arXiv Research Trend Summary (Last 12 Months)

- Latest month: 2025-10
- 12M uploads vs prior: 269,608 vs 239,339
- YoY change: +12.65% (+30,269)
- Rolling avg (6/12M): 23,582 / 22,467
- Trend slope: +235.4 papers/mo (+1.19%)
- 5Y CAGR: +9.10%
- Seasonality: peak Oct · low Jan

Key Metrics

12M Uploads **269,608**	**YoY Change** **+12.65% / +30,269**
Rolling Avg (6/12M) **23,582 / 22,467**	**Trend Slope (Δ / %)** **+235.4 / +1.19%**
Seasonality (Peak / Low) **Oct / Jan**	**5Y CAGR** **+9.10%**

Fastest Growing Categories
cs.GR, YoY +135.2%, Δ +553, Share 0.4%
stat.OT, YoY +81.0%, Δ +34, Share 0.0%
cs.PF, YoY +77.1%, Δ +74, Share 0.1%
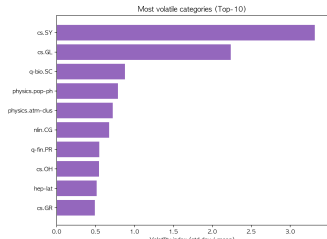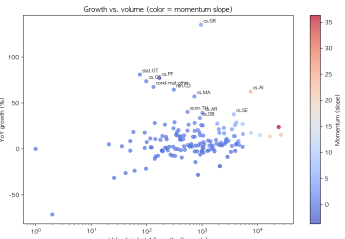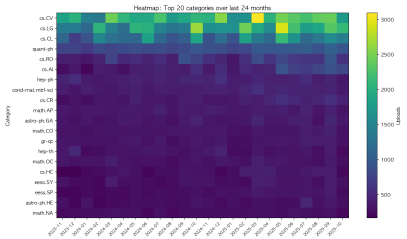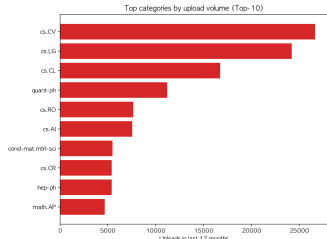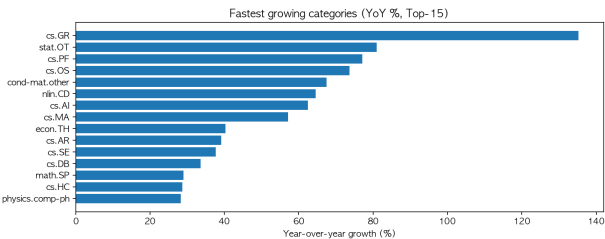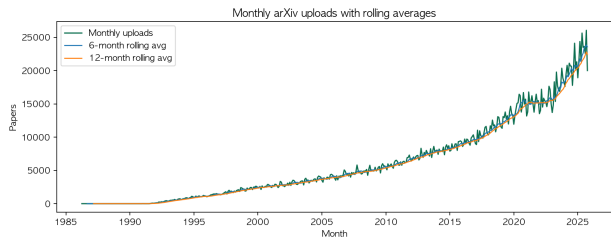
Largest Categories (By Volume)
cs.CV, YoY +15.4%, Δ +3,555, Share 9.9%
cs.LG, YoY +23.8%, Δ +4,661, Share 9.0%
cs.CL, YoY +13.5%, Δ +1,983, Share 6.2%

Categories Losing Momentum
cs.GL, YoY -71.4%, Δ -5, Share 0.0%
nlin.CG, YoY -31.6%, Δ -12, Share 0.0%
physics.app-ph, YoY -28.3%, Δ -335, Share 0.3%

Most Volatile Categories
cs.SY, YoY +0.0%, Δ +1, Share 0.0%
cs.GL, YoY -71.4%, Δ -5, Share 0.0%
q-bio.SC, YoY +5.0%, Δ +1, Share 0.0%

Monthly arXiv uploads with rolling averages

Fastest growing categories (YoY %, Top-15)

Top categories by upload volume (Top-10)

Heatmap: Top 20 categories over last 24 months

Growth vs. volume (color = momentum slope)

Most volatile categories (Top-10)