



## Daejeon, Republic of Korea

Daejeon is the second-ranked cluster, out of 4 Korean clusters, that falls within the top 100 S&T clusters in 2023. It filed **5,226 PCT applications** and published **10,879 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**18<sup>th</sup>** largest science and technology cluster in 2023 (up two spots from 2022)

**6<sup>th</sup>** S&T cluster by intensity (relative to population density) in 2023 (down one spot from 2022)

### Top PCT applicants

		Patents	Share
1	LG Chem	5,227	43%
2	LG Energy Solution	1,709	14%
3	Kaist	448	4%

### Top publishing organizations

		Articles	Share
1	Kaist	7,388	29%
2	Chungnam National University	3,608	14%
3	Korea Atomic Energy Research Institute (Kaeri)	638	2%

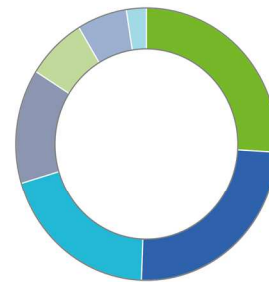
### Top technology fields in Daejeon

Patents



Electrical machinery (28%)	Semiconductors (5%)
Molecular chem. (8%)	Basic materials chemistry (3%)
Measurement (5%)	Chem. engineering (3%)
Organic fine chem. (5%)	

Publications



Chemistry (21%)	Biochem. & biotech. (6%)
Engineering (20%)	Earth sciences (5%)
Technology (16%)	Fundamental biology (2%)
Physics & math (11%)	

**24%** of Daejeon's PCT patent applications are filed in collaboration with other inventors, with **Seoul, Daegu** and **Gwangju** emerging as the top collaborative locations.

**67%** of Daejeon's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Seoul, Busan** and **Jeonju**.