

## Scientometric analysis: Insights into Austin Health researchers scientific productivity and influence

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### AIM:

- Research at Austin Health continues to positively impact treatment and care for patients.
- According to the 2020-2021 annual report, an average of 43 research papers are published a week.
- This scientometric study was designed to assess Austin Health's scientific productivity as indexed in Scopus.

### METHOD:

- This study was conducted by extracting Austin Health publications indexed in the Scopus citation database.
- Retrieved citation data were subjected to scientometric data analysis techniques.
- Excel and Vosviewer were used for data analysis.

### FINDINGS:

- Austin Health publications have increased during the years under review (1931-2022).
- The most scientific productions have been in 2015 and 2017.
- Austin has shown research strengths in Alzheimer's disease, epilepsy, stroke, mortality, epidemiology, intensive care, diabetics, and acute renal.
- Rinaldo Bellomo is the most prolific author of Austin Health.
- The USA, the UK, and Germany are the top three countries that contributed to Austin Health publications.

### CONCLUSION:

- This research provides insight into publication patterns, research impact, and research productivity of Austin Health researchers.
- Results can be used for the development of research strategy for Austin Health and to support and strengthen research in this institute.

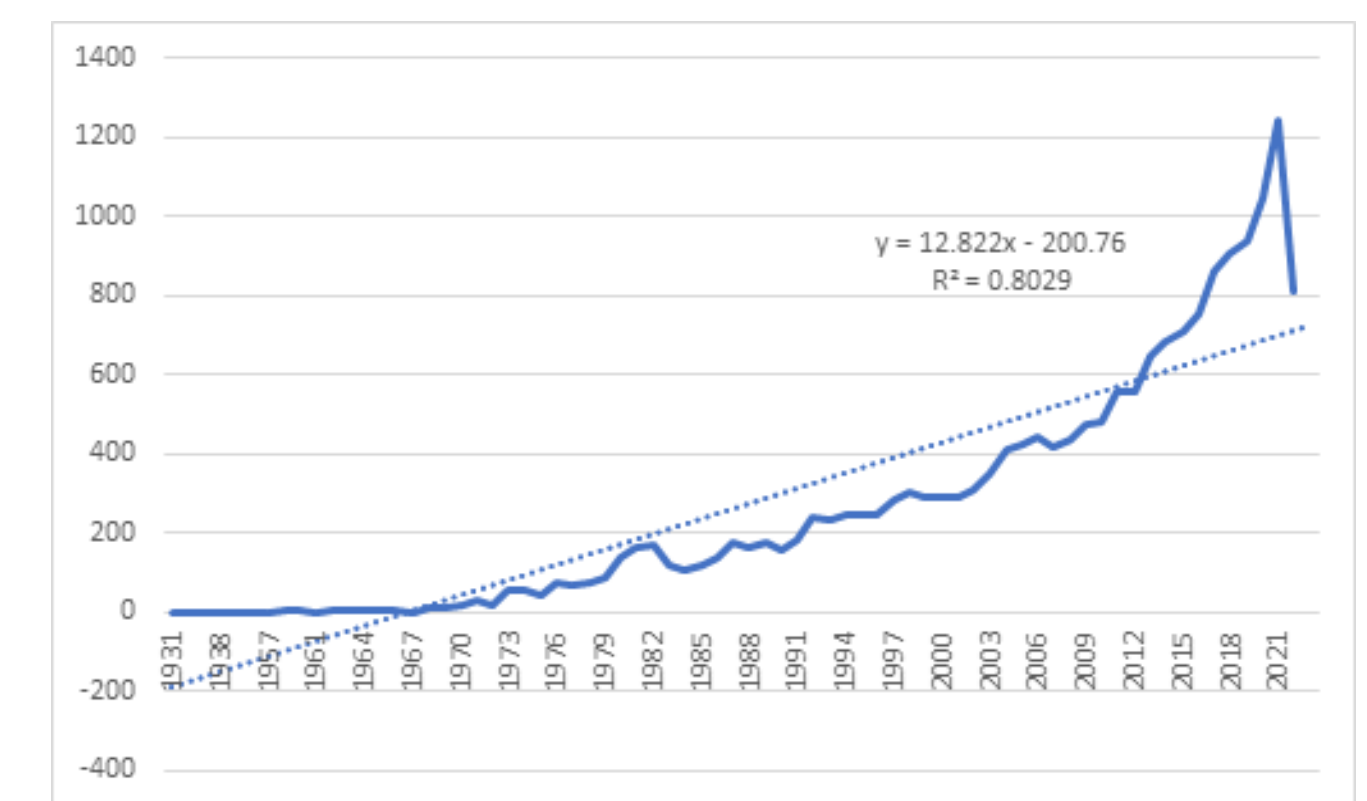
**Austin Health has a strong research culture. This Scientometric analysis confirms that research is embedded into the practice of clinicians at Austin Health.**

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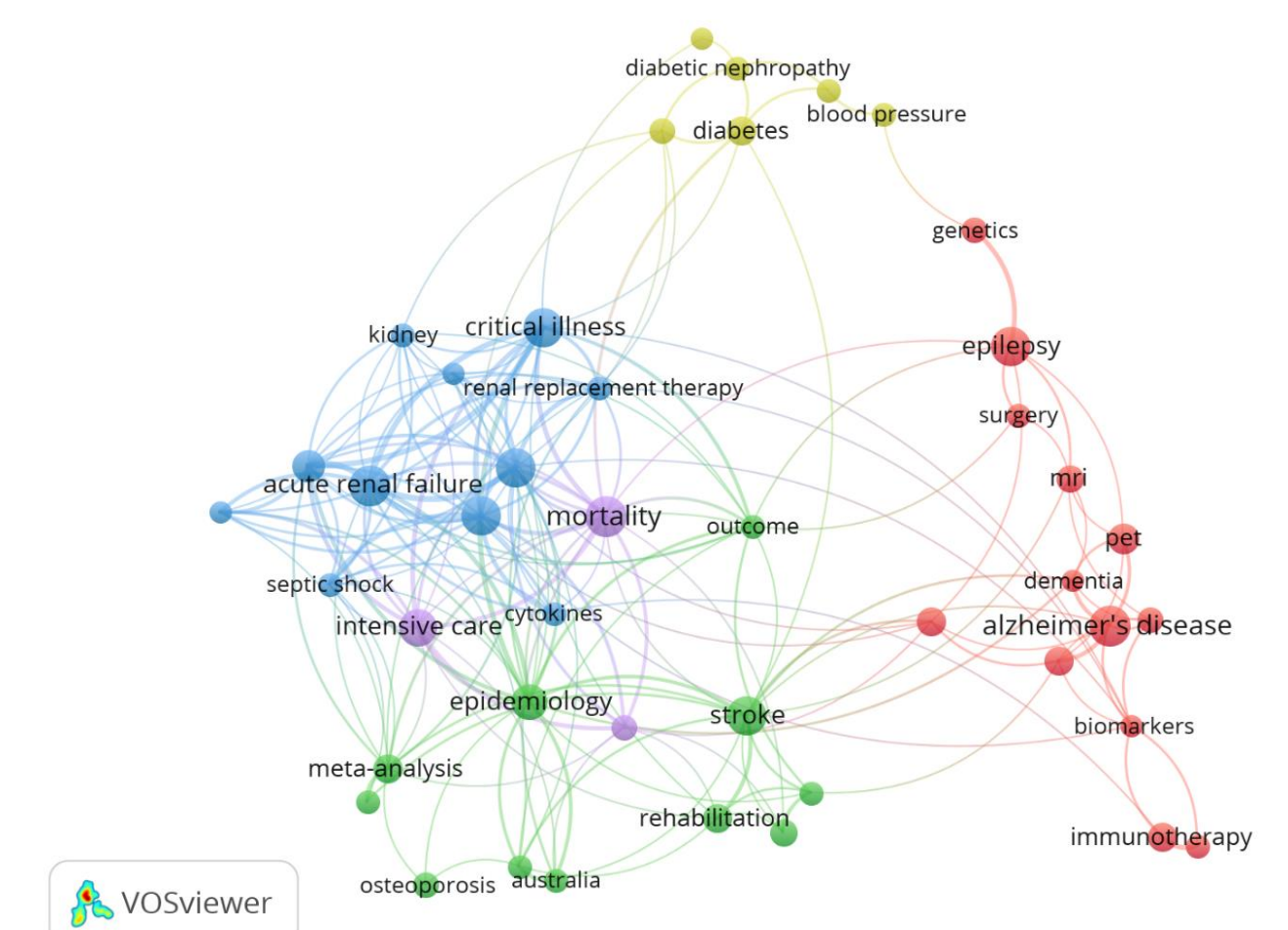
## Annual publications of Austin Health



## Most prolific authors of Austin Health publications

Rank	Author	TP= Total Publication	% Of 18,519	Country
1	Bellomo, R.	1348	7.27	Australia
2	Berkovic, S.F.	498	2.68	Australia
3	Scheffer, I.E.	438	2.36	Australia
4	Lawrentschuk, N.	377	2.03	Australia
5	Villemagne, V.L.	327	1.76	Australia
6	Donnan, G.A.	324	1.74	Australia
7	Scott, A.M.	320	1.72	Australia
8	Seeman, E.	312	1.68	Australia
9	Rowe, C.C.	289	1.56	Australia
10	Jerums, G.	268	1.44	Australia

## Co-occurrence analysis of keywords



## Co-authorship network of authors

