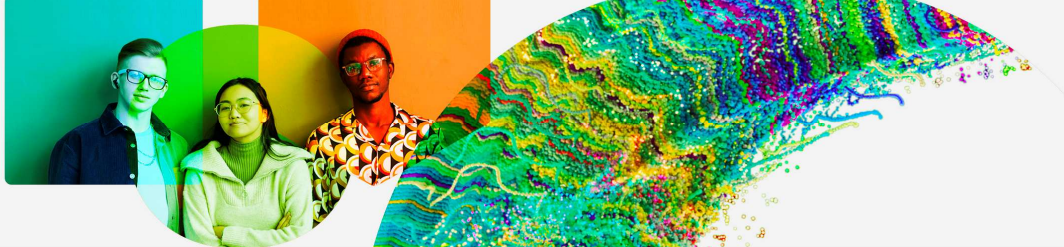# Global Innovation Index 2024
Nanchang, China

Nanchang is the twenty-fourth-ranked cluster, out of 26 Chinese clusters, that falls within the top 100 S&T clusters in 2024. It filed 114 PCT applications and published 5,292 scientific articles, both per 1 million inhabitants over the last five years, making it the:

94th largest science and technology cluster in 2024

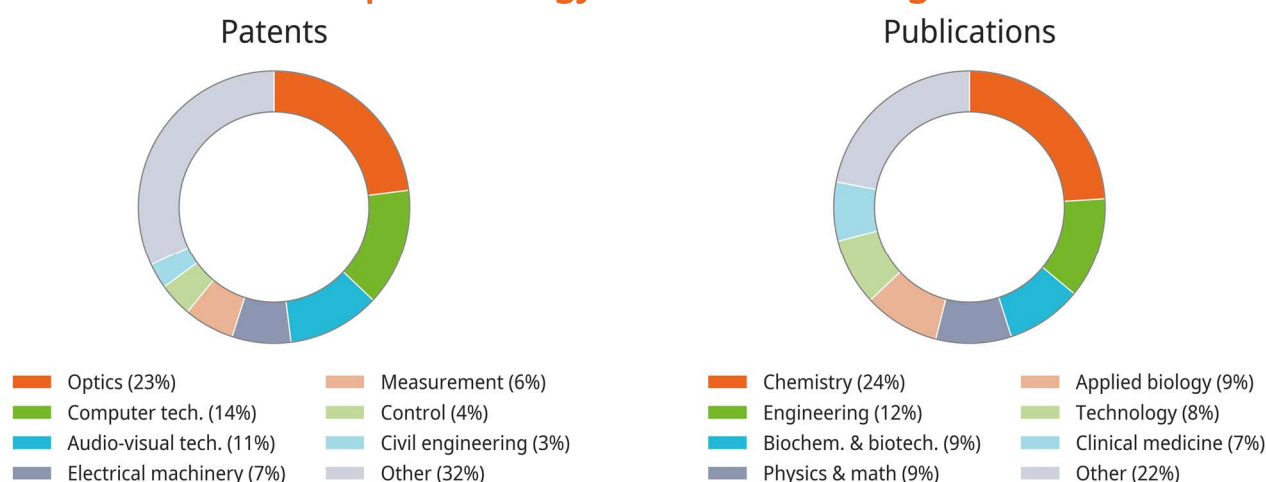**90th** S&T cluster by intensity (relative to population density) in 2024

Top PCT applicants

		Patents	Share
1	O-FILM BIO-IDENTIFICATION TECH.	50	11%
2	NANCHANG O-FILM OPTICAL-ELECTRONIC TECH CO., LTD.	47	10%
3	SHENZHEN A&E INTELLIGENT TECHNOLOGY	40	9%

Top publishing organizations

		Articles	Share
1	NANCHANG UNIVERSITY	9,129	43%
2	JIANGXI NORMAL UNIVERSITY	1,853	9%
3	JIANGXI AGRICULTURAL UNIVERSITY	1,491	7%

Top technology fields in Nanchang

Patents

- Optics (23%)
- Computer tech. (14%)
- Audio-visual tech. (11%)
- Electrical machinery (7%)
- Measurement (6%)
- Control (4%)
- Civil engineering (3%)
- Other (32%)

Publications

- Chemistry (24%)
- Engineering (12%)
- Biochem. & biotech. (9%)
- Physics & math (9%)
- Applied biology (9%)
- Technology (8%)
- Clinical medicine (7%)
- Other (22%)

8% of Nanchang's PCT patent applications are filed in collaboration with other inventors, with Shenzhen–Hong Kong–Guangzhou, Shanghai–Suzhou and Beijing emerging as the top collaborative locations.

57% of Nanchang'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.