

William D Bovill

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

575
citations

1163117

8
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

981
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | High Throughput Determination of Plant Height, Ground Cover, and Above-Ground Biomass in Wheat with LiDAR. <i>Frontiers in Plant Science</i> , 2018, 9, 237. | 3.6 | 206 |
| 2 | Methodology for High-Throughput Field Phenotyping of Canopy Temperature Using Airborne Thermography. <i>Frontiers in Plant Science</i> , 2016, 7, 1808. | 3.6 | 118 |
| 3 | High-throughput phenotyping technologies allow accurate selection of stay-green. <i>Journal of Experimental Botany</i> , 2016, 67, 4919-4924. | 4.8 | 75 |
| 4 | Can citrate efflux from roots improve phosphorus uptake by plants? Testing the hypothesis with near-isogenic lines of wheat. <i>Physiologia Plantarum</i> , 2014, 151, 230-242. | 5.2 | 71 |
| 5 | Responses to phosphorus among wheat genotypes. <i>Crop and Pasture Science</i> , 2015, 66, 430. | 1.5 | 40 |
| 6 | Evaluation of the Phenotypic Repeatability of Canopy Temperature in Wheat Using Continuous-Terrestrial and Airborne Measurements. <i>Frontiers in Plant Science</i> , 2019, 10, 875. | 3.6 | 36 |
| 7 | Ground-Based LiDAR Improves Phenotypic Repeatability of Above-Ground Biomass and Crop Growth Rate in Wheat. <i>Plant Phenomics</i> , 2020, 2020, 8329798. | 5.9 | 17 |
| 8 | Increase in coleoptile length and establishment by Lcol-A1, a genetic locus with major effect in wheat. <i>BMC Plant Biology</i> , 2019, 19, 332. | 3.6 | 12 |