

Helena Oakey

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,242
citations

623734

14
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1954
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Effect of Treatment of Gestational Diabetes Mellitus on Obesity in the Next Generation. <i>Diabetes Care</i> , 2010, 33, 964-968. | 8.6 | 224 |
| 2 | Salinity tolerance loci revealed in rice using high-throughput non-invasive phenotyping. <i>Nature Communications</i> , 2016, 7, 13342. | 12.8 | 218 |
| 3 | Joint modeling of additive and non-additive genetic line effects in single field trials. <i>Theoretical and Applied Genetics</i> , 2006, 113, 809-819. | 3.6 | 170 |
| 4 | Yield-related salinity tolerance traits identified in a nested association mapping (NAM) population of wild barley. <i>Scientific Reports</i> , 2016, 6, 32586. | 3.3 | 118 |
| 5 | The effect of temperature on the male and female recombination landscape of barley. <i>New Phytologist</i> , 2015, 208, 421-429. | 7.3 | 105 |
| 6 | The Synaptonemal Complex Protein ZYP1 Is Required for Imposition of Meiotic Crossovers in Barley. <i>Plant Cell</i> , 2014, 26, 729-740. | 6.6 | 88 |
| 7 | Joint modeling of additive and non-additive (genetic line) effects in multi-environment trials. <i>Theoretical and Applied Genetics</i> , 2007, 114, 1319-1332. | 3.6 | 70 |
| 8 | Maternal and neonatal outcomes following induction of labor: a cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 198-203. | 2.8 | 43 |
| 9 | RNAi suppression of barley caffeic acid O-methyltransferase modifies lignin despite redundancy in the gene family. <i>Plant Biotechnology Journal</i> , 2019, 17, 594-607. | 8.3 | 37 |
| 10 | Quinoa Phenotyping Methodologies: An International Consensus. <i>Plants</i> , 2021, 10, 1759. | 3.5 | 24 |
| 11 | Type 1 diabetes in pregnancy is associated with distinct changes in the composition and function of the gut microbiome. <i>Microbiome</i> , 2021, 9, 167. | 11.1 | 23 |
| 12 | Genetic mapping of the early responses to salt stress in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2021, 107, 544-563. | 5.7 | 22 |
| 13 | Barley sodium content is regulated by natural variants of the Na ⁺ transporter HvHKT1;5. <i>Communications Biology</i> , 2020, 3, 258. | 4.4 | 21 |
| 14 | High-throughput 3D modelling to dissect the genetic control of leaf elongation in barley (<i>Hordeum vulgare</i>). <i>Plant Journal</i> , 2019, 98, 555-570. | 5.7 | 20 |
| 15 | Stimulation of homologous recombination in plants expressing heterologous recombinases. <i>BMC Plant Biology</i> , 2020, 20, 336. | 3.6 | 11 |
| 16 | Optimization of Blood Handling and Peripheral Blood Mononuclear Cell Cryopreservation of Low Cell Number Samples. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9129. | 4.1 | 9 |
| 17 | Changes in pancreatic exocrine function in young at-risk children followed to islet autoimmunity and type 1 diabetes in the ENDIA study. <i>Pediatric Diabetes</i> , 2020, 21, 945-949. | 2.9 | 9 |
| 18 | Association mapping identifies quantitative trait loci (QTL) for digestibility in rice straw. <i>Biotechnology for Biofuels</i> , 2020, 13, 165. | 6.2 | 7 |

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|----|---|-----|-----------|
| 19 | Women with type 1 diabetes exhibit a progressive increase in gut <i>Saccharomyces cerevisiae</i> in pregnancy associated with evidence of gut inflammation. <i>Diabetes Research and Clinical Practice</i> , 2022, 184, 109189. | 2.8 | 6 |
| 20 | Assessing Rice Salinity Tolerance: From Phenomics to Association Mapping. <i>Methods in Molecular Biology</i> , 2021, 2238, 339-375. | 0.9 | 4 |
| 21 | Within-breed selection is sufficient to improve terminal crossbred beef marbling: a review of reciprocal recurrent genomic selection. <i>Animal Production Science</i> , 2021, , . | 1.3 | 3 |
| 22 | Evaluation of protocol amendments to the Environmental Determinants of Islet Autoimmunity (ENDIA) study during the COVID-19 pandemic. <i>Diabetic Medicine</i> , 2021, 38, e14638. | 2.3 | 2 |
| 23 | A Long-Term Evaluation of Facebook for Recruitment and Retention in the ENDIA Type 1 Diabetes Pregnancy-Birth Cohort Study. <i>Journal of Diabetes Science and Technology</i> , 2023, 17, 696-704. | 2.2 | 2 |
| 24 | Comparison of Methods to Select Candidates for High-Density Genotyping: Practical Observations in a Cattle Breeding Program. <i>Agriculture (Switzerland)</i> , 2022, 12, 276. | 3.1 | 2 |