# Harmit Malik

List of Publications by Year
in descending order



| 157 | 18,284 | 19608 61 | 15683 125 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 192 | 192 | 192 | 22498 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. Nature, 2020, 583, 459-468. | 13.7 | 3,542 |
| 2 | The Centromere Paradox: Stable Inheritance with Rapidly Evolving DNA. Science, 2001, 293, 1098-1102. | 6.0 | 1,138 |
| 3 | Positive selection of primate TRIM5Â identifies a critical species-specific retroviral restriction domain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2832-2837. | 3.3 | 634 |
| 4 | The age and evolution of non-LTR retrotransposable elements. Molecular Biology and Evolution, 1999, 16, 793-805. | 3.5 | 518 |
| 5 | Phylogenomics of the nucleosome. Nature Structural and Molecular Biology, 2003, 10, 882-891. | 3.6 | 497 |
| 6 | Rules of Engagement: Molecular Insights from Host-Virus Arms Races. Annual Review of Genetics, 2012, 46, 677-700. | 3.2 | 462 |
| 7 | Ancient Adaptive Evolution of the Primate Antiviral DNA-Editing Enzyme APOBEC3G. PLoS Biology, 2004, 2, e275. | 2.6 | 426 |
| 8 | Major Evolutionary Transitions in Centromere Complexity. Cell, 2009, 138, 1067-1082. | 13.5 | 324 |
| 9 | Poised for Contagion: Evolutionary Origins of the Infectious Abilities of Invertebrate Retroviruses. Genome Research, 2000, 10, 1307-1318. | 2.4 | 303 |
| 10 | Poxviruses Deploy Genomic Accordions to Adapt Rapidly against Host Antiviral Defenses. Cell, 2012, 150, 831-841. | 13.5 | 281 |
| 11 | Adaptive Evolution of Cid, a Centromere-Specific Histone in Drosophila. Genetics, 2001, 157, 1293-1298. | 1.2 | 274 |
| 12 | A unified phylogeny-based nomenclature for histone variants. Epigenetics and Chromatin, 2012, 5, 7. | 1.8 | 265 |
| 13 | Accelerated Evolution of the Prdm9 Speciation Gene across Diverse Metazoan Taxa. PLoS Genetics, 2009, 5, e1000753. | 1.5 | 256 |
| 14 | Safeguarding gene drive experiments in the laboratory. Science, 2015, 349, 927-929. | 6.0 | 254 |
| 15 | Protein kinase R reveals an evolutionary model for defeating viral mimicry. Nature, 2009, 457, 485-489. | 13.7 | 250 |
| 16 | The Ability of Primate Lentiviruses to Degrade the Monocyte Restriction Factor SAMHD1 Preceded the Birth of the Viral Accessory Protein Vpx. Cell Host and Microbe, 2012, 11, 194-204. | 5.1 | 245 |
| 17 | Guidelines for Naming Nonprimate APOBEC3 Genes and Proteins. Journal of Virology, 2009, 83, 494-497. | 1.5 | 217 |
| 18 | Phylogenetic Analysis of Ribonuclease H Domains Suggests a Late, Chimeric Origin of LTR Retrotransposable Elements and Retroviruses. Genome Research, 2001, 11, 1187-1197. | 2.4 | 210 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Extensive evolutionary and functional diversity among mammalian AIM2-like receptors. Journal of Experimental Medicine, 2012, 209, 1969-1983. | 4.2 | 200 |
| 20 | Modular Evolution of the Integrase Domain in the Ty3/Gypsy Class of LTR Retrotransposons. Journal of Virology, 1999, 73, 5186-5190. | 1.5 | 196 |
| 21 | Antiretroelement Activity of APOBEC3H Was Lost Twice in Recent Human Evolution. Cell Host and Microbe, 2008, 4, 249-259. | 5.1 | 187 |
| 22 | Identification of the yeast gene encoding the tRNA m1G methyltransferase responsible for modification at position 9. Rna, 2003, 9, 574-585. | 1.6 | 186 |
| 23 | The evolutionary conundrum of pathogen mimicry. Nature Reviews Microbiology, 2009, 7, 787-797. | 13.6 | 183 |
| 24 | Conflict begets complexity: the evolution of centromeres. Current Opinion in Genetics and Development, 2002, 12, 711-718. | 1.5 | 178 |
| 25 | Adaptive Evolution and Antiviral Activity of the Conserved Mammalian Cytidine Deaminase APOBEC3H. Journal of Virology, 2006, 80, 3853-3862. | 1.5 | 177 |
| 26 | Molecular Basis for Specific Recognition of Bacterial Ligands by NAIP/NLRC4 Inflammasomes. Molecular Cell, 2014, 54, 17-29. | 4.5 | 176 |
| 27 | Recurrent loss of CenH3 is associated with independent transitions to holocentricity in insects. ELife, 2014, 3, . | 2.8 | 174 |
| 28 | Positive Selection and Increased Antiviral Activity Associated with the PARP-Containing Isoform of Human Zinc-Finger Antiviral Protein. PLoS Genetics, 2008, 4, e21. | 1.5 | 171 |
| 29 | Discordant Evolution of the Adjacent Antiretroviral Genes TRIM22 and TRIM5 in Mammals. PLoS Pathogens, 2007, 3, e197. | 2.1 | 165 |
| 30 | Rapid Evolution of PARP Genes Suggests a Broad Role for ADP-Ribosylation in Host-Virus Conflicts. PLoS Genetics, 2014, 10, e1004403. | 1.5 | 163 |
| 31 | Altered Heterochromatin Binding by a Hybrid Sterility Protein in <i>Drosophila</i> Sibling Species. Science, 2009, 326, 1538-1541. | 6.0 | 154 |
| 32 | Identification of the endonuclease domain encoded by R2 and other site-specific, non-long terminal repeat retrotransposable elements. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7847-7852. | 3.3 | 149 |
| 33 | Evolution-Guided Identification of Antiviral Specificity Determinants in the Broadly Acting Interferon-Induced Innate Immunity Factor MxA. Cell Host and Microbe, 2012, 12, 598-604. | 5.1 | 144 |
| 34 | Paleovirologyâ€"Modern Consequences of Ancient Viruses. PLoS Biology, 2010, 8, e1000301. | 2.6 | 143 |
| 35 | The apolipoprotein L family of programmed cell death and immunity genes rapidly evolved in primates at discrete sites of hostâ€"pathogen interactions. Genome Research, 2009, 19, 850-858. | 2.4 | 135 |
| 36 | Ancient Adaptive Evolution of Tetherin Shaped the Functions of Vpu and Nef in Human Immunodeficiency Virus and Primate Lentiviruses. Journal of Virology, 2010, 84, 7124-7134. | 1.5 | 135 |

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|---|---|---|---|
| 37 | Identification of an overprinting gene in Merkel cell polyomavirus provides evolutionary insight into the birth of viral genes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12744-12749. | 3.3 | 132 |
| 38 | Genetic conflicts: the usual suspects and beyond. Journal of Experimental Biology, 2017, 220, 6-17. | 0.8 | 132 |
| 39 | Multiple Roles for Heterochromatin Protein 1 Genes in<i>Drosophila</i>. Annual Review of Genetics, 2009, 43, 467-492. | 3.2 | 127 |
| 40 | Positive Selection Drives the Evolution of rhino, a Member of the Heterochromatin Protein 1 Family in Drosophila. PLoS Genetics, 2005, 1, e9. | 1.5 | 125 |
| 41 | Restriction of an Extinct Retrovirus by the Human TRIM5Â Antiviral Protein. Science, 2007, 316, 1756-1758. | 6.0 | 125 |
| 42 | Centromeres: Selfish drivers. Nature, 2002, 417, 227-227. | 13.7 | 119 |
| 43 | Evolutionary specialization of the nuclear targeting apparatus. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 13738-13742. | 3.3 | 112 |
| 44 | The RTE class of non-LTR retrotransposons is widely distributed in animals and is the origin of many SINEs. Molecular Biology and Evolution, 1998, 15, 1123-1134. | 3.5 | 112 |
| 45 | Recurrent evolution of DNA-binding motifs in the Drosophila centromeric histone. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1449-1454. | 3.3 | 112 |
| 46 | Evolutionary cell biology: Two origins, one objective. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16990-16994. | 3.3 | 108 |
| 47 | Paleovirologyâ€"ghosts and gifts of viruses past. Current Opinion in Virology, 2011, 1, 304-309. | 2.6 | 107 |
| 48 | wtf genes are prolific dual poison-antidote meiotic drivers. ELife, 2017, 6, . | 2.8 | 106 |
| 49 | The domain structure and retrotransposition mechanism of R2 elements are conserved throughout arthropods. Molecular Biology and Evolution, 1999, 16, 502-511. | 3.5 | 104 |
| 50 | High-Frequency Persistence of an Impaired Allele of the Retroviral Defense Gene TRIM5Î± in Humans. Current Biology, 2006, 16, 95-100. | 1.8 | 103 |
| 51 | Genome rearrangements and pervasive meiotic drive cause hybrid infertility in fission yeast. ELife, 2014, 3, e02630. | 2.8 | 99 |
| 52 | Are retrotransposons long-term hitchhikers?. Nature, 1998, 392, 141-142. | 13.7 | 97 |
| 53 | Stepwise Evolution of Essential Centromere Function in a <i>Drosophila</i> Neogene. Science, 2013, 340, 1211-1214. | 6.0 | 94 |
| 54 | Convergent Evolution of Escape from Hepaciviral Antagonism in Primates. PLoS Biology, 2012, 10, e1001282. | 2.6 | 90 |

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|---|---|---|---|
| 55 | The Centromere-Drive Hypothesis: A Simple Basis for Centromere Complexity. Progress in Molecular and Subcellular Biology, 2009, 48, 33-52. | 0.9 | 85 |
| 56 | Evolutionary Turnover of Kinetochore Proteins: A Ship of Theseus?. Trends in Cell Biology, 2016, 26, 498-510. | 3.6 | 84 |
| 57 | Evolution-guided functional analyses reveal diverse antiviral specificities encoded by IFIT1 genes in mammals. ELife, 2016, 5, . | 2.8 | 84 |
| 58 | Transferred interbacterial antagonism genes augment eukaryotic innate immune function. Nature, 2015, 518, 98-101. | 13.7 | 82 |
| 59 | The cellular mechanisms and consequences of centromere drive. Current Opinion in Cell Biology, 2018, 52, 58-65. | 2.6 | 74 |
| 60 | A mitochondrial DNA hypomorph of cytochrome oxidase specifically impairs male fertility in Drosophila melanogaster. ELife, 2016, 5, . | 2.8 | 74 |
| 61 | An evolutionary perspective on the broad antiviral specificity of MxA. Current Opinion in Microbiology, 2013, 16, 493-499. | 2.3 | 71 |
| 62 | Hide and seek: how chromatin-based pathways silence retroelements in the mammalian germline. Current Opinion in Genetics and Development, 2016, 37, 51-58. | 1.5 | 69 |
| 63 | An expanded clade of rodent Trim5 genes. Virology, 2009, 385, 473-483. | 1.1 | 68 |
| 64 | Host gene evolution traces the evolutionary history of ancient primate lentiviruses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120496. | 1.8 | 68 |
| 65 | NeSL-1, an Ancient Lineage of Site-Specific Non-LTR Retrotransposons From Caenorhabditis elegans. Genetics, 2000, 154, 193-203. | 1.2 | 64 |
| 66 | Positive Selection of Iris, a Retroviral Envelopeâ€“Derived Host Gene in Drosophila melanogaster. PLoS Genetics, 2005, 1, e44. | 1.5 | 62 |
| 67 | Putative telomerase catalytic subunits from Giardia lamblia and Caenorhabditis elegans. Gene, 2000, 251, 101-108. | 1.0 | 61 |
| 68 | A functional homolog of a yeast tRNA splicing enzyme is conserved in higher eukaryotes and in Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14136-14141. | 3.3 | 60 |
| 69 | An essential cell cycle regulation gene causes hybrid inviability in <i>Drosophila</i>. Science, 2015, 350, 1552-1555. | 6.0 | 59 |
| 70 | Ancient Lineages of Non-LTR Retrotransposons in the Primitive Eukaryote, Giardia lamblia. Molecular Biology and Evolution, 2002, 19, 619-630. | 3.5 | 57 |
| 71 | Functional metagenomics-guided discovery of potent Cas9 inhibitors in the human microbiome. ELife, 2019, 8, . | 2.8 | 56 |
| 72 | The CNA1 Histone of the Ciliate Tetrahymena thermophila Is Essential for Chromosome Segregation in the Germline Micronucleus. Molecular Biology of the Cell, 2006, 17, 485-497. | 0.9 | 53 |

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| 73 | Dual recognitionâ€"incision enzymes might be involved in mismatch repair and meiosis. Trends in Biochemical Sciences, 2000, 25, 414-418. | 3.7 | 52 |
| 74 | Positive selection of yeast nonhomologous end-joining genes and a retrotransposon conflict hypothesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17614-17619. | 3.3 | 52 |
| 75 | The Breadth of Antiviral Activity of Apobec3DE in Chimpanzees Has Been Driven by Positive Selection. Journal of Virology, 2011, 85, 11361-11371. | 1.5 | 52 |
| 76 | Species-specific positive selection of the male-specific lethal complex that participates in dosage compensation in <i>Drosophila</i>. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15412-15417. | 3.3 | 50 |
| 77 | Retrocopying expands the functional repertoire of APOBEC3 antiviral proteins in primates. ELife, 2020, 9, . | 2.8 | 50 |
| 78 | Structural analysis of RIG-I-like receptors reveals ancient rules of engagement between diverse RNA helicases and TRIM ubiquitin ligases. Molecular Cell, 2021, 81, 599-613.e8. | 4.5 | 48 |
| 79 | Evolutionary Analyses Suggest a Function of MxB Immunity Proteins Beyond Lentivirus Restriction. PLoS Pathogens, 2015, 11, e1005304. | 2.1 | 48 |
| 80 | Phylogenomic Analysis Reveals Dynamic Evolutionary History of the Drosophila Heterochromatin Protein 1 (HP1) Gene Family. PLoS Genetics, 2012, 8, e1002729. | 1.5 | 46 |
| 81 | Evolutionary origins and diversification of testis-specific short histone H2A variants in mammals. Genome Research, 2018, 28, 460-473. | 2.4 | 46 |
| 82 | An Evolutionary Screen Highlights Canonical and Noncanonical Candidate Antiviral Genes within the Primate TRIM Gene Family. Genome Biology and Evolution, 2013, 5, 2141-2154. | 1.1 | 45 |
| 83 | Genetic conflicts during meiosis and the evolutionary origins of centromere complexity. Biochemical Society Transactions, 2006, 34, 569-573. | 1.6 | 44 |
| 84 | Birth, decay, and reconstruction of an ancient <i>TRIMCyp</i> gene fusion in primate genomes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E583-92. | 3.3 | 44 |
| 85 | The piggyBac transposon-derived genes <i>TPB1</i> and <i>TPB6</i> mediate essential transposon-like excision during the developmental rearrangement of key genes in <i>Tetrahymena thermophila</i>. Genes and Development, 2016, 30, 2724-2736. | 2.7 | 43 |
| 86 | Recurrent Gene Duplication Leads to Diverse Repertoires of Centromeric Histones in Drosophila Species. Molecular Biology and Evolution, 2017, 34, 1445-1462. | 3.5 | 42 |
| 87 | Centromeres. Current Biology, 2016, 26, R487-R490. | 1.8 | 39 |
| 88 | The function and evolution of the restriction factor viperin in primates was not driven by lentiviruses. Retrovirology, 2012, 9, 55. | 0.9 | 35 |
| 89 | Evolution of a transcriptional regulator from a transmembrane nucleoporin. Genes and Development, 2016, 30, 1155-1171. | 2.7 | 34 |
| 90 | Ribonuclease H evolution in retrotransposable elements. Cytogenetic and Genome Research, 2005, 110, 392-401. | 0.6 | 32 |

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| 91 | Retroviruses push the envelope for mammalian placentation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2184-2185. | 3.3 | 29 |
| 92 | Short H2A histone variants are expressed in cancer. Nature Communications, 2021, 12, 490. | 5.8 | 29 |
| 93 | Innovation of heterochromatin functions drives rapid evolution of essential ZAD-ZNF genes in Drosophila. ELife, 2020, 9, . | 2.8 | 28 |
| 94 | Retrotransposable Elements R1 and R2 in the rDNA Units of Drosophila mercatorum: abnormal abdomen Revisited. Genetics, 1999, 151, 653-665. | 1.2 | 27 |
| 95 | A functional map of HIV-host interactions in primary human T cells. Nature Communications, 2022, 13, 1752. | 5.8 | 27 |
| 96 | finds centromeres in the driver's seat. Trends in Ecology and Evolution, 2005, 20, 151-154. | 4.2 | 26 |
| 97 | Conservation and Innovation of APOBEC3A Restriction Functions during Primate Evolution. Molecular Biology and Evolution, 2016, 33, 1889-1901. | 3.5 | 25 |
| 98 | Evolutionary Landscapes of Host-Virus Arms Races. Annual Review of Immunology, 2022, 40, 271-294. | 9.5 | 24 |
| 99 | Determining the evolutionary potential of a gene. Molecular Biology and Evolution, 1998, 15, 1055-1061. | 3.5 | 22 |
| 100 | Positive Selection and Multiple Losses of the LINE-1-Derived L1TD1 Gene in Mammals Suggest a Dual Role in Genome Defense and Pluripotency. PLoS Genetics, 2014, 10, e1004531. | 1.5 | 22 |
| 101 | Rapidly Evolving Toll-3/4 Genes Encode Male-Specific Toll-Like Receptors in Drosophila. Molecular Biology and Evolution, 2017, 34, 2307-2323. | 3.5 | 21 |
| 102 | The gene drive bubble: New realities. PLoS Genetics, 2017, 13, e1006850. | 1.5 | 21 |
| 103 | Mutational resilience of antiviral restriction favors primate TRIM5Î± in host-virus evolutionary arms races. ELife, 2020, 9, . | 2.8 | 20 |
| 104 | Diversifying selection and functional analysis of interleukin-4 suggests antagonism-driven evolution at receptor-binding interfaces. BMC Evolutionary Biology, 2010, 10, 223. | 3.2 | 19 |
| 105 | Absence of Positive Selection on Centromeric Histones in Tetrahymena Suggests Unsuppressed Centromere-Drive in Lineages Lacking Male Meiosis. Journal of Molecular Evolution, 2011, 72, 510-520. | 0.8 | 19 |
| 106 | Recurrent Gene Duplication Diversifies Genome Defense Repertoire in Drosophila. Molecular Biology and Evolution, 2016, 33, 1641-1653. | 3.5 | 18 |
| 107 | Dynamic Evolution of De Novo DNA Methyltransferases in Rodent and Primate Genomes. Molecular Biology and Evolution, 2020, 37, 1882-1892. | 3.5 | 18 |
| 108 | Novel Classes and Evolutionary Turnover of Histone H2B Variants in the Mammalian Germline. Molecular Biology and Evolution, 2022, 39, . | 3.5 | 18 |

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| 109 | Birth, Death, and Replacement of Karyopherins in Drosophila. Molecular Biology and Evolution, 2012, 29, 1429-1440. | 3.5 | 17 |
| 110 | Mitotic fidelity requires transgenerational action of a testis-restricted HP1. ELife, 2015, 4, e07378. | 2.8 | 17 |
| 111 | EvoChromo: towards a synthesis of chromatin biology and evolution. Development (Cambridge), 2019, 146, . | 1.2 | 16 |
| 112 | Chromosome Segregation: Human Female Meiosis Breaks All the Rules. Current Biology, 2015, 25, R654-R656. | 1.8 | 15 |
| 113 | Microbial Genomics: The Expanding Universe ofÂBacterial Defense Systems. Current Biology, 2018, 28, R361-R364. | 1.8 | 14 |
| 114 | Combinatorial mutagenesis of rapidly evolving residues yields super-restrictor antiviral proteins. PLoS Biology, 2019, 17, e3000181. | 2.6 | 13 |
| 115 | Biparental contributions of the H2A.B histone variant control embryonic development in mice. PLoS Biology, 2020, 18, e3001001. | 2.6 | 13 |
| 116 | The novel anti-CRISPR AcrIIA22 relieves DNA torsion in target plasmids and impairs SpyCas9 activity. PLoS Biology, 2021, 19, e3001428. | 2.6 | 13 |
| 117 | Ancient Coretention of Paralogs of Cid Centromeric Histones and Cal1 Chaperones in Mosquito Species. Molecular Biology and Evolution, 2020, 37, 1949-1963. | 3.5 | 11 |
| 118 | Density-dependent resistance protects Legionella pneumophila from its own antimicrobial metabolite, HGA. ELife, 2019, 8, . | 2.8 | 11 |
| 119 | A Surrogate Approach to Study the Evolution of Noncoding DNA Elements That Organize Eukaryotic Genomes. Journal of Heredity, 2009, 100, 624-636. | 1.0 | 10 |
| 120 | Genetic Conflicts: Stronger Centromeres Win Tug-of-War in Female Meiosis. Current Biology, 2014, 24, R966-R968. | 1.8 | 10 |
| 121 | Hybridization promotes asexual reproduction in Caenorhabditis nematodes. PLoS Genetics, 2019, 15, e1008520. | 1.5 | 10 |
| 122 | A Burst of Genetic Innovation in Drosophila Actin-Related Proteins for Testis-Specific Function. Molecular Biology and Evolution, 2020, 37, 757-772. | 3.5 | 10 |
| 123 | Ten-Kilodalton Domain in Ty3 Gag3-Pol3p between PR and RT Is Dispensable for Ty3 Transposition. Journal of Virology, 2001, 75, 1557-1560. | 1.5 | 9 |
| 124 | Mobile genetic elements and genome evolution 2014. Mobile DNA, 2014, 5, 26. | 1.3 | 9 |
| 125 | Did a Single Amino Acid Change Make Ebola Virus More Virulent?. Cell, 2016, 167, 892-894. | 13.5 | 9 |
| 126 | Speciation and Centromere Evolution. Science, 2001, 294, 2478-2480. | 6.0 | 8 |

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| 127 | Learning to Protect Your Genome on the Fly. Cell, 2011, 147, 1440-1441. | 13.5 | 8 |
| 128 | Gametic specialization of centromeric histone paralogs in <i>Drosophila virilis</i>. Life Science Alliance, 2021, 4, e202000992. | 1.3 | 7 |
| 129 | How a Virus Blocks a Cellular Emergency Access Lane to the Nucleus, STAT!. Cell Host and Microbe, 2014, 16, 150-152. | 5.1 | 6 |
| 130 | Kindr Motors Drive in Meiosis. Cell, 2018, 173, 813-815. | 13.5 | 6 |
| 131 | A hitchhiker's guide to survival finally makes CENs. Journal of Cell Biology, 2006, 174, 747-749. | 2.3 | 5 |
| 132 | Diamonds and rust: how transposable elements influence mammalian genomes. EMBO Reports, 2009, 10, 1306-1310. | 2.0 | 5 |
| 133 | Culture shock. ELife, 2017, 6, . | 2.8 | 5 |
| 134 | A rapidly evolving genomic toolkit for<i>Drosophila</i>heterochromatin. Fly, 2013, 7, 137-141. | 0.9 | 4 |
| 135 | A Diversified Portfolio. Annual Review of Virology, 2016, 3, vi-viii. | 3.0 | 4 |
| 136 | An actin-related protein that is most highly expressed in Drosophila testes is critical for embryonic development. ELife, 2021, 10, . | 2.8 | 4 |
| 137 | A natural variant of the essential host gene MMS21 restricts the parasitic 2-micron plasmid in Saccharomyces cerevisiae. ELife, 2020, 9, . | 2.8 | 4 |
| 138 | Molecular Evolution of Drosophilacdc6, an Essential DNA Replication-Licensing Gene, Suggests an Adaptive Choice of Replication Origins. Fly, 2007, 1, 155-163. | 0.9 | 3 |
| 139 | Speciation via Autoimmunity: A Dangerous Mix. Cell, 2014, 159, 1247-1249. | 13.5 | 3 |
| 140 | Waddington Redux: <i>De Novo</i> Mutations Underlie the Genetic Assimilation of Stress-Induced Phenocopies in <i>Drosophila melanogaster</i>. Genetics, 2017, 207, 49-51. | 1.2 | 2 |
| 141 | A balancing act between primate lentiviruses and their receptor. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 2 |
| 142 | Rapid evolution of centromeres and centromeric/kinetochore proteins. , 2012, , 83-93. | | 2 |
| 143 | Evolution of TRIM antiviral genes in primate genomes. Retrovirology, 2009, 6, . | 0.9 | 1 |
| 144 | R2d2 and Hyperdrive Mechanisms (in Mouse Meiosis). PLoS Genetics, 2015, 11, e1004950. | 1.5 | 1 |

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| 145 | Genetics: Master Regulator or Master of Disguise?. Current Biology, 2017, 27, R844-R847. | 1.8 | 1 |
| 146 | The PLOS Biology XV Collection: 15 Years of Exceptional Science Highlighted across 12 Months. PLoS Biology, 2019, 17, e3000180. | 2.6 | 1 |
| 147 | Meiosis: How Gambling Chromosomes Beat the Rules. Current Biology, 2019, 29, R1247-R1248. | 1.8 | 1 |
| 148 | Putting the brakes on centromere drive in Mimulus. PLoS Genetics, 2021, 17, e1009494. | 1.5 | 1 |
| 149 | LINE-1 Retroelements Get ZAPped!. PLoS Genetics, 2015, 11, e1005364. | 1.5 | 1 |
| 150 | Mobile DNA: an evolving field. Mobile DNA, 2014, 5, 16. | 1.3 | 0 |
| 151 | Harmit Malik. Current Biology, 2020, 30, R98-R100. | 1.8 | 0 |
| 152 | Biparental contributions of the H2A.B histone variant control embryonic development in mice. , 2020, 18, e3001001. | | 0 |
| 153 | Biparental contributions of the H2A.B histone variant control embryonic development in mice. , 2020, 18, e3001001. | | 0 |
| 154 | Biparental contributions of the H2A.B histone variant control embryonic development in mice. , 2020, 18, e3001001. | | 0 |
| 155 | Biparental contributions of the H2A.B histone variant control embryonic development in mice. , 2020, 18, e3001001. | | 0 |
| 156 | Biparental contributions of the H2A.B histone variant control embryonic development in mice. , 2020, 18, e3001001. | | 0 |
| 157 | Biparental contributions of the H2A.B histone variant control embryonic development in mice. , 2020, 18, e3001001. | | 0 |