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Research Evolution on Concentrated Solar Power From 2007 To 2018: A Bibliometric Focus

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Abstract: This article presents an analysis of the state of research on the trends of new technologies in concentrated solar power based on the information obtained for the period 2007-2018. The results obtained from the bibliometric techniques used made it possible to identify the behavior of production at an international level. Of the 486 publications, 81.5% correspond to articles in journals showing the strong influence that the scientific community has on this subject with the development of new technologies in the energy generation sector. In this period, the United States is the country with the highest production, occupying 28.2% of the volume of published articles. The results of this research provide researchers with an overview of how the development of this alternative production and supply of energy as a substitute for fossil fuels is progressing, with the aim of reducing the pollution generated by traditional processes.

Keywords : Concentrated solar power, bibliometric analysis, energy technology.

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