

Global trends in coffee agronomy research

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Abstract

This article empirically provides a scientific production trends overview of coffee agronomy at the global level, allowing us to understand the structure of the epistemic community on this topic. The knowledge contributions documented are examined using a bibliometric approach (spatial, productive, and relational) based on data from 1618 records stored in the Web of Science (JCR and ESCI) between 1963 and May 2021, applying traditional bibliometric laws and using VOSviewer for the massive treatment of data and metadata. At the results level, there was an exponential increase in scientific production in the last six decades, with a concentration on only 15 specific journals; the insertion of new investigative peripheral and semiperipheral countries and organizations in worldwide relevance coauthorship networks, an evolution of almost 60 years in relevant thematic issues; and a co-occurring concentration in three large blocks: environmental sustainability of forestry, biological growth variables of coffee, and biotechnology of coffee species; topic blocks that, although in interaction, constitute three specific communities of knowledge production that have been delineated over time. © 2021 by the authors. Licensee MDPI, Basel, Switzerland.

Author keywords

Agroforestry; Bibliometrics; Coffee biology; Coffee biotechnology; Coffee industry; Coffee species; Environmental sustainability; Global research; Scientific documentation