# Moussa Benhamed

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3696378/publications.pdf

Version: 2024-02-01

| 62 | 7,737 | 117625 | 128289 |
|---|---|---|---|
| papers | citations | 34 h-index | 60 g-index |

| 70 | 70 | 70 | 9274 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cantaloupe melon genome reveals 3D chromatin features and structural relationship with the ancestral cucurbitaceae karyotype. IScience, 2022, 25, 103696. | 4.1 | 12 |
| 2 | The lncRNA MARS modulates the epigenetic reprogramming of the marneral cluster in response to ABA. Molecular Plant, 2022, 15, 840-856. | 8.3 | 25 |
| 3 | A hierarchical transcriptional network activates specific CDK inhibitors that regulate G2 to control cell size and number in Arabidopsis. Nature Communications, 2022, 13, 1660. | 12.8 | 22 |
| 4 | CmLHP1 proteins play a key role in plant development and sex determination in melon (Cucumis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 5.7 | 6 |
| 5 | The plant DNA polymerase theta is essential for the repair of replicationâ€associated DNA damage. Plant Journal, 2021, 106, 1197-1207. | 5.7 | 19 |
| 6 | Immunity onset alters plant chromatin and utilizes EDA16 to regulate oxidative homeostasis. PLoS Pathogens, 2021, 17, e1009572. | 4.7 | 10 |
| 7 | The lncRNA APOLO interacts with the transcription factor WRKY42 to trigger root hair cell expansion in response to cold. Molecular Plant, 2021, 14, 937-948. | 8.3 | 72 |
| 8 | New partners for old friends: Plant SWI/SNF complexes. Molecular Plant, 2021, 14, 870-872. | 8.3 | 4 |
| 9 | Polycomb-dependent differential chromatin compartmentalization determines gene coregulation in Arabidopsis. Genome Research, 2021, 31, 1230-1244. | 5.5 | 36 |
| 10 | Three bona fide plant-specific SAGA subunits and their regulatory function. Molecular Plant, 2021, 14, 1033-1035. | 8.3 | 0 |
| 11 | Histone modification ChIP-seq on Arabidopsis thaliana plantlets. Bio-protocol, 2021, 11, e4211. | 0.4 | 4 |
| 12 | DNA polymerase epsilon is required for heterochromatin maintenance in Arabidopsis. Genome Biology, 2020, 21, 283. | 8.8 | 14 |
| 13 | The Arabidopsis lnc<scp>RNA </scp><scp>ASCO</scp> modulates the transcriptome through interaction with splicing factors. EMBO Reports, 2020, 21, e48977. | 4.5 | 57 |
| 14 | Integrative genome-wide analysis reveals the role of WIP proteins in inhibition of growth and development. Communications Biology, 2020, 3, 239. | 4.4 | 16 |
| 15 | GCN5 modulates salicylic acid homeostasis by regulating H3K14ac levels at the 5â€² and 3â€² ends of its target genes. Nucleic Acids Research, 2020, 48, 5953-5966. | 14.5 | 44 |
| 16 | The matrix revolutions: towards the decoding of the plant chromatin three-dimensional reality. Journal of Experimental Botany, 2020, 71, 5129-5147. | 4.8 | 11 |
| 17 | R-Loop Mediated trans Action of the APOLO Long Noncoding RNA. Molecular Cell, 2020, 77, 1055-1065.e4. | 9.7 | 164 |
| 18 | Wheat chromatin architecture is organized in genome territories and transcription factories. Genome Biology, 2020, 21, 104. | 8.8 | 99 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A new role for histone demethylases in the maintenance of plant genome integrity. ELife, 2020, 9, . | 6.0 | 33 |
| 20 | The Polycomb protein <scp>LHP</scp>1 regulates Arabidopsis thaliana stress responses through the repression of the <scp>MYC</scp>2â€dependent branch of immunity. Plant Journal, 2019, 100, 1118-1131. | 5.7 | 52 |
| 21 | The Plant DNA Damage Response: Signaling Pathways Leading to Growth Inhibition and Putative Role in Response to Stress Conditions. Frontiers in Plant Science, 2019, 10, 653. | 3.6 | 137 |
| 22 | Thermopriming triggers splicing memory in Arabidopsis. Journal of Experimental Botany, 2018, 69, 2659-2675. | 4.8 | 119 |
| 23 | Splicing regulation by long noncoding RNAs. Nucleic Acids Research, 2018, 46, 2169-2184. | 14.5 | 226 |
| 24 | The Rosa genome provides new insights into the domestication of modern roses. Nature Genetics, 2018, 50, 772-777. | 21.4 | 344 |
| 25 | Profiling Developmentally and Environmentally Controlled Chromatin Reprogramming. Methods in Molecular Biology, 2018, 1675, 3-30. | 0.9 | 1 |
| 26 | Whole-genome landscape of Medicago truncatula symbiotic genes. Nature Plants, 2018, 4, 1017-1025. | 9.3 | 192 |
| 27 | Plant Immunity: From Signaling to Epigenetic Control of Defense. Trends in Plant Science, 2018, 23, 833-844. | 8.8 | 198 |
| 28 | Modify the Histone to Win the Battle: Chromatin Dynamics in Plantâ€“Pathogen Interactions. Frontiers in Plant Science, 2018, 9, 355. | 3.6 | 106 |
| 29 | The transcriptional landscape of polyploid wheat. Science, 2018, 361, . | 12.6 | 768 |
| 30 | Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, . | 12.6 | 2,424 |
| 31 | Ethylene induced plant stress tolerance by Enterobacter sp. SA187 is mediated by 2â€ketoâ€4â€methylthiobutyric acid production. PLoS Genetics, 2018, 14, e1007273. | 3.5 | 95 |
| 32 | Function of the Plant DNA Polymerase Epsilon in Replicative Stress Sensing, a Genetic Analysis. Plant Physiology, 2017, 173, 1735-1749. | 4.8 | 26 |
| 33 | Ploidy-dependent changes in the epigenome of symbiotic cells correlate with specific patterns of gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4543-4548. | 7.1 | 50 |
| 34 | The Mitochondrial DNA (mtDNA)-Associated Protein SWIB5 Influences mtDNA Architecture and Homologous Recombination. Plant Cell, 2017, 29, tpc.00899.2016. | 6.6 | 11 |
| 35 | Plant Epigenetics: Non-coding RNAs as Emerging Regulators. RNA Technologies, 2017, , 129-147. | 0.3 | 0 |
| 36 | Sex Determination in Cucumis. Plant Genetics and Genomics: Crops and Models, 2017, , 307-319. | 0.3 | 5 |

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|---|---|---|---|
| 37 | Plant-Specific Histone Deacetylases HDT1/2 Regulate GIBBERELLIN 2-OXIDASE2 Expression to Control Arabidopsis Root Meristem Cell Number. Plant Cell, 2017, 29, 2183-2196. | 6.6 | 69 |
| 38 | Arabidopsis ATRX Modulates H3.3 Occupancy and Fine-Tunes Gene Expression. Plant Cell, 2017, 29, 1773-1793. | 6.6 | 35 |
| 39 | Herboxidiene triggers splicing repression and abiotic stress responses in plants. BMC Genomics, 2017, 18, 260. | 2.8 | 31 |
| 40 | The Arabidopsis SWI/SNF protein BAF60 mediates seedling growth control by modulating DNA accessibility. Genome Biology, 2017, 18, 114. | 8.8 | 53 |
| 41 | The quest for epigenetic regulation underlying unisexual flower development in Cucumis melo. Epigenetics and Chromatin, 2017, 10, 22. | 3.9 | 27 |
| 42 | MAPK-triggered chromatin reprogramming by histone deacetylase in plant innate immunity. Genome Biology, 2017, 18, 131. | 8.8 | 73 |
| 43 | Put your 3D glasses on: plant chromatin is on show. Journal of Experimental Botany, 2016, 67, 3205-3221. | 4.8 | 59 |
| 44 | Chromatin architecture: A new dimension in the dynamic control of gene expression. Plant Signaling and Behavior, 2016, 11, e1232224. | 2.4 | 1 |
| 45 | Chloroplast Activity and 3â€²phosphadenosine 5â€²phosphate Signaling Regulate Programmed Cell Death in Arabidopsis. Plant Physiology, 2016, 170, 1745-1756. | 4.8 | 30 |
| 46 | LHP1 Regulates H3K27me3 Spreading and Shapes the Three-Dimensional Conformation of the Arabidopsis Genome. PLoS ONE, 2016, 11, e0158936. | 2.5 | 97 |
| 47 | A SWI/SNF Chromatin Remodelling Protein Controls Cytokinin Production through the Regulation of Chromatin Architecture. PLoS ONE, 2015, 10, e0138276. | 2.5 | 25 |
| 48 | Involvement of Arabidopsis Hexokinase1 in Cell Death Mediated byMyo-Inositol Accumulation. Plant Cell, 2015, 27, 1801-1814. | 6.6 | 42 |
| 49 | To die or not to die? Lessons from lesion mimic mutants. Frontiers in Plant Science, 2015, 6, 24. | 3.6 | 157 |
| 50 | Battles and hijacks: noncoding transcription in plants. Trends in Plant Science, 2015, 20, 362-371. | 8.8 | 176 |
| 51 | Chromatin meets the cell cycle. Journal of Experimental Botany, 2014, 65, 2677-2689. | 4.8 | 35 |
| 52 | Chloroplast Dysfunction Causes Multiple Defects in Cell Cycle Progression in the Arabidopsis crumpled leaf Mutant Â Â. Plant Physiology, 2014, 166, 152-167. | 4.8 | 37 |
| 53 | The BAF60 Subunit of the SWI/SNF Chromatin-Remodeling Complex Directly Controls the Formation of a Gene Loop at FLOWERING LOCUS C in Arabidopsis Â. Plant Cell, 2014, 26, 538-551. | 6.6 | 82 |
| 54 | The Polyadenylation Factor Subunit CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR30: A Key Factor of Programmed Cell Death and a Regulator of Immunity in Arabidopsis Â. Plant Physiology, 2014, 165, 732-746. | 4.8 | 54 |

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|---|---|---|---|
| 55 | Noncoding Transcription by Alternative RNA Polymerases Dynamically Regulates an Auxin-Driven Chromatin Loop. Molecular Cell, 2014, 55, 383-396. | 9.7 | 330 |
| 56 | ANGUSTIFOLIA3 Binds to SWI/SNF Chromatin Remodeling Complexes to Regulate Transcription during Arabidopsis Leaf Development. Plant Cell, 2014, 26, 210-229. | 6.6 | 219 |
| 57 | Multiple Functions of Kip-Related Protein5 Connect Endoreduplication and Cell Elongation Â. Plant Physiology, 2013, 161, 1694-1705. | 4.8 | 41 |
| 58 | Evidence for a Role of Arabidopsis CDT1 Proteins in Gametophyte Development and Maintenance of Genome Integrity. Plant Cell, 2012, 24, 2779-2791. | 6.6 | 24 |
| 59 | Genomeâ€scale Arabidopsis promoter array identifies targets of the histone acetyltransferase GCN5. Plant Journal, 2008, 56, 493-504. | 5.7 | 120 |
| 60 | The MYST histone acetyltransferases are essential for gametophyte development in Arabidopsis. BMC Plant Biology, 2008, 8, 121. | 3.6 | 90 |
| 61 | Arabidopsis GCN5, HD1, and TAF1/HAF2 Interact to Regulate Histone Acetylation Required for Light-Responsive Gene Expression. Plant Cell, 2006, 18, 2893-2903. | 6.6 | 302 |
| 62 | Arabidopsis HAF2 Gene Encoding TATA-binding Protein (TBP)-associated Factor TAF1, Is Required to Integrate Light Signals to Regulate Gene Expression and Growth. Journal of Biological Chemistry, 2005, 280, 1465-1473. | 3.4 | 117 |