1 (HMGA1) gene is highly overexpressed in human uterine serous carcinomas and carcinosarcomas and drives Matrix Metalloproteinase-2 (MMP-2) in a subset of tumors. <i>Gynecologic Oncology</i> , 2016, 141, 580-587. | 1.4 | 26 |
| 20 | Mapping the micro-proteome of the nuclear lamina and lamina-associated domains. <i>Life Science Alliance</i> , 2021, 4, e202000774. | 2.8 | 26 |
| 21 | The shifting shape of genomes: dynamics of heterochromatin interactions at the nuclear lamina. <i>Current Opinion in Genetics and Development</i> , 2021, 67, 163-173. | 3.3 | 25 |
| 22 | Lamin C is required to establish genome organization after mitosis. <i>Genome Biology</i> , 2021, 22, 305. | 8.8 | 24 |
| 23 | HMGA1 chromatin regulators induce transcriptional networks involved in GATA2 and proliferation during MPN progression. <i>Blood</i> , 2022, 139, 2797-2815. | 1.4 | 20 |
| 24 | The Drosophila Par domain protein I gene, Pdp1, is a regulator of larval growth, mitosis and endoreplication. <i>Developmental Biology</i> , 2006, 289, 100-114. | 2.0 | 16 |
| 25 | Molecular Pathways and Mechanisms Regulating the Recombination of Immunoglobulin Genes during B-Lymphocyte Development. <i>Advances in Experimental Medicine and Biology</i> , 2009, 650, 133-147. | 1.6 | 14 |
| 26 | Prediction of Gene Activity in Early B Cell Development Based on an Integrative Multi-Omics Analysis. <i>Journal of Proteomics and Bioinformatics</i> , 2014, 07, . | 0.4 | 13 |
| 27 | Tagged Chromosomal Insertion Site System. <i>Methods in Enzymology</i> , 2016, 569, 433-453. | 1.0 | 6 |
| 28 | Finding the Middlemen in Genome Organization. <i>Developmental Cell</i> , 2015, 35, 670-671. | 7.0 | 4 |
| 29 | The Nuclear Lamina and Genome Organization. , 2018, , 321-343. | | 2 |
| 30 | Differential Signaling through p190 and p210 Forms of BCR-ABL Fusion Proteins Revealed By Proteomic Analysis. <i>Blood</i> , 2015, 126, 3651-3651. | 1.4 | 1 |
| 31 | Abstract 2414: HMGA1 induces <i>FGF19</i> to drive tumor progression and recruit cancer associated fibroblasts in pancreatic adenocarcinoma. <i>Cancer Research</i> , 2021, 81, 2414-2414. | 0.9 | 0 |
| 32 | Abstract 2666: HMGA1: An epigenetic switch required for MPN progression by inducing GATA-2 and cell cycle progression through enhancer rewiring. , 2021, , . | | 0 |
| 33 | Proteomic/Transcriptomic Signatures of Infant MLL-r Rearranged B-ALL at Diagnosis and Relapse Reveal Lineage Plasticity and Diagnostic Heterogeneity. <i>Blood</i> , 2016, 128, 2697-2697. | 1.4 | 0 |
| 34 | HMGA1 Chromatin Regulators Drive Progression in Myeloproliferative Neoplasms through Epigenetic Rewiring to Induce Networks Involved in GATA2 and Proliferation. <i>Blood</i> , 2021, 138, 625-625. | 1.4 | 0 |