# Stuart James Lucas

List of Publications by Year
in descending order



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|---|---|---|---|
| 41 papers | 1,501 citations | 304368 22 h-index | 315357 38 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 2076 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | miRNA expression patterns of Triticum dicoccoides in response to shock drought stress. Planta, 2011, 233, 471-484. | 1.6 | 337 |
| 2 | The drought response displayed by a DRE-binding protein from Triticum dicoccoides. Plant Physiology and Biochemistry, 2011, 49, 346-351. | 2.8 | 76 |
| 3 | Discovery of Ganoderma lucidum triterpenoids as potential inhibitors against Dengue virus NS2B-NS3 protease. Scientific Reports, 2019, 9, 19059. | 1.6 | 75 |
| 4 | Plant abiotic stress signaling. Plant Signaling and Behavior, 2012, 7, 1450-1455. | 1.2 | 67 |
| 5 | Mapping QTLs conferring salt tolerance and micronutrient concentrations at seedling stage in wheat. Scientific Reports, 2017, 7, 15662. | 1.6 | 66 |
| 6 | Genomics Approaches for Crop Improvement against Abiotic Stress. Scientific World Journal, The, 2013, 2013, 1-9. | 0.8 | 65 |
| 7 | Sorting the Wheat from the Chaff: Identifying miRNAs in Genomic Survey Sequences of Triticum aestivum Chromosome 1AL. PLoS ONE, 2012, 7, e40859. | 1.1 | 64 |
| 8 | Vaccinia virus protein K7 is a virulence factor that alters the acute immune response to infection. Journal of General Virology, 2013, 94, 1647-1657. | 1.3 | 48 |
| 9 | Subgenomic analysis of microRNAs in polyploid wheat. Functional and Integrative Genomics, 2012, 12, 465-479. | 1.4 | 43 |
| 10 | High-throughput SNP genotyping of modern and wild emmer wheat for yield and root morphology using a combined association and linkage analysis. Functional and Integrative Genomics, 2017, 17, 667-685. | 1.4 | 42 |
| 11 | Unique and Conserved MicroRNAs in Wheat Chromosome 5D Revealed by Next-Generation Sequencing. PLoS ONE, 2013, 8, e69801. | 1.1 | 41 |
| 12 | A large-scale chromosome-specific SNP discovery guideline. Functional and Integrative Genomics, 2017, 17, 97-105. | 1.4 | 40 |
| 13 | CRISPR/Cas9 in plants: at play in the genome and at work for crop improvement. Briefings in Functional Genomics, 2018, 17, 319-328. | 1.3 | 37 |
| 14 | Drought Stress. Advances in Botanical Research, 2011, 57, 445-493. | 0.5 | 36 |
| 15 | First report of the recently introduced, destructive powdery mildew Erysiphe corylacearum on hazelnut in Turkey. Phytoparasitica, 2017, 45, 577-581. | 0.6 | 33 |
| 16 | Sequencing chromosome 5D of Aegilops tauschii and comparison with its allopolyploid descendant bread wheat (Triticum aestivum). Plant Biotechnology Journal, 2015, 13, 740-752. | 4.1 | 32 |
| 17 | A chromosomeâ€scale genome assembly of European hazel (Corylus avellanaÂL.) reveals targets for crop improvement. Plant Journal, 2021, 105, 1413-1430. | 2.8 | 32 |
| 18 | Next-generation sequencing of flow-sorted wheat chromosome 5D reveals lineage-specific translocations and widespread gene duplications. BMC Genomics, 2014, 15, 1080. | 1.2 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Molecular organization and comparative analysis of chromosome 5B of the wild wheat ancestor Triticum dicoccoides. Scientific Reports, 2015, 5, 10763. | 1.6 | 31 |
| 20 | Physical Mapping Integrated with Syntenic Analysis to Characterize the Gene Space of the Long Arm of Wheat Chromosome 1A. PLoS ONE, 2013, 8, e59542. | 1.1 | 26 |
| 21 | TMPIT1 from wild emmer wheat: First characterisation of a stress-inducible integral membrane protein. Gene, 2011, 483, 22-28. | 1.0 | 25 |
| 22 | Functional features of a single chromosome arm in wheat (1AL) determined from its structure. Functional and Integrative Genomics, 2012, 12, 173-182. | 1.4 | 24 |
| 23 | Exploring the interaction between small RNAs and R genes during Brachypodium response to Fusarium culmorum infection. Gene, 2014, 536, 254-264. | 1.0 | 21 |
| 24 | Assessment of a direct hybridization microarray strategy for comprehensive monitoring of genetically modified organisms (GMOs). Food Chemistry, 2016, 194, 399-409. | 4.2 | 19 |
| 25 | Monitoring the prevalence of genetically modified (GM) soybean in Turkish food and feed products. Food Control, 2016, 59, 766-772. | 2.8 | 19 |
| 26 | Identification and expression profiles of putative leaf growth related microRNAs in maize (Zea mays L.) hybrid ADA313. Gene, 2019, 690, 57-67. | 1.0 | 18 |
| 27 | DNA extraction techniques compared for accurate detection of genetically modified organisms (GMOs) in maize food and feed products. Journal of Food Science and Technology, 2015, 52, 5164-5171. | 1.4 | 17 |
| 28 | The physical map of wheat chromosome 5DS revealed gene duplications and small rearrangements. BMC Genomics, 2015, 16, 453. | 1.2 | 17 |
| 29 | DaimonDNA: A portable, low-cost loop-mediated isothermal amplification platform for naked-eye detection of genetically modified organisms in resource-limited settings. Biosensors and Bioelectronics, 2019, 141, 111409. | 5.3 | 17 |
| 30 | Genetic diversity and domestication of hazelnut (Corylus avellana L.) in Turkey. Plants People Planet, 2020, 2, 326-339. | 1.6 | 16 |
| 31 | Whole-genome assembly of Corylus avellana cv â€œTonda Gentile delle Langheâ€•using linked-reads (10X Genomics). G3: Genes, Genomes, Genetics, 2021, 11, . | 0.8 | 15 |
| 32 | Comparison of different annotation tools for characterization of the complete chloroplast genome of Corylus avellana cv Tombul. BMC Genomics, 2019, 20, 874. | 1.2 | 13 |
| 33 | A High-Density SNP Genetic Map Construction Using ddRAD-Seq and Mapping of Capsule Shattering Trait in Sesame. Frontiers in Plant Science, 2021, 12, 679659. | 1.7 | 10 |
| 34 | Monitoring the prevalence of genetically modified maize in commercial animal feeds and food products in Turkey. Journal of the Science of Food and Agriculture, 2016, 96, 3173-3179. | 1.7 | 8 |
| 35 | Repeated long-distance dispersal and convergent evolution in hazel. Scientific Reports, 2019, 9, 16016. | 1.6 | 8 |
| 36 | Unraveling Genetic Diversity Amongst European Hazelnut (Corylus avellana L.) Varieties in Turkey. Frontiers in Plant Science, 2021, 12, 661274. | 1.7 | 8 |

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|---|---|---|---|
| 37 | Evalution of <scp>DNA</scp> extraction methods in order to monitor genetically modified materials in soy foodstuffs and feeds commercialised in Turkey by multiplex realâ€time <scp>PCR</scp>. Journal of the Science of Food and Agriculture, 2015, 95, 386-392. | 1.7 | 7 |
| 38 | Identification and quantitation of genetically modified (GM) ingredients in maize, rice, soybean and wheat-containing retail foods and feeds in Turkey. Journal of Food Science and Technology, 2020, 57, 787-793. | 1.4 | 7 |
| 39 | A lowâ€cost, portable, and practical LAMP device for pointâ€ofâ€diagnosis in the field. Biotechnology and Bioengineering, 2022, 119, 994-1003. | 1.7 | 7 |
| 40 | First report about the identification and preliminary analysis of a partial sequence of dihydropyrimidine dehydrogenase (NADP+) in Thermopsis turcica during floral development using degenerate primers. Acta Physiologiae Plantarum, 2017, 39, 1. | 1.0 | 0 |
| 41 | Concepts and applications of bioinformatics for sustainable agriculture. , 2022, , 455-489. | | 0 |