



## Tianjin, China

Tianjin is the tenth-ranked cluster, out of 24 Chinese clusters, that falls within the top 100 S&T clusters in 2023. It filed **149 PCT applications** and published **6,313 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**36<sup>th</sup>** largest science and technology cluster in 2023 (unchanged from 2022)

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

### Top PCT applicants

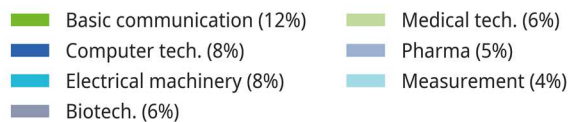
		Patents	Share
1	Tianjin University	273	22%
2	Rofs Microsystem	80	6%
3	Nankai University	43	3%

### Top publishing organizations

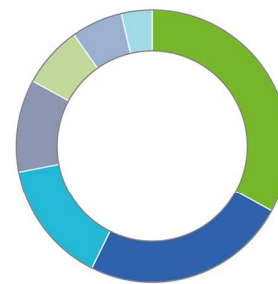
		Articles	Share
1	Tianjin University	17,636	33%
2	Nankai University	8,294	15%
3	Tianjin Medical University	4,785	9%

### Top technology fields in Tianjin

Patents



Publications



**14%** of Tianjin's PCT patent applications are filed in collaboration with other inventors, with **Beijing, Shenzhen-Hong Kong-Guangzhou** and **Shanghai-Suzhou** emerging as the top collaborative locations.

**56%** of Tianjin'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**.