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Genetic distance obtained by RAPD markers in common bean of the Carioca group
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Effect of the purple non-sulfur bacterium (Rhodobacter sphaeroides) on the Brix, titratable acidity, ascorbic acid, organic acid, lycopene and β-carotene in tomato fruit
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Mapping QTLs of physiological traits associated with salt tolerance in ’Steptoe’×’Morex’ doubled haploid lines of barley at seedling stage
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Non-genetic factors affecting milk and reproductive traits of Swedish Red and White cattle raised organically in Turkey
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Effect of plant growth promoting rhizobacteria (PGPR) inoculation on fruit quality in sweet cherry (Prunus avium L.) cv. 0900 Ziraat
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Phenotypic changes and difference of phenotypic and genetic values of economic characters in silkworm Bombyx mori L.
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Missing prerequisites for Green Revolution in Africa: Lessons and challenges of Sawah rice eco-technology development and dissemination in Nigeria and Ghana
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Analysis model of air quality control management strategies in Tabriz
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Teak (Tectona grandis) growth as influenced by soil physicochemical properties and other site conditions in Ashanti region, Ghana
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Alternative evaluation and selection based on order degree entropy: A case study of the Haihe River basin in China
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Analysis of technical efficiency among community-based seed producers in the savannas of Borno State, Nigeria
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Effects of zeolite on seedling quality and nutrient contents of tomato plant (*Solanum lycopersicon* cv. Malike F1) grown in different mixtures of growing media
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