

Appendix A. Tables 3A. and 3B use THE's subject category Medicine & Dentistry; Table C uses SciVal and InCites Coronavirus Coronavirus topics.

TABLE A: Comparison of Medicine & Citation rankings between 2021 and 2022.

The lower the rank, the better the rankings. We can see that Southern U of Science & Technology, Huazhong U of Science & Technology, and Wuhan U show the greatest change in ranks

Institution	2021	2022
Southern U Sci & Tech	170	24
Tsinghua U	286	158
Peking U	252	202
Shenzhen U	260	126
Fudan U	271	233
Huazhong U Sci & Tech	368	86
Wuhan U	411	93
Shanghai Jiao Tong U	444	431
Zhejiang U	455	435
Nanjing U	253	280
Nankai U	230	236

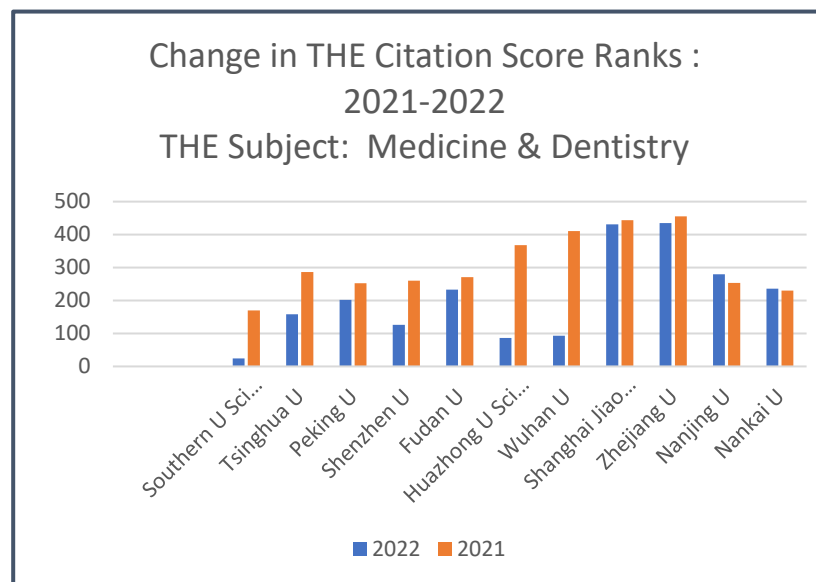


Table 3A compares the performance rankings of Chinese universities in research and citations for the Medicine and Dentistry subject category. Universities ranked highest in Research have higher overall rankings than those ranked higher in Citations. The research rankings for the top five outperform the universities' overall ranks while their citation ranks are below the universities' overall ranks. **Table 3A** compares the performance rankings of top 5 Chinese universities in predefined categories for Covid-19 from Elsevier's SciVal and Clarivate's InCites on a variety of different metrics.

Elsevier has a Topic Cluster COVID-19; SARS-CoV-2; Coronavirus TC.1500 accessible in SciVal. Clarivate has a Micro Citation topic Covid 1.104.1353 accessible in Incites Benchmarking & Analysis.

TABLE 3B: Research and Citation Ranks for Medicine and Dentistry 2022

	2022 Overall	Research Rank	Cite Rank
Tsinghua	16	5	158
Peking	16	6	202
Fudan	60	44	233
Zhejiang	75	42	435
Shanghai Jiao Tong U	84	35	431
Nanjing	105	83	280
Wuhan	157	190	93
Southern U S & T	162	171	24
Huazhong U S & T	181	183	86
Nankai	301	353	236
Shenzhen	351	342	126

Table 3C: Performance of universities in SciVal and Incites Covid-specific categories

Below are the top five institutions on selected metrics from the September 2021 updates

Citations	Publications	Views	Cites/Paper	Intl Collaborati	Impact Relative to the World
Huazhong	Harvard	Huazhong	Capital Med	Harvard	Peking U Med
Wuhan	Huazhong	Harvard	U Hong Kong	Huazhong	Capital Med
Harvard	U C London	Wuhan	Wuhan	UCL	U HK
Capital Medical	Wuhan U	UCL	Sun Yat-sen	Toronto	Charité
U Hong Kong	U Toronto	Oxford	Charité Med Berlin	Ntl U Singapore	Humboldt

Top 5 in Incites and not SciVal: Peking Union Medical , Citations and Citations per paper; Zhejiang and Fudan, Publications; and Humboldt U Berlin , Citations per paper.