



Ningde, China

Ningde is the twenty-third-ranked cluster, out of 24 Chinese clusters, that falls within the top 100 innovation clusters in 2025. It filed **13,032 PCT applications**, published **733 scientific articles** and had **9 venture capital deals**, all per 1 million inhabitants over the latest five years, making it the:

99th largest innovation cluster in 2025

4th innovation cluster by intensity (relative to population density) in 2025

Top PCT applicants

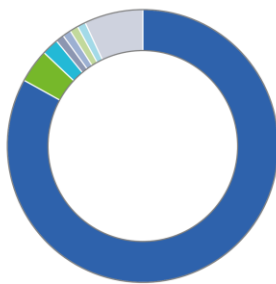
		Patents	Share
1	CATL	4,555	82%
2	NINGDE AMPEREX TECHNOLOGY LIMITED	941	17%
3	DONGGUAN POWERAMP TECHNOLOGY LIMITED	18	0%

Top publishing organizations

		Articles	Share
1	NINGDE NORMAL UNIVERSITY	182	59%
2	FUJIAN MEDICAL UNIVERSITY	32	10%
3	CONTEMPORARY AMPEREX TECHNOL CO LTD	15	5%

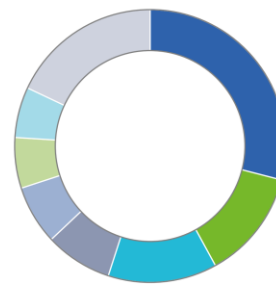
Top technology fields in Ningde

Patents



Electrical machinery (83%)	Semiconductors (1%)
Measurement (4%)	Machine tools (1%)
Transport (2%)	Handling (1%)
Computer tech. (1%)	Other (7%)

Publications



Chemistry (29%)	Applied biology (7%)
Engineering (13%)	Technology (6%)
Physics & math (13%)	Clinical medicine (6%)
Biochem. & biotech. (8%)	Other (18%)

1% of Ningde's PCT patent applications are filed in collaboration with other inventors, with **Shenzhen-Hong Kong-Guangzhou**, **Shanghai-Suzhou** and **Tokyo-Yokohama** emerging as the top collaborative locations.

87% of Ningde's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Fuzhou**, **Xiamen** and **Beijing**.