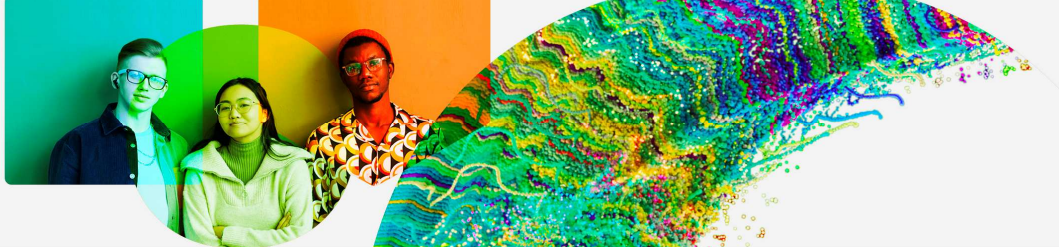


Global Innovation Index 2024

Wuhan, China



Wuhan is the fifth-ranked cluster, out of 26 Chinese clusters, that falls within the top 100 S&T clusters in 2024. It filed **851 PCT applications** and published **11,655 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

13th largest science and technology cluster in 2024

31st S&T cluster by intensity (relative to population density) in 2024

Top PCT applicants

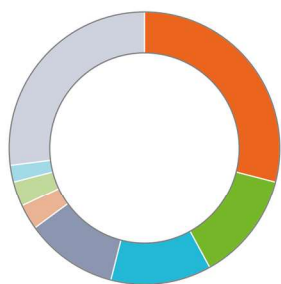
	Patents	Share
1 WUHAN CHINA STAR OPTOELECTRONICS SEMICONDUCTOR DISPLAY TECH.	2,458	33%
2 WUHAN CHINA STAR OPTOELECTRONICS TECH.	1,229	17%
3 YANGTZE MEMORY	600	9%

Top publishing organizations

	Articles	Share
1 HUAZHONG UNIVERSITY OF SCIENCE & TECH.	28,046	28%
2 WUHAN UNIVERSITY	20,432	20%
3 WUHAN UNIVERSITY OF TECHNOLOGY	8,726	9%

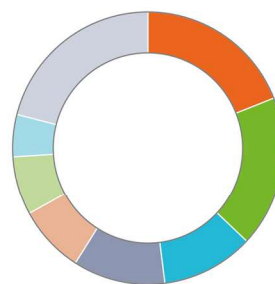
Top technology fields in Wuhan

Patents



Semiconductors (29%)	Measurement (3%)
Computer tech. (13%)	Digital coms. (3%)
Audio-visual tech. (12%)	Electrical machinery (2%)
Optics (11%)	Other (27%)

Publications



Chemistry (19%)	Physics & math (8%)
Engineering (18%)	Biochem. & biotech. (7%)
Technology (11%)	Clinical medicine (5%)
Earth sciences (11%)	Other (21%)

5% of Wuhan'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.

58% of Wuhan'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**.