



## Harbin, China

Harbin is the fourteenth-ranked cluster, out of 24 Chinese clusters, that falls within the top 100 S&T clusters in 2023. It filed **54 PCT applications** and published **9,244 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**53<sup>rd</sup>** largest science and technology cluster in 2023 (up two spots from 2022)

**66<sup>th</sup>** S&T cluster by intensity (relative to population density) in 2023 (up six spots from 2022)

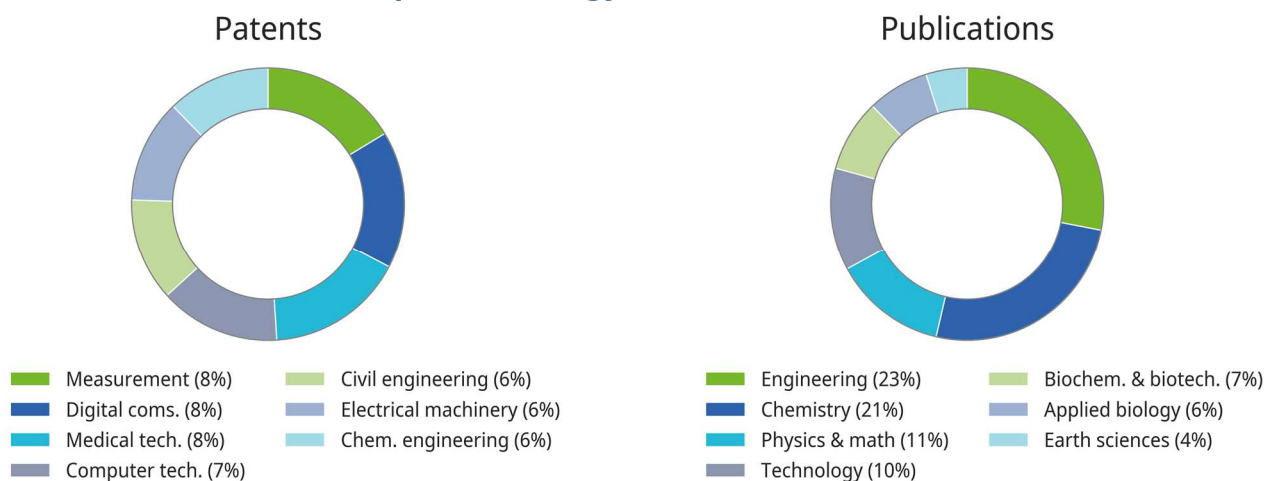
### Top PCT applicants

		Patents	Share
1	Harbin Institute of Technology	66	26%
2	Harbin Hytera Technology Corp., Ltd	22	9%
3	Harbin Engineering University	18	7%

### Top publishing organizations

		Articles	Share
1	Harbin Institute of Technology	17,787	41%
2	Harbin Engineering University	5,762	13%
3	Harbin Medical University	4,470	10%

### Top technology fields in Harbin



**16%** of Harbin's PCT patent applications are filed in collaboration with other inventors, with **Shenzhen-Hong Kong-Guangzhou, Beijing** and **Shanghai-Suzhou** emerging as the top collaborative locations.

**50%** of Harbin's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Beijing, Shenzhen-Hong Kong-Guangzhou** and **Shanghai-Suzhou**.