

Heñ di Serra

List of Publications by Year in descending order

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12
papers

729
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1040018

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868
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Nucleosomes and DNA methylation shape meiotic DSB frequency in <i>Arabidopsis thaliana</i> transposons and gene regulatory regions. <i>Genome Research</i> , 2018, 28, 532-546. | 5.5 | 190 |
| 2 | Epigenetic activation of meiotic recombination near <i>Arabidopsis thaliana</i> centromeres via loss of H3K9me2 and non-CG DNA methylation. <i>Genome Research</i> , 2018, 28, 519-531. | 5.5 | 138 |
| 3 | Massive crossover elevation via combination of <i>HEI10</i> and <i>recq4a recq4b</i> during <i>Arabidopsis</i> meiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2437-2442. | 7.1 | 107 |
| 4 | Recombination Rate Heterogeneity within <i>Arabidopsis</i> Disease Resistance Genes. <i>PLoS Genetics</i> , 2016, 12, e1006179. | 3.5 | 94 |
| 5 | Roles of XRCC2, RAD51B and RAD51D in RAD51-Independent SSA Recombination. <i>PLoS Genetics</i> , 2013, 9, e1003971. | 3.5 | 59 |
| 6 | Ph2 encodes the mismatch repair protein MSH7-3D that inhibits wheat homoeologous recombination. <i>Nature Communications</i> , 2021, 12, 803. | 12.8 | 49 |
| 7 | Interhomolog polymorphism shapes meiotic crossover within the <i>Arabidopsis</i> RAC1 and RPP13 disease resistance genes. <i>PLoS Genetics</i> , 2018, 14, e1007843. | 3.5 | 30 |
| 8 | Natural variation identifies SNI1, the SMC5/6 component, as a modifier of meiotic crossover in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 16 |
| 9 | The Structure-Specific Endonucleases MUS81 and SEND1 Are Essential for Telomere Stability in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2016, 28, 74-86. | 6.6 | 15 |
| 10 | Development of Deletion Lines for Chromosome 3D of Bread Wheat. <i>Frontiers in Plant Science</i> , 2020, 10, 1756. | 3.6 | 10 |
| 11 | Quantification and Sequencing of Crossover Recombinant Molecules from <i>Arabidopsis</i> Pollen DNA. <i>Methods in Molecular Biology</i> , 2017, 1551, 23-57. | 0.9 | 10 |
| 12 | Generation of Deletion Lines in Allohexaploid Bread Wheat. <i>Methods in Molecular Biology</i> , 2022, 2484, 183-199. | 0.9 | 0 |