# Adele L Marston

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4117925/publications.pdf

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|---|---|---|---|
| 55<br>papers | 3,378<br>citations | 201674<br>27<br>h-index | 214800<br>47<br>g-index |
| 81<br>all docs | 81<br>docs citations | 81<br>times ranked | 3096<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Eco1-dependent cohesin acetylation anchors chromatin loops and cohesion to define functional meiotic chromosome domains. ELife, 2022, 11, . | 6.0 | 14 |
| 2 | The Proteomic Landscape of Centromeric Chromatin Reveals an Essential Role for the Ctf19CCAN Complex in Meiotic Kinetochore Assembly. Current Biology, 2021, 31, 283-296.e7. | 3.9 | 14 |
| 3 | SUMOylation stabilizes sister kinetochore biorientation to allow timely anaphase. Journal of Cell Biology, 2021, 220, . | 5.2 | 5 |
| 4 | Angelika Amon (1967â€“2020): Breakthrough scientist, extraordinary mentor, and loyal friend. Journal of Cell Biology, 2021, 220, . | 5.2 | 0 |
| 5 | A SUMOylation wave to anchor the genome. Journal of Cell Biology, 2021, 220, . | 5.2 | 1 |
| 6 | Meiosis I Kinase Regulators: Conserved Orchestrators of Reductional Chromosome Segregation. BioEssays, 2020, 42, e2000018. | 2.5 | 7 |
| 7 | A dCas9-Based System Identifies a Central Role for Ctf19 in Kinetochore-Derived Suppression of Meiotic Recombination. Genetics, 2020, 216, 395-408. | 2.9 | 8 |
| 8 | Evolutionary repair: Changes in multiple functional modules allow meiotic cohesin to support mitosis. PLoS Biology, 2020, 18, e3000635. | 5.6 | 15 |
| 9 | Convergent genes shape budding yeast pericentromeres. Nature, 2020, 582, 119-123. | 27.8 | 50 |
| 10 | Title is missing!. , 2020, 18, e3000635. | | 0 |
| 11 | Title is missing!. , 2020, 18, e3000635. | | 0 |
| 12 | Title is missing!. , 2020, 18, e3000635. | | 0 |
| 13 | Title is missing!. , 2020, 18, e3000635. | | 0 |
| 14 | The molecular basis of monopolin recruitment to the kinetochore. Chromosoma, 2019, 128, 331-354. | 2.2 | 17 |
| 15 | Analysis of the Chromosomal Localization of Yeast SMC Complexes by Chromatin Immunoprecipitation. Methods in Molecular Biology, 2019, 2004, 119-138. | 0.9 | 6 |
| 16 | Reductional Meiosis I Chromosome Segregation Is Established by Coordination of Key Meiotic Kinases. Developmental Cell, 2019, 49, 526-541.e5. | 7.0 | 29 |
| 17 | Spo13 prevents premature cohesin cleavage during meiosis. Wellcome Open Research, 2019, 4, 29. | 1.8 | 9 |
| 18 | Spo13 prevents premature cohesin cleavage during meiosis. Wellcome Open Research, 2019, 4, 29. | 1.8 | 14 |

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|---|---|---|---|
| 19 | Genes Important for Schizosaccharomyces pombe Meiosis Identified Through a Functional Genomics Screen. Genetics, 2018, 208, 589-603. | 2.9 | 23 |
| 20 | Cohesin and chromosome segregation. Current Biology, 2018, 28, R688-R693. | 3.9 | 41 |
| 21 | Deep functional analysis of synII, a 770-kilobase synthetic yeast chromosome. Science, 2017, 355, . | 12.6 | 163 |
| 22 | The Kinetochore Receptor for the Cohesin Loading Complex. Cell, 2017, 171, 72-84.e13. | 28.9 | 88 |
| 23 | A Functional Link Between Bir1 and the Saccharomyces cerevisiae Ctf19 Kinetochore Complex Revealed Through Quantitative Fitness Analysis. G3: Genes, Genomes, Genetics, 2017, 7, 3203-3215. | 1.8 | 5 |
| 24 | Cdc14 phosphatase directs centrosome re-duplication at the meiosis I to meiosis II transition in budding yeast. Wellcome Open Research, 2017, 2, 2. | 1.8 | 20 |
| 25 | Multiple Duties for Spindle Assembly Checkpoint Kinases in Meiosis. Frontiers in Cell and Developmental Biology, 2017, 5, 109. | 3.7 | 59 |
| 26 | Dalmatian: spotting the difference in cohesin protectors. EMBO Journal, 2017, 36, 1468-1470. | 7.8 | 1 |
| 27 | From equator to pole: splitting chromosomes in mitosis and meiosis. Genes and Development, 2015, 29, 109-122. | 5.9 | 82 |
| 28 | Shugoshins: Tension-Sensitive Pericentromeric Adaptors Safeguarding Chromosome Segregation. Molecular and Cellular Biology, 2015, 35, 634-648. | 2.3 | 82 |
| 29 | Structural evidence for Scc4-dependent localization of cohesin loading. ELife, 2015, 4, e06057. | 6.0 | 69 |
| 30 | The kinetochore prevents centromere-proximal crossover recombination during meiosis. ELife, 2015, 4, . | 6.0 | 108 |
| 31 | Chromosome Segregation in Budding Yeast: Sister Chromatid Cohesion and Related Mechanisms. Genetics, 2014, 196, 31-63. | 2.9 | 84 |
| 32 | Tension-dependent removal of pericentromeric shugoshin is an indicator of sister chromosome biorientation. Genes and Development, 2014, 28, 1291-1309. | 5.9 | 65 |
| 33 | Sister kinetochores are mechanically fused during meiosis I in yeast. Science, 2014, 346, 248-251. | 12.6 | 68 |
| 34 | Direct Evidence for Sister Kinetochore Fusion in Meiosis I. Biophysical Journal, 2014, 106, 637a. | 0.5 | 0 |
| 35 | Shugoshin biases chromosomes for biorientation through condensin recruitment to the pericentromere. ELife, 2014, 3, e01374. | 6.0 | 74 |
| 36 | Cohesin-Dependent Association of Scc2/4 with the Centromere Initiates Pericentromeric Cohesion Establishment. Current Biology, 2013, 23, 599-606. | 3.9 | 92 |

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|---|---|---|---|
| 37 | A JARID Family Demethylase Controls Differentiation Timing through Global Effects on Transcription. Molecular Cell, 2012, 48, 489-490. | 9.7 | 2 |
| 38 | Cdc55 coordinates spindle assembly and chromosome disjunction during meiosis. Journal of Cell Biology, 2011, 193, 1213-1228. | 5.2 | 28 |
| 39 | The Role of Shugoshin in Meiotic Chromosome Segregation. Cytogenetic and Genome Research, 2011, 133, 234-242. | 1.1 | 49 |
| 40 | Shugoshin prevents cohesin cleavage by PP2A<sup>Cdc55</sup>-dependent inhibition of separase. Genes and Development, 2009, 23, 766-780. | 5.9 | 59 |
| 41 | Establishment of Cohesion at the Pericentromere by the Ctf19 Kinetochore Subcomplex and the Replication Fork-Associated Factor, Csm3. PLoS Genetics, 2009, 5, e1000629. | 3.5 | 87 |
| 42 | Meiosis: DDK Is Not Just for Replication. Current Biology, 2009, 19, R74-R76. | 3.9 | 25 |
| 43 | Roles of Centromeres and Kinetochores in Meiosis. , 2009, , 1-37. | | 0 |
| 44 | Shugoshin Promotes Sister Kinetochore Biorientation inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2008, 19, 1199-1209. | 2.1 | 43 |
| 45 | From a to Î±. Yeast as a Model for Cellular Differentiation. H. Madhani. Cold Spring Harbor Laboratory Press. 2007. 108 pages. ISBN-13 978-087969738-9. ISBN-10 087969738-5. Price $39. (paperback). Genetical Research, 2007, 89, 61-61. | 0.9 | 0 |
| 46 | The core centromere and Sgo1 establish a 50-kb cohesin-protected domain around centromeres during meiosis I. Genes and Development, 2005, 19, 3017-3030. | 5.9 | 87 |
| 47 | A Genome-Wide Screen Identifies Genes Required for Centromeric Cohesion. Science, 2004, 303, 1367-1370. | 12.6 | 252 |
| 48 | Meiosis: cell-cycle controls shuffle and deal. Nature Reviews Molecular Cell Biology, 2004, 5, 983-997. | 37.0 | 293 |
| 49 | The Cdc14 Phosphatase and the FEAR Network Control Meiotic Spindle Disassembly and Chromosome Segregation. Developmental Cell, 2003, 4, 711-726. | 7.0 | 118 |
| 50 | A localized GTPase exchange factor, Bud5, determines the orientation of division axes in yeast. Current Biology, 2001, 11, 803-807. | 3.9 | 54 |
| 51 | Selection of the midcell division site in Bacillus subtilis through MinD-dependent polar localization and activation of MinC. Molecular Microbiology, 1999, 33, 84-96. | 2.5 | 181 |
| 52 | Dynamic Movement of the ParA-like Soj Protein of B. subtilis and Its Dual Role in Nucleoid Organization and Developmental Regulation. Molecular Cell, 1999, 4, 673-682. | 9.7 | 186 |
| 53 | GFP vectors for controlled expression and dual labelling of protein fusions in Bacillus subtilis. Gene, 1999, 227, 101-109. | 2.2 | 234 |
| 54 | Polar localization of the MinD protein of Bacillus subtilis and its role in selection of the mid-cell division site. Genes and Development, 1998, 12, 3419-3430. | 5.9 | 332 |

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| 55 | Cdc14 phosphatase directs centrosome re-duplication at the meiosis I to meiosis II transition in budding yeast. Wellcome Open Research, 0, 2, 2. | 1.8 | 9 |