

# Xiaohui Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2357223/publications.pdf>

Version: 2024-02-01

16  
papers

1,441  
citations

687363

13  
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940533

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20  
all docs

20  
docs citations

20  
times ranked

1981  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | HIGH CROSSOVER RATE1 encodes PROTEIN PHOSPHATASE X1 and restricts meiotic crossovers in Arabidopsis. Nature Plants, 2021, 7, 452-467.  | 9.3  | 25        |
| 2  | Menstrual flow as a non-invasive source of endometrial organoids. Communications Biology, 2021, 4, 651.  | 4.4  | 40        |
| 3  | Placental secretome characterization identifies candidates for pregnancy complications. Communications Biology, 2021, 4, 701.  | 4.4  | 18        |
| 4  | Defective folate metabolism causes germline epigenetic instability and distinguishes Hira as a phenotype inheritance biomarker. Nature Communications, 2021, 12, 3714.                         | 12.8 | 12        |
| 5  | Phenotypic and functional characterization of first-trimester human placental macrophages, Hofbauer cells. Journal of Experimental Medicine, 2021, 218, .                                      | 8.5  | 98        |
| 6  | Thyroid Deficiency Before Birth Alters the Adipose Transcriptome to Promote Overgrowth of White Adipose Tissue and Impair Thermogenic Capacity. Thyroid, 2020, 30, 794-805.                    | 4.5  | 10        |
| 7  | Interacting Genomic Landscapes of REC8-Cohesin, Chromatin, and Meiotic Recombination in Arabidopsis. Plant Cell, 2020, 32, 1218-1239.  | 6.6  | 57        |
| 8  | Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. European Heart Journal, 2019, 40, 621-631. | 2.2  | 97        |
| 9  | Nucleosomes and DNA methylation shape meiotic DSB frequency in <i>Arabidopsis thaliana</i> transposons and gene regulatory regions. Genome Research, 2018, 28, 532-546.                        | 5.5  | 190       |
| 10 | Epigenetic activation of meiotic recombination near <i>Arabidopsis thaliana</i> centromeres via loss of H3K9me2 and non-CG DNA methylation. Genome Research, 2018, 28, 519-531.                | 5.5  | 138       |
| 11 | Interhomolog polymorphism shapes meiotic crossover within the Arabidopsis RAC1 and RPP13 disease resistance genes. PLoS Genetics, 2018, 14, e1007843.  | 3.5  | 30        |
| 12 | Recombination Rate Heterogeneity within Arabidopsis Disease Resistance Genes. PLoS Genetics, 2016, 12, e1006179.   | 3.5  | 94        |
| 13 | DNA methylation epigenetically silences crossover hot spots and controls chromosomal domains of meiotic recombination in <i>Arabidopsis</i> . Genes and Development, 2015, 29, 2183-2202.      | 5.9  | 160       |
| 14 | Juxtaposition of heterozygous and homozygous regions causes reciprocal crossover remodelling via interference during Arabidopsis meiosis. ELife, 2015, 4, .                                    | 6.0  | 97        |
| 15 | High-throughput analysis of meiotic crossover frequency and interference via flow cytometry of fluorescent pollen in Arabidopsis thaliana. Nature Protocols, 2013, 8, 2119-2134.               | 12.0 | 44        |
| 16 | Arabidopsis meiotic crossover hot spots overlap with H2A.Z nucleosomes at gene promoters. Nature Genetics, 2013, 45, 1327-1336.  | 21.4 | 321       |