Nanjing, China

Nanjing is the fourth-ranked cluster, out of 24 Chinese clusters, that falls within the top 100 S&T clusters in 2023. It filed 827 PCT applications and published 13,147 scientific articles, both per 1 million inhabitants over the last five years, making it the:

11th largest science and technology cluster in 2023 (up one spot from 2022)

28th S&T cluster by intensity (relative to population density) in 2023 (up seven spots from 2022)

Top PCT applicants

		Patents	Share
1	Southeast University	432	6%
2	Kunshan Govisionox Optoelectronics	217	3%
3	Nanjing University	208	3%

Top publishing organizations

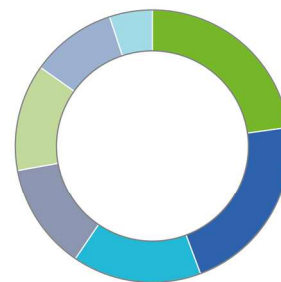|		Articles	Share
1	Southeast University - China	15,553	14%
2	Nanjing University	14,760	13%
3	Nanjing University of Aeronautics & Astronautics	9,768	9%

Top technology fields in Nanjing

Patents

- Computer tech. (10%)
- Electrical machinery (7%)
- Measurement (7%)
- Pharma (7%)
- Digital coms. (6%)
- Biotech. (5%)
- Machine tools (4%)

Publications

- Chemistry (18%)
- Engineering (17%)
- Technology (12%)
- Physics & math (10%)
- Earth sciences (10%)
- Biochem. & biotech. (8%)
- Applied biology (4%)

10% of Nanjing's PCT patent applications are filed in collaboration with other inventors, with Shanghai–Suzhou, Beijing and Shenzhen–Hong Kong–Guangzhou emerging as the top collaborative locations.

59% of Nanjing's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being Beijing, Shanghai–Suzhou and Shenzhen–Hong Kong–Guangzhou.