



## Zhengzhou, China

Zhengzhou is the nineteenth-ranked cluster, out of 24 Chinese clusters, that falls within the top 100 S&T clusters in 2023. It filed **138 PCT applications** and published **4,756 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**75<sup>th</sup>** largest science and technology cluster in 2023 (up seven spots from 2022)

**91<sup>st</sup>** S&T cluster by intensity (relative to population density) in 2023 (up two spots from 2022)

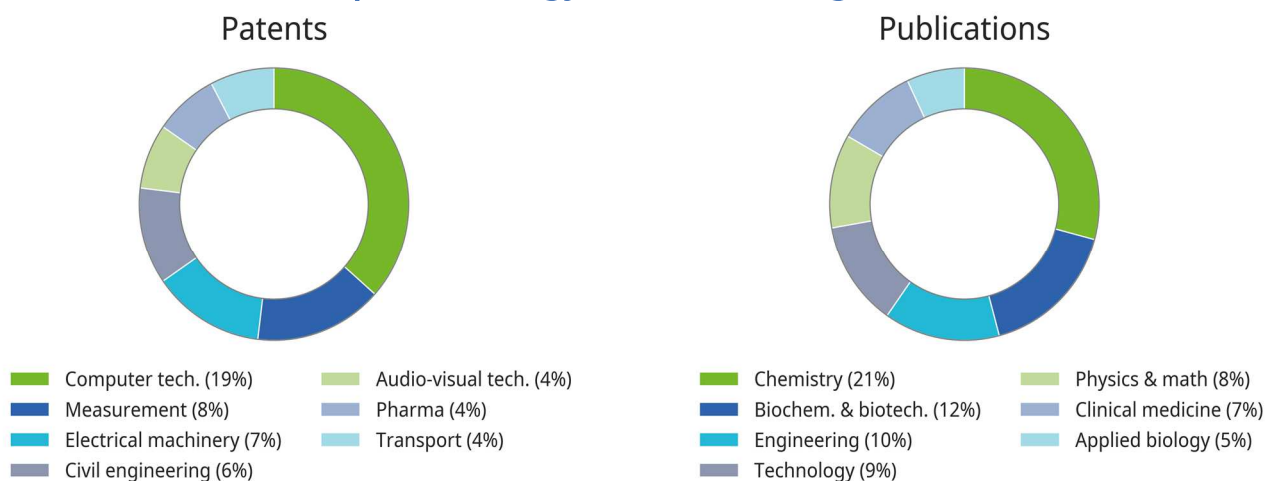
### Top PCT applicants

	Patents	Share
1	Zhengzhou Yunhai Information Technology Co., Ltd.	157 21%
2	Zhengzhou Yutong Bus Co., Ltd.	27 4%
3	Zhengzhou University	24 3%

### Top publishing organizations

	Articles	Share
1	Zhengzhou University	13,211 52%
2	Henan Agricultural University	1,630 6%
3	Henan University of Technology	1,481 6%

### Top technology fields in Zhengzhou



**13%** of Zhengzhou's PCT patent applications are filed in collaboration with other inventors, with **Beijing**, **Shenzhen-Hong Kong-Guangzhou** and **Wenzhou** emerging as the top collaborative locations.

**59%** of Zhengzhou'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**.