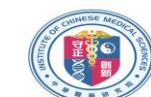


Exploring the Advances in Plaque Psoriasis Research: A Scientometric Analysis and Visualization (2000-2025)

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INTRODUCTION

AIMS & METHOD

Aim of study

- Mapping the research landscape
- Identifying research gaps and opportunities
- Evaluating research impact
- Informing policy and decision-making
- Fostering collaboration and knowledge sharing

Objective

- Evaluate the research productivity and growth trends in the field of psoriasis vulgaris
- Identify the most influential publications, authors, and institutions driving the research
- Analyze the thematic focus and emerging research areas in psoriasis vulgaris
- Explore the collaborative networks and interdisciplinary nature of the research
- Provide insights to guide future research priorities and resource allocation

Methodology

- Literature search (WOS)
- Scientometric review/ Results



Discussion on literature review /Recommendations for future

RESULTS & DISCUSSION

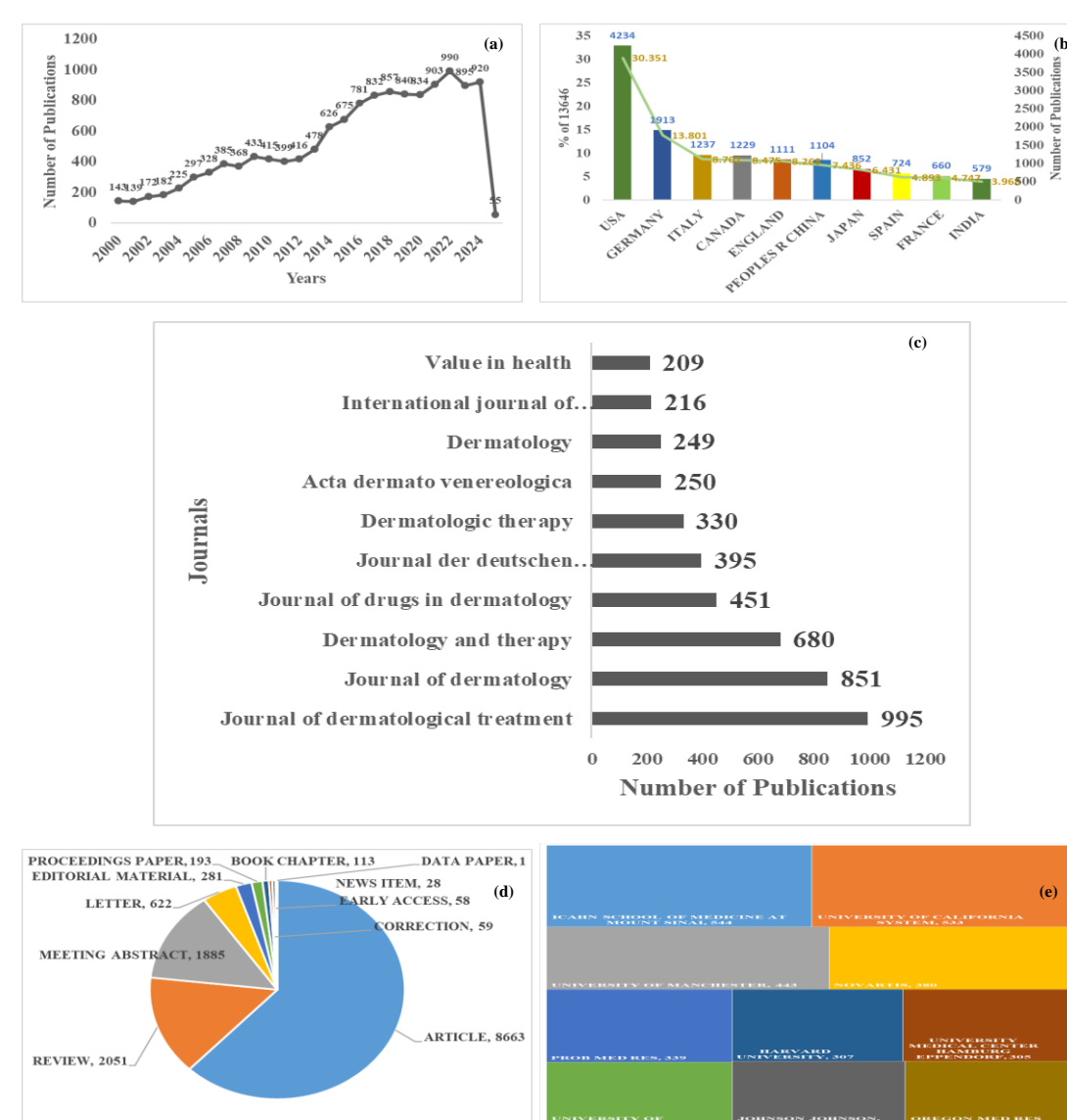


Figure 1 (a) Trend in research on Psoriasis vulgaris from 2000-2025, January. (b) Top ten countries with the most number of publications on scurf like psoriasis. (c) Top listed journals with most documents published on psoriasis vulgaris. (d) Types of documents published on psoriasis vulgaris. (e) Institutions with more than 100 publications on Scurf like psoriasis.

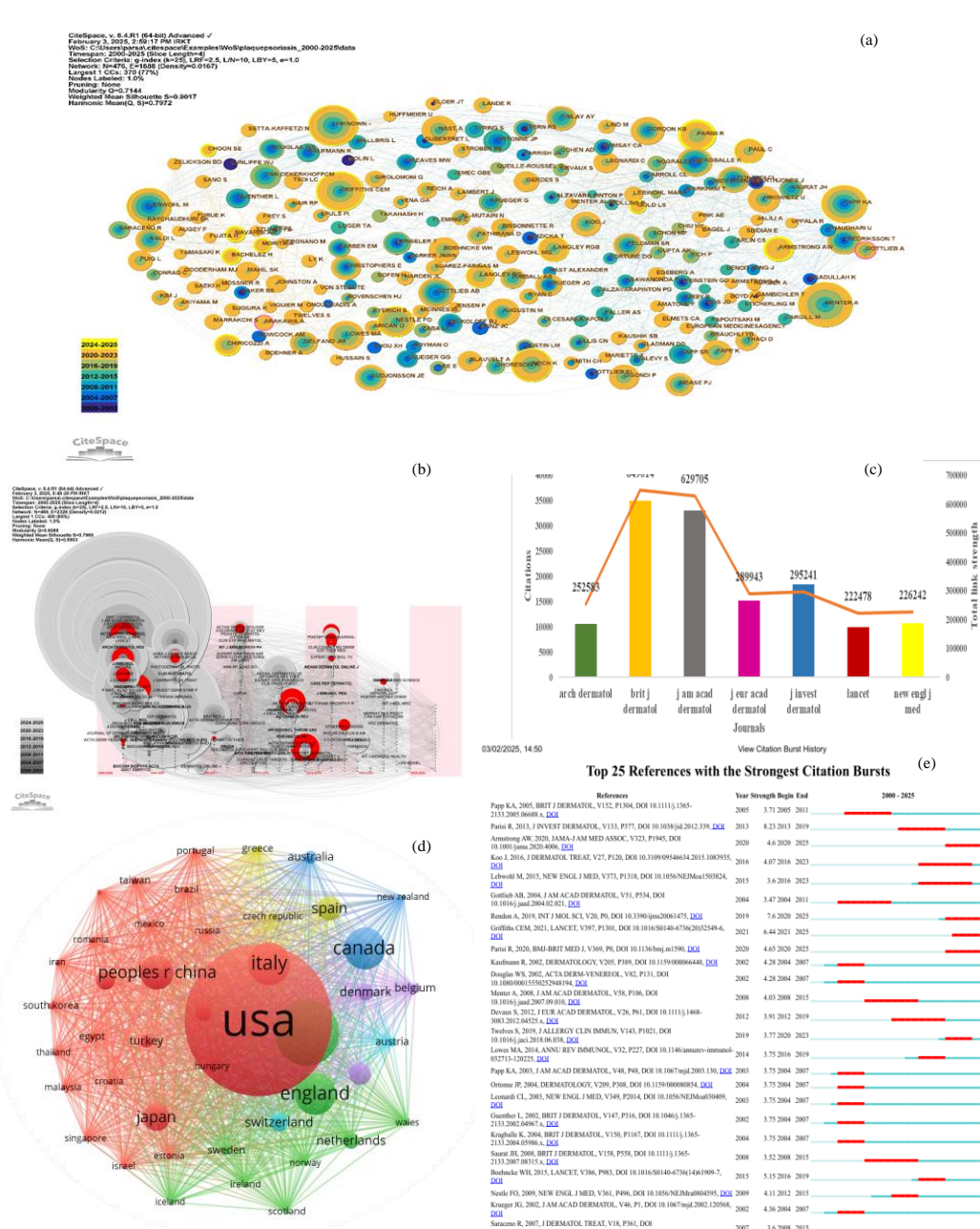


Figure 2 (a) Network map of author-co-citation analysis. (b) Timeline chart for journals with burst co-citations in red colour circles. (c) Combo graph showing Journal with high number of citations and link strength. (d) Bibliometric coupling of 44 countries. (e) References with strongest burst citation.

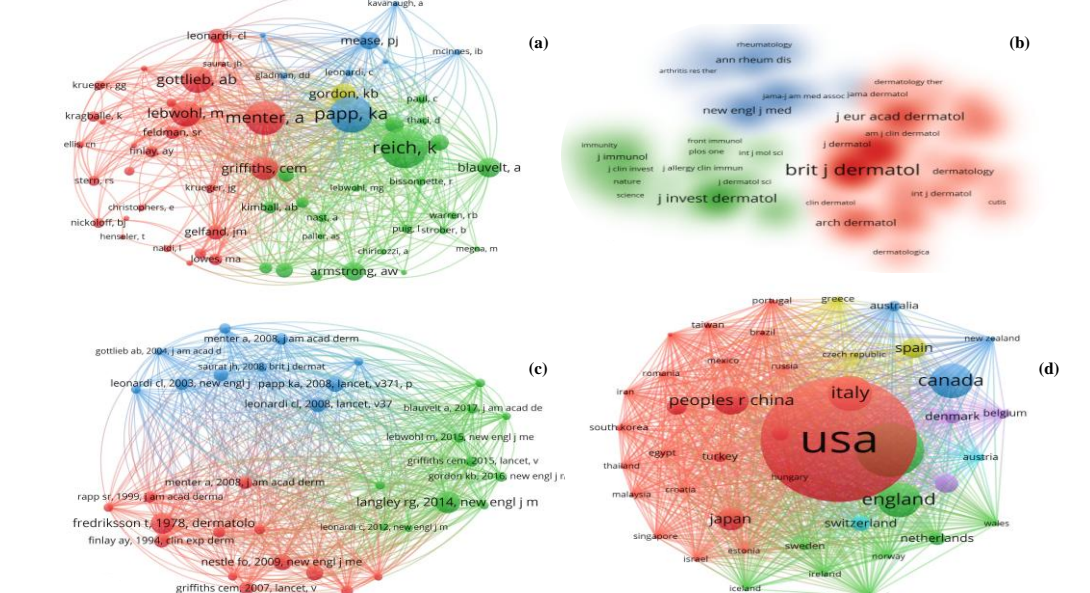


Figure 5 (a) Network of Cocitation-author analysis of 59 authors. (b) 3 clusters density visualization of Cocitation-sources. (c) Cocitation-document network of 59 publications. (d) Bibliometric coupling of 44 countries.

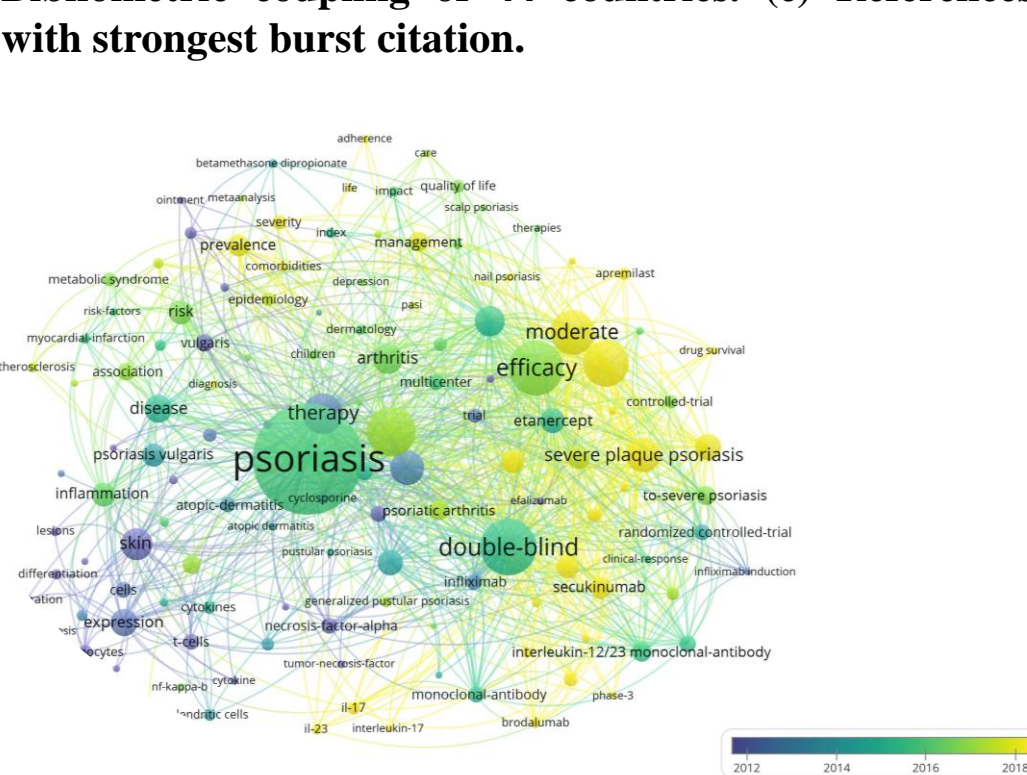


Figure 6. Keyword cooccurrence analysis

STRENGTHS & LIMITATIONS

CONCLUSION

This scientometric analysis of research on plaque psoriasis from 2000 to 2025 provides insights into the evolution, key contributors, collaborations, and research directions. The United States leads in this field, with Germany, Italy, and England following closely. China lags behind, with a nearly twofold difference. The study highlights a trend towards topical medicine and natural products derived from steroids, integrating pharmacology, nanotechnology, and immunology to address the disease and its associated comorbidities. The citation analysis identifies influential researchers and emphasises the need for diverse contributions. The findings suggest that enhancing cooperation and equitable research opportunities in plaque psoriasis treatment is feasible. Funders and policymakers should recognise and address geographical disparities in research, and global collaborations aimed at discovering natural cures can enhance patient outcomes worldwide.

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