# Robert S Allen

List of Publications by Year
in descending order



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|---|---|---|---|
| 17 papers | 1,410 citations | 687363 13 h-index | 940533 16 g-index |
| 17 all docs | 17 docs citations | 17 times ranked | 1617 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Synthetic Biology Workflow Reveals Variation in Processing and Solubility of Nitrogenase Proteins Targeted to Plant Mitochondria, and Differing Tolerance of Targeting Sequences in a Bacterial Nitrogenase Assay. Frontiers in Plant Science, 2020, 11, 552160. | 3.6 | 14 |
| 2 | Insights into Nitrogenase Bioelectrocatalysis for Green Ammonia Production. ChemSusChem, 2020, 13, 4856-4865. | 6.8 | 28 |
| 3 | Plant expression of NifD protein variants resistant to mitochondrial degradation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23165-23173. | 7.1 | 19 |
| 4 | Seedâ€specific RNAi in safflower generates a superhigh oleic oil with extended oxidative stability. Plant Biotechnology Journal, 2018, 16, 1788-1796. | 8.3 | 40 |
| 5 | Expression of 16 Nitrogenase Proteins within the Plant Mitochondrial Matrix. Frontiers in Plant Science, 2017, 8, 287. | 3.6 | 87 |
| 6 | Facile mutant identification via a single parental backcross method and application of whole genome sequencing based mapping pipelines. Frontiers in Plant Science, 2013, 4, 362. | 3.6 | 29 |
| 7 | Genetic and Molecular Approaches to Assess MicroRNA Function. Signaling and Communication in Plants, 2012, , 123-148. | 0.7 | 2 |
| 8 | MicroR159 regulation of most conserved targets in Arabidopsis has negligible phenotypic effects. Silence: A Journal of RNA Regulation, 2010, 1, 18. | 8.1 | 74 |
| 9 | The MicroRNA159-Regulated GAMYB-like Genes Inhibit Growth and Promote Programmed Cell Death in Arabidopsis Â Â Â. Plant Physiology, 2010, 154, 757-771. | 4.8 | 263 |
| 10 | Genetic analysis reveals functional redundancy and the major target genes of the Arabidopsis miR159 family. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16371-16376. | 7.1 | 290 |
| 11 | Increasing morphinan alkaloid production by over-expressing codeinone reductase in transgenic Papaver somniferum. Plant Biotechnology Journal, 2007, 5, 26-37. | 8.3 | 107 |
| 12 | Metabolic engineering of morphinan alkaloids by over-expression and RNAi suppression of salutaridinol 7-O-acetyltransferase in opium poppy. Plant Biotechnology Journal, 2007, 6, 070913011353001-???. | 8.3 | 68 |
| 13 | Opium Poppy (Papaver somniferum). , 2006, 344, 383-391. | | 2 |
| 14 | Pollination biology of oilseed poppy, Papaver somniferum L.. Australian Journal of Agricultural Research, 2005, 56, 483. | 1.5 | 12 |
| 15 | RNAi-mediated replacement of morphine with the nonnarcotic alkaloid reticuline in opium poppy. Nature Biotechnology, 2004, 22, 1559-1566. | 17.5 | 268 |
| 16 | Transformation of opium poppy (Papaver somniferumL.) with antisense berberine bridge enzyme gene (anti-bbe) via somatic embryogenesis results in an altered ratio of alkaloids in latex but not in roots. Transgenic Research, 2004, 13, 607-613. | 2.4 | 66 |
| 17 | Genetic transformation in commercial Tasmanian cultivars of opium poppy, Papaver somniferum, and movement of transgenicpollen in the field. Functional Plant Biology, 2003, 30, 1045. | 2.1 | 41 |