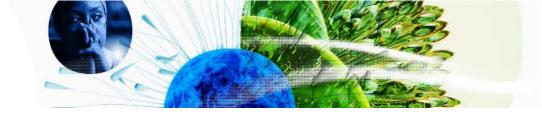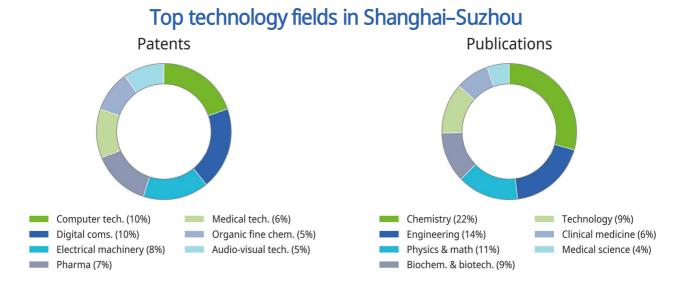# Shanghai–Suzhou, China

Shanghai–Suzhou is the third-ranked cluster, out of 24 Chinese clusters, that falls within the top 100 S&T clusters in 2023. It filed **838 PCT applications** and published 4,139 scientific articles, both per 1 million inhabitants over the last five years, making it the:

5th largest science and technology cluster in 2023 (up one spot from 2022)

74th S&T cluster by intensity (relative to population density) in 2023 (up eight spots from 2022)

Top PCT applicants

		Patents	Share
1	Aac Acoustic Technology	1,366	4%
2	Zte	730	2%
3	Suzhou University	552	2%

Top publishing organizations

		Articles	Share
1	Shanghai Jiao Tong University	34,391	21%
2	Fudan University	21,228	13%
3	Tongji University	15,703	10%

Top technology fields in Shanghai–Suzhou

Patents

- Computer tech. (10%)
- Digital coms. (10%)
- Electrical machinery (8%)
- Pharma (7%)
- Medical tech. (6%)
- Organic fine chem. (5%)
- Audio-visual tech. (5%)

Publications

- Chemistry (22%)
- Engineering (14%)
- Physics & math (11%)
- Biochem. & biotech. (9%)
- Technology (9%)
- Clinical medicine (6%)
- Medical science (4%)

13% of Shanghai–Suzhou's PCT patent applications are filed in collaboration with other inventors, with Beijing, Shenzhen–Hong Kong–Guangzhou and San Jose–San Francisco emerging as the top collaborative locations.

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