

Anna O Avrova

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,790
citations

430874

18
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

3264
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Genome-Wide Association Study for Resistance to Rhynchosporium in a Diverse Collection of Spring Barley Germplasm. <i>Agronomy</i> , 2022, 12, 782. | 3.0 | 2 |
| 2 | Secreted pectin monooxygenases drive plant infection by pathogenic oomycetes. <i>Science</i> , 2021, 373, 774-779. | 12.6 | 106 |
| 3 | Characterisation of barley landraces from Syria and Jordan for resistance to rhynchosporium and identification of diagnostic markers for Rrs1Rh4. <i>Theoretical and Applied Genetics</i> , 2020, 133, 1243-1264. | 3.6 | 7 |
| 4 | Characterisation of barley resistance to rhynchosporium on chromosome 6HS. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1089-1107. | 3.6 | 13 |
| 5 | Resistance to Rhynchosporium commune in a collection of European spring barley germplasm. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2513-2528. | 3.6 | 17 |
| 6 | A new proteinaceous pathogen-associated molecular pattern (<sc>PAMP</sc>) identified in Ascomycete fungi induces cell death in Solanaceae. <i>New Phytologist</i> , 2017, 214, 1657-1672. | 7.3 | 55 |
| 7 | Comparative genomics to explore phylogenetic relationship, cryptic sexual potential and host specificity of Rhynchosporium species on grasses. <i>BMC Genomics</i> , 2016, 17, 953. | 2.8 | 33 |
| 8 | Fragmentation of tRNA in Phytophthora infestans asexual life cycle stages and during host plant infection. <i>BMC Microbiology</i> , 2014, 14, 308. | 3.3 | 24 |
| 9 | Phenotypic diversification by gene silencing in <i>Phytophthora</i> plant pathogens. <i>Communicative and Integrative Biology</i> , 2013, 6, e25890. | 1.4 | 9 |
| 10 | Control of foliar diseases in barley: towards an integrated approach. <i>European Journal of Plant Pathology</i> , 2012, 133, 33-73. | 1.7 | 73 |
| 11 | <i>Rhynchosporium commune</i>: a persistent threat to barley cultivation. <i>Molecular Plant Pathology</i> , 2012, 13, 986-997. | 4.2 | 56 |
| 12 | Evidence for Small RNAs Homologous to Effector-Encoding Genes and Transposable Elements in the Oomycete Phytophthora infestans. <i>PLoS ONE</i> , 2012, 7, e51399. | 2.5 | 79 |
| 13 | Silencing of the PiAvr3a effector-encoding gene from Phytophthora infestans by transcriptional fusion to a short interspersed element. <i>Fungal Biology</i> , 2011, 115, 1225-1233. | 2.5 | 18 |
| 14 | Evidence for involvement of Dicer-like, Argonaute and histone deacetylase proteins in gene silencing in <i>Phytophthora infestans</i>. <i>Molecular Plant Pathology</i> , 2011, 12, 772-785. | 4.2 | 64 |
| 15 | Genome sequence and analysis of the Irish potato famine pathogen Phytophthora infestans. <i>Nature</i> , 2009, 461, 393-398. | 27.8 | 1,405 |
| 16 | A novel <i>Phytophthora infestans</i> haustorium-specific membrane protein is required for infection of potato. <i>Cellular Microbiology</i> , 2008, 10, 2271-2284. | 2.1 | 87 |
| 17 | Cellulose Synthesis in <i>Phytophthora infestans</i> Is Required for Normal Appressorium Formation and Successful Infection of Potato. <i>Plant Cell</i> , 2008, 20, 720-738. | 6.6 | 133 |
| 18 | Plasmodium falciparum and Hyaloperonospora parasitica effector translocation motifs are functional in Phytophthora infestans. <i>Microbiology (United Kingdom)</i> , 2008, 154, 3743-3751. | 1.8 | 94 |

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|----|---|------|-----------|
| 19 | A novel non-protein-coding infection-specific gene family is clustered throughout the genome of <i>Phytophthora infestans</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 747-759. | 1.8 | 27 |
| 20 | A translocation signal for delivery of oomycete effector proteins into host plant cells. <i>Nature</i> , 2007, 450, 115-118. | 27.8 | 760 |
| 21 | A method for double-stranded RNA-mediated transient gene silencing in <i>Phytophthora infestans</i> . <i>Molecular Plant Pathology</i> , 2005, 6, 153-163. | 4.2 | 108 |
| 22 | An ancestral oomycete locus contains late blight avirulence gene <i>Avr3a</i> , encoding a protein that is recognized in the host cytoplasm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7766-7771. | 7.1 | 414 |
| 23 | Elevated amino acid biosynthesis in <i>Phytophthora infestans</i> during appressorium formation and potato infection. <i>Fungal Genetics and Biology</i> , 2005, 42, 244-256. | 2.1 | 110 |
| 24 | Profiling and quantifying differential gene transcription in <i>Phytophthora infestans</i> prior to and during the early stages of potato infection. <i>Fungal Genetics and Biology</i> , 2003, 40, 4-14. | 2.1 | 92 |
| 25 | Gene Expression Profiling. , 0, , 477-492. | | 0 |