

عنوان مقاله:

RESEARCH DYNAMICS AND BIBLIOMETRIC INSIGHTS INTO MOISTURE-SENSITIVE WOODS

محل انتشار:

سومین کنفرانس بین المللی معماری، عمران، شهرسازی، محیط زیست و افق های هنر اسلامی در بیانیه گام دوم انقلاب (سال: 1402)

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نویسندگان:

,Atabak Harati - Master of Architecture student, Tabriz, Iran

,Armin Farshad - Master of Architecture student, Tehran, Iran

خلاصه مقاله:

This study undertakes a comprehensive bibliometric analysis of the literature surrounding moisture-sensitive wood. With the advent of sustainability in architecture, materials that offer environmental benefits alongside functional performance are increasingly pivotal. Moisture-sensitive woods, known for their natural ability to regulate indoor humidity, represent a nexus of traditional materials and modern sustainable design principles. This analysis maps the intellectual structure and evolution of research in this domain by examining data across the Web of Science database. It assesses publication outputs, citation trends, core topics, keywords, leading contributors, and collaboration networks. The goal is to illuminate prevailing patterns, identify critical research gaps, and suggest prospective areas for innovation. The findings reveal the growing prevalence and potential of moisture-sensitive woods in architecture, delineate the impact of current research, and highlight opportunities for future investigation. By dissecting the collaborative landscape, this study also fosters an understanding of the global research community's dynamics, propelling the integration of hygroscopic materials into pursuing healthier and more sustainable built environments.

کلمات کلیدی:

Wood Behavior, Plywood, Bibliometric analysis, Moisture-sensitive timber, Wood Science

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