# Bo-Keun Ha

List of Publications by Year
in descending order

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Version: 2024-02-01

| 55 | 1,222 | 623734 | 414414 |
|---|---|---|---|
| papers | citations | 14 h-index | 32 g-index |

| 55 | 55 | 55 | 1381 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Diversity Characterization of Soybean Germplasm Seeds Using Image Analysis. Agronomy, 2022, 12, 1004. | 3.0 | 11 |
| 2 | Detecting Genetic Mobility Using a Transposon-Based Marker System in Gamma-Ray Irradiated Soybean Mutants. Plants, 2021, 10, 373. | 3.5 | 8 |
| 3 | A Comparison of the Transcriptomes of Cowpeas in Response to Two Different Ionizing Radiations. Plants, 2021, 10, 567. | 3.5 | 9 |
| 4 | Single Nucleotide Polymorphism (SNP) Discovery and Association Study of Flowering Times, Crude Fat and Fatty Acid Composition in Rapeseed (Brassica napus L.) Mutant Lines Using Genotyping-by-Sequencing (GBS). Agronomy, 2021, 11, 508. | 3.0 | 10 |
| 5 | Metabolite Contents and Antioxidant Activities of Soybean (Glycine max (L.) Merrill) Seeds of Different Seed Coat Colors. Antioxidants, 2021, 10, 1210. | 5.1 | 14 |
| 6 | Analysis of genetic diversity and relationships of Perilla frutescens using novel EST-SSR markers derived from transcriptome between wild-type and mutant Perilla. Molecular Biology Reports, 2021, 48, 6387-6400. | 2.3 | 2 |
| 7 | Genetic Diversity and Genome-Wide Association Study of Seed Aspect Ratio Using a High-Density SNP Array in Peanut (Arachis hypogaea L.). Genes, 2021, 12, 2. | 2.4 | 12 |
| 8 | Population Structure and Genetic Diversity in Korean Cowpea Germplasm Based on SNP Markers. Plants, 2020, 9, 1190. | 3.5 | 15 |
| 9 | Environmental Stability of Elevated Î±-Linolenic Acid Derived from a Wild Soybean in Three Asian Countries. Agriculture (Switzerland), 2020, 10, 70. | 3.1 | 5 |
| 10 | Development of 18 microsatellite markers forAtractylodes japonica. Applications in Plant Sciences, 2020, 8, e11350. | 2.1 | 1 |
| 11 | The Synergistic Effect of Co-Treatment of Methyl Jasmonate and Cyclodextrins on Pterocarpan Production in Sophora flavescens Cell Cultures. International Journal of Molecular Sciences, 2020, 21, 3944. | 4.1 | 7 |
| 12 | Characterization of genetic variation and antioxidant properties in strawberry (Fragariaâ€‰Ã—â€‰ananassa) Tj ETQq0 0 0 rgBT /Overl | 1.6 | 6 |
| 13 | Radio Sensitivity of Cowpea Plants after Gamma-Ray and Proton-Beam Irradiation. Plant Breeding and Biotechnology, 2020, 8, 281-292. | 0.9 | 4 |
| 14 | Genome-Wide Association Study for Flowering Time in Korean Cowpea Germplasm. Plant Breeding and Biotechnology, 2020, 8, 413-425. | 0.9 | 6 |
| 15 | Korean soybean core collection: Genotypic and phenotypic diversity population structure and genome-wide association study. PLoS ONE, 2019, 14, e0224074. | 2.5 | 56 |
| 16 | Cross-species transferability of EST-SSR markers derived from the transcriptome of kenaf (Hibiscus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5<br>1543-1556. | 1.6 | 10 |
| 17 | Selection of mutants with high linolenic acid contents and characterization of fatty acid desaturase 2 and 3 genes during seed development in soybean ( Glycine max ). Journal of the Science of Food and Agriculture, 2019, 99, 5384-5391. | 3.5 | 7 |
| 18 | Utility of TRAP markers to determine indel mutation frequencies induced by gamma-ray irradiation of faba bean (Vicia fabaL.) seeds. International Journal of Radiation Biology, 2019, 95, 1160-1171. | 1.8 | 4 |

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|---|---|---|---|
| 19 | Identification of a new GmSACPD-C allele in high stearic acid mutant Hfa180 derived from gamma-ray irradiation. Molecular Breeding, 2019, 39, 1. | 2.1 | 12 |
| 20 | Single nucleotide polymorphism (SNP) discovery through genotyping-by-sequencing (GBS) and genetic characterization of Dendrobium mutants and cultivars. Scientia Horticulturae, 2019, 244, 225-233. | 3.6 | 14 |
| 21 | A Novel Allele of GmSACPDâ€C Associated with High Seed Stearic Acid Concentration in an EMSâ€Induced Mutant PE980 in Soybean. Crop Science, 2018, 58, 192-203. | 1.8 | 14 |
| 22 | Genotyping-by-sequencing based single nucleotide polymorphisms enabled Kompetitive Allele Specific PCR marker development in mutant Rubus genotypes. Electronic Journal of Biotechnology, 2018, 35, 57-62. | 2.2 | 15 |
| 23 | Molecular characterization of proton beam-induced mutations in soybean using genotyping-by-sequencing. Molecular Genetics and Genomics, 2018, 293, 1169-1180. | 2.1 | 22 |
| 24 | Growth Characteristics and Biological Responses of Korean Elite Soybean (Glycine max L. Merr.) Cultivars Exposed to Gamma-Rays. Plant Breeding and Biotechnology, 2018, 6, 109-118. | 0.9 | 3 |
| 25 | Identification of SNPs tightly linked to the QTL for pod shattering in soybean. Molecular Breeding, 2017, 37, 1. | 2.1 | 17 |
| 26 | Effects of proton beam irradiation on seed germination and growth of soybean (Glycine max L. Merr.). Journal of the Korean Physical Society, 2017, 71, 752-757. | 0.7 | 16 |
| 27 | Biochemical Responses of Soybean (Glycine max L. Merr.) to Proton Beam Irradiation. Plant Breeding and Biotechnology, 2017, 5, 97-105. | 0.9 | 11 |
| 28 | Fruit Quality and Chemical Contents of Hybrid Boysenberry (Rubus ursinus) Lines Developed by Hybridization and Gamma Irradiation. Plant Breeding and Biotechnology, 2017, 5, 228-236. | 0.9 | 7 |
| 29 | Study of Transferability of Rubus Microsatellite Markers to Hybrid Boysenberry. Plant Breeding and Biotechnology, 2017, 5, 253-260. | 0.9 | 3 |
| 30 | Identification of candidate genes for an early-maturing soybean mutant by genome resequencing analysis. Molecular Genetics and Genomics, 2016, 291, 1561-1571. | 2.1 | 18 |
| 31 | Positional mapping and identification of novel quantitative trait locus responsible for UV-B radiation tolerance in soybean [Glycine max (L.) Merr.]. Molecular Breeding, 2016, 36, 1. | 2.1 | 6 |
| 32 | Molecular cloning, characterization, and expression analysis of lignin biosynthesis genes from kenaf (Hibiscus cannabinus L.). Genes and Genomics, 2016, 38, 59-67. | 1.4 | 6 |
| 33 | Comparison of Phytochemicals and Antioxidant Activity in Blackberry (Rubus fruticosus L.) Fruits of Mutant Lines at the Different Harvest Time. Plant Breeding and Biotechnology, 2016, 4, 242-251. | 0.9 | 23 |
| 34 | Selection of soybean mutant lines with altered seed coat colour and their antioxidant activity. Plant Breeding, 2015, 134, 573-579. | 1.9 | 2 |
| 35 | Identification of Environmentally Stable Wild Soybean Genotypes with High Alphaâ€Linolenic Acid Concentration. Crop Science, 2015, 55, 1629-1636. | 1.8 | 10 |
| 36 | Comparison of a high oleic acid soybean line to cultivated cultivars for seed yield, protein and oil concentrations. Euphytica, 2015, 201, 285-292. | 1.2 | 24 |

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|---|---|---|---|
| 37 | Detection of quantitative trait loci controlling UV-B resistance in soybean. Euphytica, 2015, 202, 109-118. | 1.2 | 12 |
| 38 | Selection and molecular characterization of a lipoxygenase-free soybean mutant line induced by gamma irradiation. Theoretical and Applied Genetics, 2014, 127, 2405-2413. | 3.6 | 17 |
| 39 | Genetic diversity and variation analysis of mutant lines derived from Î³-ray and chemical mutagen treatments in blackberry (Rubus fruticosus). Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, S114-S117. | 0.8 | 1 |
| 40 | Genome sequence of mungbean and insights into evolution within Vigna species. Nature Communications, 2014, 5, 5443. | 12.8 | 453 |
| 41 | Improvement of soybean through radiation-induced mutation breeding techniques in Korea. Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, S54-S57. | 0.8 | 12 |
| 42 | Stability of elevated Î±-linolenic acid derived from wild soybean (Glycine soja Sieb. & Zucc.) across environments. Euphytica, 2014, 195, 409-418. | 1.2 | 15 |
| 43 | Transcriptome profiling in response to different types of ionizing radiation and identification of multiple radio marker genes in rice. Physiologia Plantarum, 2014, 150, 604-619. | 5.2 | 33 |
| 44 | Identification of quantitative trait loci controlling linolenic acid concentration in PI483463 (Glycine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 3.6 | 28 |
| 45 | Genetic Diversity and Relationship Assessment based on AFLP Analysis in Blackberry (Rubus fructicosus) Tj ETQq1 1 0.784314 rgBT /Ov | 0.9 | 5 |
| 46 | Analyses of genetic diversity and relationships in four Calanthe taxa native to Korea using AFLP markers. Horticulture Environment and Biotechnology, 2013, 54, 148-155. | 2.1 | 9 |
| 47 | Analysis of the genetic relationship of gamma-irradiated in vitro mutants derived from standard-type chrysanthemum cv. Migok. Horticulture Environment and Biotechnology, 2013, 54, 76-81. | 2.1 | 22 |
| 48 | The identification of candidate radio marker genes using a coexpression network analysis in gammaâ€irradiated rice. Physiologia Plantarum, 2013, 149, 554-570. | 5.2 | 8 |
| 49 | Genetic mapping of quantitative trait loci conditioning salt tolerance in wild soybean (Glycine soja) PI 483463. Euphytica, 2013, 193, 79-88. | 1.2 | 73 |
| 50 | Evaluation of genetic diversity in Korean soybean landraces by protein banding patterns using high-throughput screening. Journal of Crop Science and Biotechnology, 2013, 16, 189-195. | 1.5 | 2 |
| 51 | Assessment of growth and seed oil composition of kenaf (Hibiscus cannabinus L.) germplasm. Journal of Crop Science and Biotechnology, 2013, 16, 297-302. | 1.5 | 12 |
| 52 | Mapping QTLs with epistatic effects and QTL-by-environment interactions for seed coat cracking in soybeans. Euphytica, 2012, 186, 933-942. | 1.2 | 23 |
| 53 | Genome-wide transcriptome profiling of ROS scavenging and signal transduction pathways in rice (Oryza sativa L.) in response to different types of ionizing radiation. Molecular Biology Reports, 2012, 39, 11231-11248. | 2.3 | 62 |
| 54 | Identification of mutations in OASA1 gene from a gammaâ€irradiated rice mutant population. Plant Breeding, 2012, 131, 276-281. | 1.9 | 14 |

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| 55 | Alteration of Seed Storage Protein Composition in Soybean [Glycine max (L.) Merrill] Mutant Lines Induced by Î³-Irradiation Mutagenesis. Journal of Agricultural and Food Chemistry, 2011, 59, 12405-12410. | 5.2 | 11 |