

Fred Stoddard

List of Publications by Year in descending order

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Version: 2024-02-01

153
papers

5,505
citations

71102

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98798

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164
docs citations

164
times ranked

5114
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The future of lupin as a protein crop in Europe. <i>Frontiers in Plant Science</i> , 2015, 6, 705. | 3.6 | 203 |
| 2 | Screening techniques and sources of resistance to abiotic stresses in cool-season food legumes. <i>Euphytica</i> , 2006, 147, 167-186. | 1.2 | 181 |
| 3 | Integrated pest management in faba bean. <i>Field Crops Research</i> , 2010, 115, 308-318. | 5.1 | 174 |
| 4 | Effect of Varying Protein Content and Glutenin-to-Gliadin Ratio on the Functional Properties of Wheat Dough. <i>Cereal Chemistry</i> , 1999, 76, 389-394. | 2.2 | 170 |
| 5 | Faba bean breeding for drought-affected environments: A physiological and agronomic perspective. <i>Field Crops Research</i> , 2010, 115, 279-286. | 5.1 | 160 |
| 6 | Grain legume decline and potential recovery in European agriculture: a review. <i>Agronomy for Sustainable Development</i> , 2016, 36, 1. | 5.3 | 146 |
| 7 | The FIGS (Focused Identification of Germplasm Strategy) Approach Identifies Traits Related to Drought Adaptation in <i>Vicia faba</i> Genetic Resources. <i>PLoS ONE</i> , 2013, 8, e63107. | 2.5 | 138 |
| 8 | Survey of Starch Particle-Size Distribution in Wheat and Related Species. <i>Cereal Chemistry</i> , 1999, 76, 145-149. | 2.2 | 126 |
| 9 | A cropping system assessment framework—Evaluating effects of introducing legumes into crop rotations. <i>European Journal of Agronomy</i> , 2016, 76, 186-197. | 4.1 | 123 |
| 10 | Short-term effects of biochar on soil properties and wheat yield formation with meat bone meal and inorganic fertiliser on a boreal loamy sand. <i>Agriculture, Ecosystems and Environment</i> , 2014, 191, 108-116. | 5.3 | 122 |
| 11 | The EU's dependency on soya bean import for the animal feed industry and potential for EU produced alternatives. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2014, 21, D407. | 1.4 | 116 |
| 12 | Biochar application to a fertile sandy clay loam in boreal conditions: effects on soil properties and yield formation of wheat, turnip rape and faba bean. <i>Plant and Soil</i> , 2014, 374, 89-107. | 3.7 | 115 |
| 13 | Evaluation of physiological traits for improving drought tolerance in faba bean (<i>Vicia faba</i> L.). <i>Plant and Soil</i> , 2007, 292, 205-217. | 3.7 | 112 |
| 14 | Trade-Offs between Economic and Environmental Impacts of Introducing Legumes into Cropping Systems. <i>Frontiers in Plant Science</i> , 2016, 7, 669. | 3.6 | 111 |
| 15 | Basic Rheology of Bread Dough with Modified Protein Content and Glutenin-to-Gliadin Ratios. <i>Cereal Chemistry</i> , 2000, 77, 744-749. | 2.2 | 104 |
| 16 | Winter hardiness in faba bean: Physiology and breeding. <i>Field Crops Research</i> , 2010, 115, 287-296. | 5.1 | 104 |
| 17 | A SNP-based consensus genetic map for synteny-based trait targeting in faba bean (<i>Vicia</i>) <i>Tj ETQg1 1 0.784314 rgt</i> | 8.3 | 101 |
| 18 | Faba bean flavour and technological property improvement by thermal pre-treatments. <i>LWT - Food Science and Technology</i> , 2016, 68, 295-305. | 5.2 | 94 |

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|----|---|------|-----------|
| 19 | Evaluation of the 40 mg Swelling Test for Measuring Starch Functionality. <i>Starch/Staerke</i> , 2001, 53, 14-20. | 2.1 | 89 |
| 20 | Eliminating vicine and convicine, the main anti-nutritional factors restricting faba bean usage. <i>Trends in Food Science and Technology</i> , 2019, 91, 549-556. | 15.1 | 84 |
| 21 | Physiology of flowering and grain filling in faba bean. <i>Field Crops Research</i> , 2010, 115, 234-242. | 5.1 | 83 |
| 22 | Nutritive quality and protein production from grain legumes in a boreal climate. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 2053-2064. | 3.5 | 74 |
| 23 | Effects of Gliadin Fractions on Functional Properties of Wheat Dough Depending on Molecular Size and Hydrophobicity. <i>Cereal Chemistry</i> , 2001, 78, 138-141. | 2.2 | 69 |
| 24 | Evaluation of preservation methods for improving biogas production and enzymatic conversion yields of annual crops. <i>Biotechnology for Biofuels</i> , 2011, 4, 20. | 6.2 | 69 |
| 25 | Photographic measurement of leaf angles in field crops. <i>Agricultural and Forest Meteorology</i> , 2014, 184, 137-146. | 4.8 | 68 |
| 26 | Effects of Incorporated Glutenins on Functional Properties of Wheat Dough. <i>Cereal Chemistry</i> , 2000, 77, 737-743. | 2.2 | 64 |
| 27 | Use of synteny to identify candidate genes underlying QTL controlling stomatal traits in faba bean (<i>Vicia faba</i> L.). <i>Theoretical and Applied Genetics</i> , 2014, 127, 2371-2385. | 3.6 | 61 |
| 28 | Lupin Flours as Additives: Dough Mixing, Breadmaking, Emulsifying, and Foaming. <i>Cereal Chemistry</i> , 2002, 79, 662-669. | 2.2 | 60 |
| 29 | The Pollination Requirements of the Faba Bean. <i>Bee World</i> , 1987, 68, 144-152. | 0.8 | 59 |
| 30 | Evaluation of annual bioenergy crops in the boreal zone for biogas and ethanol production. <i>Biomass and Bioenergy</i> , 2011, 35, 3071-3078. | 5.7 | 57 |
| 31 | Biomass yield and quality of bioenergy crops grown with synthetic and organic fertilizers. <i>Biomass and Bioenergy</i> , 2013, 59, 477-485. | 5.7 | 57 |
| 32 | Feedstock quality and growth of bioenergy crops fertilized with sewage sludge. <i>Chemosphere</i> , 2012, 89, 1211-1217. | 8.2 | 56 |
| 33 | Grain legume yields are as stable as other spring crops in long-term experiments across northern Europe. <i>Agronomy for Sustainable Development</i> , 2018, 38, 63. | 5.3 | 55 |
| 34 | Adaptation of spring faba bean types across European climates. <i>Field Crops Research</i> , 2013, 145, 1-9. | 5.1 | 52 |
| 35 | Response of canola to different heat stresses. <i>Australian Journal of Agricultural Research</i> , 2001, 52, 817. | 1.5 | 51 |
| 36 | Synergistic and Additive Effects of Three High Molecular Weight Glutenin Subunit Loci. II. Effects on Wheat Dough Functionality and End-Use Quality. <i>Cereal Chemistry</i> , 2002, 79, 301-307. | 2.2 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Faba bean adaptation to autumn sowing under European climates. <i>Agronomy for Sustainable Development</i> , 2012, 32, 727-734. | 5.3 | 49 |
| 38 | Legumes in Finnish agriculture: history, present status and future prospects. <i>Agricultural and Food Science</i> , 2009, 18, 191. | 0.9 | 49 |
| 39 | Comparison of Methods for Colorimetric Amylose Determination in Cereal Grains. <i>Starch/Staerke</i> , 2007, 59, 357-365. | 2.1 | 47 |
| 40 | Variability in grain protein in Australian hexaploid wheats. <i>Australian Journal of Agricultural Research</i> , 1990, 41, 277. | 1.5 | 46 |
| 41 | Agro-economic prospects for expanding soybean production beyond its current northerly limit in Europe. <i>European Journal of Agronomy</i> , 2022, 133, 126415. | 4.1 | 44 |
| 42 | Synergistic and Additive Effects of Three High Molecular Weight Glutenin Subunit Loci. I. Effects on Wheat Dough Rheology. <i>Cereal Chemistry</i> , 2002, 79, 294-300. | 2.2 | 42 |
| 43 | Variation in Grain Mass, Grain Nitrogen, and Starch B-Granule Content Within Wheat Heads. <i>Cereal Chemistry</i> , 1999, 76, 139-144. | 2.2 | 40 |
| 44 | Improved sustainability of feedstock production with sludge and interacting mycorrhiza. <i>Chemosphere</i> , 2013, 91, 1236-1242. | 8.2 | 40 |
| 45 | Characterization of Starch in <i>Aegilops</i> Species. <i>Cereal Chemistry</i> , 2000, 77, 445-447. | 2.2 | 39 |
| 46 | Faba Bean. <i>Handbook of Plant Breeding</i> , 2015, , 141-178. | 0.1 | 38 |
| 47 | Recent advances in faba bean genetic and genomic tools for crop improvement. , 2021, 3, e75. | | 38 |
| 48 | Histology of the development of the graft union in pea roots. <i>Canadian Journal of Botany</i> , 1979, 57, 1486-1501. | 1.1 | 37 |
| 49 | Survey of amylose content in <i>Secale cereale</i> , <i>triticum monococcum</i> , <i>T. turgidum</i> and <i>T. tauschii</i> . <i>Journal of Cereal Science</i> , 1998, 28, 273-280. | 3.7 | 36 |
| 50 | Effects of Nitrogen and Sulfur Fertilizer on Protein Composition, Mixing Requirements, and Dough Strength of Four Wheat Cultivars. <i>Cereal Chemistry</i> , 2000, 77, 798-807. | 2.2 | 36 |
| 51 | Achievements in breeding autumn-sown annual legumes for temperate regions with emphasis on the continental Balkans. <i>Euphytica</i> , 2011, 180, 57. | 1.2 | 36 |
| 52 | Determination of vicine and convicine from faba bean with an optimized high-performance liquid chromatographic method. <i>Food Research International</i> , 2015, 76, 168-177. | 6.2 | 36 |
| 53 | Flanking SNP markers for vicine and convicine concentration in faba bean (<i>Vicia faba</i> L.). <i>Molecular Breeding</i> , 2015, 35, 1. | 2.1 | 36 |
| 54 | A baseline study of vicine and convicine levels in faba bean (<i>Vicia faba</i> L.) germplasm. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2013, 11, 250-257. | 0.8 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Development and validation of a robust, breeder-friendly molecular marker for the vc - locus in faba bean. <i>Molecular Breeding</i> , 2017, 37, 1. | 2.1 | 35 |
| 56 | VC1 catalyses a key step in the biosynthesis of vicine in faba bean. <i>Nature Plants</i> , 2021, 7, 923-931. | 9.3 | 34 |
| 57 | Link Between Mixing Requirements and Dough Strength. <i>Cereal Chemistry</i> , 1999, 76, 800-806. | 2.2 | 33 |
| 58 | Diversity in root growth responses to moisture deficit in young faba bean (<i>Vicia faba</i> L.) plants. <i>PeerJ</i> , 2018, 6, e4401. | 2.0 | 33 |
| 59 | Heterosis for yield and related characters in pea. <i>Euphytica</i> , 1994, 80, 39-48. | 1.2 | 32 |
| 60 | Re-designing organic grain legume cropping systems using systems agronomy. <i>European Journal of Agronomy</i> , 2020, 112, 125951. | 4.1 | 32 |
| 61 | Effects of Excision of Stock and Scion Organs on the Formation of the Graft Union in Coleus: A Histological Study. <i>Botanical Gazette</i> , 1980, 141, 401-412. | 0.6 | 31 |
| 62 | Starch Extraction and Amylose Analysis from Half Seeds. <i>Starch/Staerke</i> , 1999, 51, 62-66. | 2.1 | 29 |
| 63 | Pollination and fertilization in commercial crops of field beans (<i>Vicia faba</i> L.). <i>Journal of Agricultural Science</i> , 1986, 106, 89-97. | 1.3 | 28 |
| 64 | Do faba bean (<i>Vicia faba</i> L.) accessions from environments with contrasting seasonal moisture availabilities differ in stomatal characteristics and related traits?. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 2343-2357. | 1.6 | 28 |
| 65 | Physiological and Biochemical Basis of Faba Bean Breeding for Drought Adaptation—A Review. <i>Agronomy</i> , 2020, 10, 1345. | 3.0 | 28 |
| 66 | Preparation and Characterization of Emulsion Gels from Whole Faba Bean Flour. <i>Foods</i> , 2020, 9, 755. | 4.3 | 28 |
| 67 | Responses of flavonoid profile and associated gene expression to solar blue and UV radiation in two accessions of <i>Vicia faba</i> L. from contrasting UV environments. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 434-447. | 2.9 | 26 |
| 68 | Variability of <i>Ascochyta fabae</i> in South Australia. <i>Australian Journal of Agricultural Research</i> , 1999, 50, 1475. | 1.5 | 26 |
| 69 | Screening of faba bean (<i>Vicia faba</i> L.) accessions to acidity and aluminium stresses. <i>PeerJ</i> , 2017, 5, e2963. | 2.0 | 26 |
| 70 | Content of zinc, iron and their absorption inhibitors in Nicaraguan common beans (<i>Phaseolus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 | 8.2 | 24 |
| 71 | Retrieval of leaf chlorophyll content in field crops using narrow-band indices: effects of leaf area index and leaf mean tilt angle. <i>International Journal of Remote Sensing</i> , 2015, 36, 6031-6055. | 2.9 | 23 |
| 72 | Genetics of resistance to ascochyta blight in two populations of faba bean. <i>Euphytica</i> , 2000, 112, 101-107. | 1.2 | 22 |

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|----|--|-----|-----------|
| 73 | ILB 938, a valuable faba bean (<i>Vicia faba</i> L.) accession. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 478-482. | 0.8 | 22 |
| 74 | Evaluation of yield, yield stability, and yield-protein relationship in 17 commercial faba bean cultivars. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2020, 2, e39. | | 22 |
| 75 | Floral Viability and Pollen Tube Growth in <i>Vicia faba</i> L.. <i>Journal of Plant Physiology</i> , 1986, 123, 249-262. | 3.5 | 21 |
| 76 | Evaluating faba beans for rust resistance using detached leaves. <i>Euphytica</i> , 2001, 117, 47-57. | 1.2 | 21 |
| 77 | Palindromic sequence-targeted (PST) PCR: a rapid and efficient method for high-throughput gene characterization and genome walking. <i>Scientific Reports</i> , 2019, 9, 17707. | 3.3 | 21 |
| 78 | Variability in grain protein concentration of peas and lentils grown in Australia. <i>Australian Journal of Agricultural Research</i> , 1993, 44, 1415. | 1.5 | 19 |
| 79 | Interaction of heat-moisture conditions and physical properties in oat processing: II. Flake quality. <i>Journal of Cereal Science</i> , 2008, 48, 288-293. | 3.7 | 19 |
| 80 | Genetics of starch granule size distribution in tetraploid and hexaploid wheats. <i>Australian Journal of Agricultural Research</i> , 2003, 54, 637. | 1.5 | 18 |
| 81 | Winter turnip rape as a soil N scavenging catch crop in a cool humid climate. <i>Agronomy for Sustainable Development</i> , 2015, 35, 359-366. | 5.3 | 18 |
| 82 | Screening of Chickpeas for Adaptation to Autumn Sowing. <i>Journal of Agronomy and Crop Science</i> , 2001, 186, 193-207. | 3.5 | 17 |
| 83 | Optimized Methods for Incorporating Glutenin Subunits into Wheat Dough for Extension and Baking Studies. <i>Cereal Chemistry</i> , 2000, 77, 731-736. | 2.2 | 16 |
| 84 | A multi-parent faba bean (<i>Vicia faba</i> L.) population for future genomic studies. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 419-423. | 0.8 | 16 |
| 85 | Effects of Nitrogen and Sulfur Fertilization on Commercial-Scale Wheat Quality and Mixing Requirements. <i>Cereal Chemistry</i> , 2000, 77, 791-797. | 2.2 | 15 |
| 86 | Nitrous oxide emissions from perennial grass-legume intercrop for bioenergy use. <i>Nutrient Cycling in Agroecosystems</i> , 2015, 101, 211-222. | 2.2 | 15 |
| 87 | Association of Shoot and Root Responses to Water Deficit in Young Faba Bean (<i>Vicia faba</i> L.) Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 1063. | 3.6 | 15 |
| 88 | Developmental Regulation of Mannan, Arabinogalactan-Protein, and Pectic Epitopes in Pistils of <i>Vicia faba</i> (Faba Bean). <i>International Journal of Plant Sciences</i> , 2006, 167, 919-932. | 1.3 | 14 |
| 89 | Mutual Legume Intercropping for Forage Production in Temperate Regions. <i>Sustainable Agriculture Reviews</i> , 2011, , 347-365. | 1.1 | 14 |
| 90 | Evaluating faba beans for resistance to ascochyta blight using detached organs. <i>Australian Journal of Experimental Agriculture</i> , 2000, 40, 707. | 1.0 | 14 |

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|-----|--|-----|-----------|
| 91 | Pollen vectors and pollination of faba beans in southern Australia. <i>Australian Journal of Agricultural Research</i> , 1991, 42, 1173. | 1.5 | 13 |
| 92 | Limits to Retention of Fertilized Flowers in Faba Beans (<i>Vicia faba</i> L.). <i>Journal of Agronomy and Crop Science</i> , 1993, 171, 251-259. | 3.5 | 13 |
| 93 | Genetic analysis reveals a novel locus in <i>Vicia faba</i> decoupling pigmentation in the flower from that in the extra-floral nectaries. <i>Molecular Breeding</i> , 2014, 34, 1507-1513. | 2.1 | 13 |
| 94 | Progress towards flowering of faba bean (<i>Vicia faba</i> L.) is more than photothermal. <i>Journal of Agronomy and Crop Science</i> , 2017, 203, 385-396. | 3.5 | 13 |
| 95 | Genetics of wheat starch B-granule content. <i>Euphytica</i> , 2000, 112, 23-31. | 1.2 | 12 |
| 96 | Interaction of heat-moisture conditions and physical properties in oat processing: I. Mechanical properties of steamed oat groats. <i>Journal of Cereal Science</i> , 2008, 47, 239-244. | 3.7 | 12 |
| 97 | Perennial crop growth in oil-contaminated soil in a boreal climate. <i>Science of the Total Environment</i> , 2015, 532, 752-761. | 8.0 | 12 |
| 98 | Proposal for C-Hordein as Reference Material in Gluten Quantification. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2155-2161. | 5.2 | 12 |
| 99 | Oxidation of proline decreases immunoreactivity and alters structure of barley prolamin. <i>Food Chemistry</i> , 2017, 214, 597-605. | 8.2 | 12 |
| 100 | Plant species and growing season weather influence the efficiency of selenium biofortification. <i>Nutrient Cycling in Agroecosystems</i> , 2019, 114, 111-124. | 2.2 | 12 |
| 101 | Pollination, fertilization and seed development in winter stocks of faba beans (<i>Vicia faba</i> L.). <i>Euphytica</i> , 1986, 35, 925-934. | 1.2 | 11 |
| 102 | Derivation of superior F5 lines from heterotic hybrids in pea. <i>Euphytica</i> , 1994, 73, 265-272. | 1.2 | 11 |
| 103 | Variation in Faba Bean Amylose Content. <i>Starch/Staerke</i> , 1999, 51, 259-262. | 2.1 | 11 |
| 104 | Genetic analysis of partial rust resistance in faba beans. <i>Australian Journal of Agricultural Research</i> , 2001, 52, 73. | 1.5 | 11 |
| 105 | Genetic analysis of quantitative traits in rice (<i>Oryza sativa</i> L.) exposed to salinity. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 1173. | 1.5 | 11 |
| 106 | Pre-crop effects on the nutrient composition and utilization efficiency of faba bean (<i>Vicia faba</i> L.) and narrow-leafed lupin (<i>Lupinus angustifolius</i> L.). <i>Nutrient Cycling in Agroecosystems</i> , 2015, 103, 311-327. | 2.2 | 10 |
| 107 | Rust resistance in faba bean (<i>Vicia faba</i> L.): status and strategies for improvement. <i>Australasian Plant Pathology</i> , 2018, 47, 71-81. | 1.0 | 10 |
| 108 | Genomic-based root plasticity to enhance abiotic stress adaptation and edible yield in grain crops. <i>Plant Science</i> , 2020, 295, 110365. | 3.6 | 10 |

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|-----|--|-----|-----------|
| 109 | Amylose Content in Segregating Populations of Einkorn, Emmer, and Rye. <i>Starch/Staerke</i> , 1999, 51, 66-73. | 2.1 | 9 |
| 110 | A rapid antibody-based test for Sec-2, a marker for the short arm of chromosome 2 of rye (2RS). <i>Genome</i> , 1996, 39, 1006-1012. | 2.0 | 8 |
| 111 | Conversion of Carbohydrates in Herbaceous Crops during Anaerobic Digestion. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7934-7940. | 5.2 | 8 |
| 112 | Genetic analysis of photosynthesis-related traits in faba bean (<i>Vicia faba</i>) for crop improvement. <i>Plant Breeding</i> , 2019, 138, 761-769. | 1.9 | 8 |
| 113 | Ion beam irradiation mutagenesis in rye (<i>Secale cereale</i> L.), linseed (<i>Linum usitatissimum</i> L.) and faba bean (<i>Vicia faba</i> L.). <i>Agricultural and Food Science</i> , 2018, 27, . | 0.9 | 8 |
| 114 | Effects of irrigation, plant density and genotype on pollination, fertilization and seed development in spring field beans (<i>Vicia faba</i> L.). <i>Journal of Agricultural Science</i> , 1986, 107, 347-355. | 1.3 | 7 |
| 115 | Genetic distance and its association with heterosis in peas. <i>Euphytica</i> , 1994, 73, 255-264. | 1.2 | 7 |
| 116 | Revitalizing the winter turnip rape crop in the northern latitudes. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2011, 61, 195-201. | 0.6 | 7 |
| 117 | Response of Soil Bacterial Community Diversity and Composition to Time, Fertilization, and Plant Species in a Sub-Boreal Climate. <i>Frontiers in Microbiology</i> , 2020, 11, 1780. | 3.5 | 7 |
| 118 | Fertilizer and intercropped legumes as nitrogen source for Jerusalem artichoke (<i>Helianthus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 To | 0.9 | 7 |
| 119 | Pollination, Fertilization and Seed Development in Inbred Lines and F1 Hybrids of Spring Faba Beans (<i>Vicia faba</i> L.). <i>Plant Breeding</i> , 1986, 97, 210-221. | 1.9 | 6 |
| 120 | Earthworm communities under boreal grass and legume bioenergy crops in pure stands and mixtures. <i>Pedobiologia</i> , 2015, 58, 49-54. | 1.2 | 6 |
| 121 | The transgenerational effects of solar short-UV radiation differed in two accessions of <i>Vicia faba</i> L. from contrasting UV environments. <i>Journal of Plant Physiology</i> , 2020, 248, 153145. | 3.5 | 6 |
| 122 | Efficient and sustainable production of faba bean. <i>Burleigh Dodds Series in Agricultural Science</i> , 2018, , 269-296. | 0.2 | 6 |
| 123 | Genomic regions associated with chocolate spot (<i>Botrytis fabae</i> Sard.) resistance in faba bean (<i>Vicia</i>) Tj ETQq1 1 0.784314 rgBT /Overlo | 2.1 | 6 |
| 124 | Starch characterisation and variability in GBSS loci of synthetic hexaploid wheats and their durum and <i>Aegilops tauschii</i> parents. <i>Euphytica</i> , 2009, 167, 203-216. | 1.2 | 5 |
| 125 | Grain legumes: an overview.. , 2017, , 70-87. | | 5 |
| 126 | Effects of Break Crops on Yield and Grain Protein Concentration of Barley in a Boreal Climate. <i>PLoS ONE</i> , 2015, 10, e0130765. | 2.5 | 5 |

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|-----|--|-----|-----------|
| 127 | The legume manifesto: (Net)workers on Fabaceae, unite!. Ratarstvo I Povrtarstvo, 2011, 48, 253-258. | 0.5 | 5 |
| 128 | The effects of a permanently elevated water table in an acid sulphate soil on reed canary grass for combustion. Plant and Soil, 2014, 375, 149-158. | 3.7 | 4 |
| 129 | Genetic variability in the physiological responses of Andean lupin to drought stress. Suomen Maataloustieteellisen Seuran Tiedote, 2010, , 1-5. | 0.0 | 4 |
| 130 | Termination of flowering in "indeterminate" faba beans (Vicia faba). Journal of Agricultural Science, 1993, 120, 79-87. | 1.3 | 3 |
| 131 | In silico evaluation of plant genetic resources to search for traits for adaptation to climate change. Climatic Change, 2016, 134, 667-680. | 3.6 | 3 |
| 132 | Genotypic variation in leaf epicuticular wax quantity in a large faba bean (Vicia faba L.) germplasm collection. Plant Genetic Resources: Characterisation and Utilisation, 2019, 17, 298-300. | 0.8 | 3 |
| 133 | Fusarium-suppressive effects of green manure of turnip rape. European Journal of Soil Biology, 2015, 69, 41-51. | 3.2 | 2 |
| 134 | David Bond and Jean Picard: Two pivotal breeders of faba bean in the 20th century. Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 483-487. | 0.8 | 2 |
| 135 | Cultivating forage maize for biomass and bioenergy in a sub-boreal climate. Agricultural and Food Science, 2018, 27, . | 0.9 | 2 |
| 136 | Botrytis four species are associated with chocolate spot disease of faba bean in Latvia. Zemdirbyste, 2021, 108, 297-302. | 0.8 | 2 |
| 137 | The distribution of immature thrips among flowers of faba beans in commercial crops and experimental plots. Annals of Applied Biology, 1986, 109, 61-69. | 2.5 | 1 |
| 138 | The Incidence of Ovule Fertilization in Faba Bean Flowers from Commercial Crops and from Experimental Plots of Contrasting Genotypes. , 1984, , 247-254. | | 1 |
| 139 | New sources of earliness for Finnish faba bean breeding. Suomen Maataloustieteellisen Seuran Tiedote, 2012, , 1-4. | 0.0 | 1 |
| 140 | WHEAT STARCH GRANULE SIZE. , 2005, , 461-465. | | 1 |
| 141 | New annual legume crops for Finnish conditions. Suomen Maataloustieteellisen Seuran Tiedote, 2010, , 1-4. | 0.0 | 1 |
| 142 | SEWAGE SLUDGE AS NUTRIENT SOURCE FOR BIOENERGY CROPS. Suomen Maataloustieteellisen Seuran Tiedote, 2010, , 1-5. | 0.0 | 1 |
| 143 | Increasing the range of legume crops for Finnish crop rotations. Suomen Maataloustieteellisen Seuran Tiedote, 2012, , 1-4. | 0.0 | 1 |
| 144 | Evaluation of colour transparency films for photomicrography of fluorescent structures. Histochemistry, 1981, 73, 121-129. | 1.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Words for traditional Eurasian grain legumes in Uralic languages. <i>Dialectologia Et Geolinguistica</i> , 2013, 21, 123-131. | 0.1 | 0 |
| 146 | Kasvibiomassan laadullinen soveltuvuus bioenergian raaka-aineeksi. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-6. | 0.0 | 0 |
| 147 | Kasvien fytoimediaatiopotentiaali CCA:lla saastuneen maan puhdistuksessa. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , . | 0.0 | 0 |
| 148 | High moisture acid sulphate soil effects on reed canary grass. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2012, , 1-6. | 0.0 | 0 |
| 149 | Pilaantuneiden maa-alueiden puhdistus bioenergiakasvien avulla. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2012, , 1-4. | 0.0 | 0 |
| 150 | Extractability and size distribution studies on wheat proteins using flow-field flow fractionation. <i>Special Publication - Royal Society of Chemistry</i> , 0, , 149-153. | 0.0 | 0 |
| 151 | Quantity of quality? addressing the protein paradox of flour functionality. <i>Special Publication - Royal Society of Chemistry</i> , 0, , 396-399. | 0.0 | 0 |
| 152 | Methods for incorporating added glutenin subunits into the gluten matrix for extension and baking tests. <i>Special Publication - Royal Society of Chemistry</i> , 0, , 417-420. | 0.0 | 0 |
| 153 | Starch Extraction and Amylose Analysis from Half Seeds. <i>Starch/Staerke</i> , 1999, 51, 62-66. | 2.1 | 0 |