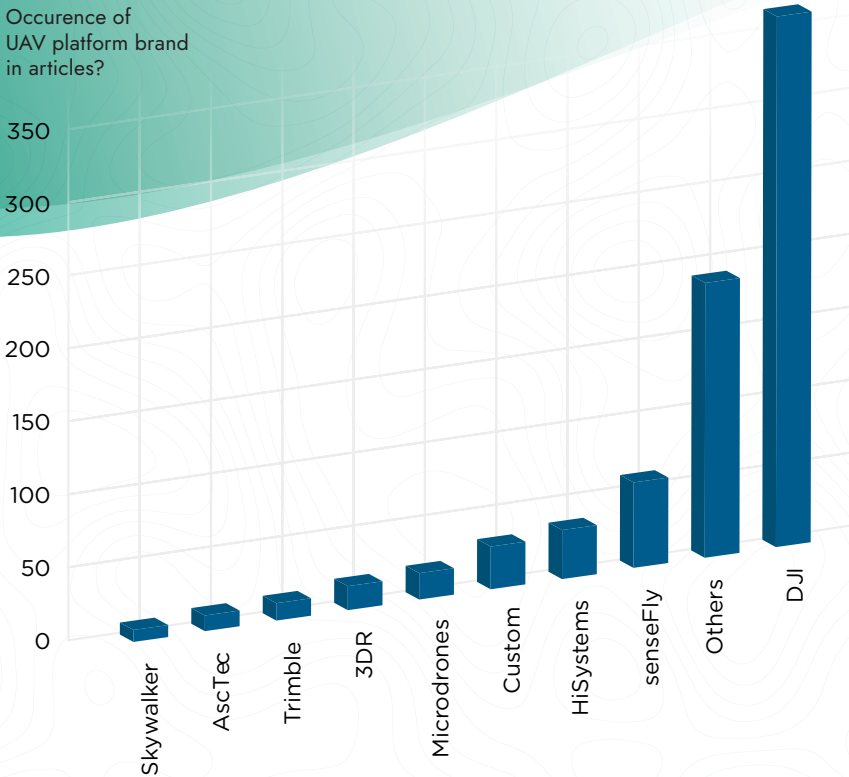




What are the top UAV platform brands found in academic studies?

Occurrence of UAV platform brand in articles?



The method

- Review of 73 research reviews (reviewing the reviewers, meta style) that covered 8,536 studies.
- Search of the major academic databases for anything UAV-related from 2012 onwards.
- Only reviews that properly documented their search process properly were included.

Findings

DJI is everywhere in academic studies — way more than any other brand. **Why?**

- their autopilot really works
- the cameras are stable,
- ready to fly out of the box

Almost all drone research depends on DJI.

Several popular brands from a few years ago (HiSystems, 3DR, AscTec) have already disappeared or been absorbed by bigger companies.

Runner up SenseFly (fixed-wing specialists). **Why?**

- fixed wing specialists
- long flight times
- precision mapping

A positive spin

Many researchers still build their own custom drones. The DIY spirit from the early open-source drone days is still alive and well.

The full story

Paper:

<https://ieeexplore.ieee.org/document/10431744>



Database:

<https://platform.icaerus.eu/drone-technologies>

