



## Lyon, France

Lyon is the second-ranked cluster, out of 3 French clusters, that falls within the top 100 S&T clusters in 2023. It filed **1,133 PCT applications** and published **6,429 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**88<sup>th</sup>** largest science and technology cluster in 2023 (down seven spots from 2022)

**43<sup>rd</sup>** S&T cluster by intensity (relative to population density) in 2023 (down three spots from 2022)

### Top PCT applicants

		Patents	Share
1	Arkema	195	9%
2	Total Marketing Services	109	5%
3	Ifp Energies Nouvelles	99	5%

### Top publishing organizations

		Articles	Share
1	Universite de Lyon (Comue)	1,997	17%
2	Universite Claude Bernard Lyon 1	1,978	16%
3	Chu Lyon	1,418	12%

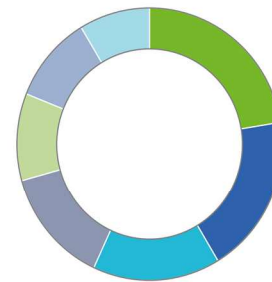
### Top technology fields in Lyon

Patents



Basic materials chemistry (11%)	Molecular chem. (7%)
Organic fine chem. (10%)	Transport (7%)
Electrical machinery (8%)	Pharma (5%)
Medical tech. (8%)	

Publications



Chemistry (13%)	Clinical medicine (6%)
Physics & math (11%)	Biochem. & biotech. (6%)
Engineering (9%)	Earth sciences (5%)
Technology (8%)	

**36%** of Lyon's PCT patent applications are filed in collaboration with other inventors, with **Paris, Grenoble** and **Cologne** emerging as the top collaborative locations.

**75%** of Lyon's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Paris, Grenoble** and **Marseille**.