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Research Fronts

The Use of Images in the Forefront of Scientific Research

The text presents a study of the use and the role pictures have in papers of greater scientific impact, both from the standpoint of the use of them is made in the presentation of results, as well as their role in data collection based on research themselves. A representative sample is taken of articles included by the Institute for Scientific Information in Philadelphia as fundamental due to their impact on the different fronts of scientific research that the said compilation instrument identifies as fields of knowledge. The results demonstrate the gradual mass introduction in research systems and scientific instruments based on the production of images as a support and advocate, and even growing replacement and deletion, to the experimental data underlying the results of research and future lines of emerging knowledge. It thus becomes relevant and necessary to further deepen the critical study of the role of the image both to obtain cutting-edge knowledge and for the presentation of the results obtained in all areas of scientific research.

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