

Charles Addo-Quaye

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7467422/publications.pdf>

Version: 2024-02-01

19
papers

3,635
citations

759233

12
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

4914
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Evolutionary and Biomedical Insights from the Rhesus Macaque Genome. <i>Science</i> , 2007, 316, 222-234. | 12.6 | 1,283 |
| 2 | Endogenous siRNA and miRNA Targets Identified by Sequencing of the Arabidopsis Degradome. <i>Current Biology</i> , 2008, 18, 758-762. | 3.9 | 749 |
| 3 | CleaveLand: a pipeline for using degradome data to find cleaved small RNA targets. <i>Bioinformatics</i> , 2009, 25, 130-131. | 4.1 | 642 |
| 4 | Transcriptome-wide identification of microRNA targets in rice. <i>Plant Journal</i> , 2010, 62, 742-759. | 5.7 | 370 |
| 5 | Sliced microRNA targets and precise loop-first processing of <i>MIR319</i> hairpins revealed by analysis of the <i>Physcomitrella patens</i> degradome. <i>Rna</i> , 2009, 15, 2112-2121. | 3.5 | 186 |
| 6 | Thermal-Aware Floorplanning Using Genetic Algorithms. , 0, , . | | 73 |
| 7 | <i>Physcomitrella patens</i> DCL3 Is Required for 22-24 nt siRNA Accumulation, Suppression of Retrotransposon-Derived Transcripts, and Normal Development. <i>PLoS Genetics</i> , 2008, 4, e1000314. | 3.5 | 68 |
| 8 | Thermal-aware IP virtualization and placement for networks-on-chip architecture. , 0, , . | | 54 |
| 9 | Expression of Small RNA in <i>Aphis gossypii</i> and Its Potential Role in the Resistance Interaction with Melon. <i>PLoS ONE</i> , 2012, 7, e48579. | 2.5 | 40 |
| 10 | miRNA-mediated auxin signalling repression during <i>Vat</i> -mediated aphid resistance in <i>Cucumis melo</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 1216-1227. | 5.7 | 34 |
| 11 | Forward Genetics by Sequencing EMS Variation-Induced Inbred Lines. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 413-425. | 1.8 | 33 |
| 12 | Whole-Genome Sequence Accuracy Is Improved by Replication in a Population of Mutagenized Sorghum. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1079-1094. | 1.8 | 33 |
| 13 | New Alleles of <i>FAD3A</i> Lower the Linolenic Acid Content of Soybean Seeds. <i>Crop Science</i> , 2018, 58, 713-718. | 1.8 | 18 |
| 14 | Genome-wide association study identifies a major gene for beech bark disease resistance in American beech (<i>Fagus grandifolia</i> Ehrh.). <i>BMC Genomics</i> , 2017, 18, 547. | 2.8 | 15 |
| 15 | A reference genome assembly and adaptive trait analysis of <i>Castanea mollissima</i> 'Vanuxem', a source of resistance to chestnut blight in restoration breeding. <i>Tree Genetics and Genomes</i> , 2020, 16, 1. | 1.6 | 14 |
| 16 | Mutation of the nuclear pore complex component, <i>aladin1</i> , disrupts asymmetric cell division in <i>Zea mays</i> (maize). <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, . | 1.8 | 8 |
| 17 | Re-Evaluation of Reportedly Metal Tolerant Arabidopsis thaliana Accessions. <i>PLoS ONE</i> , 2016, 11, e0130679. | 2.5 | 7 |
| 18 | Mutations in sorghum SBEIIb and SSIIa affect alkali spreading value, starch composition, thermal properties and flour viscosity. <i>Theoretical and Applied Genetics</i> , 2019, 132, 3357-3374. | 3.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Systematic prediction of EMS-induced mutations in a sorghum mutant population. <i>Plant Direct</i> , 2022, 6, | 1.9 | 3 |