

# China Quantum Computing Progress

*Open-Source Intelligence in Action*

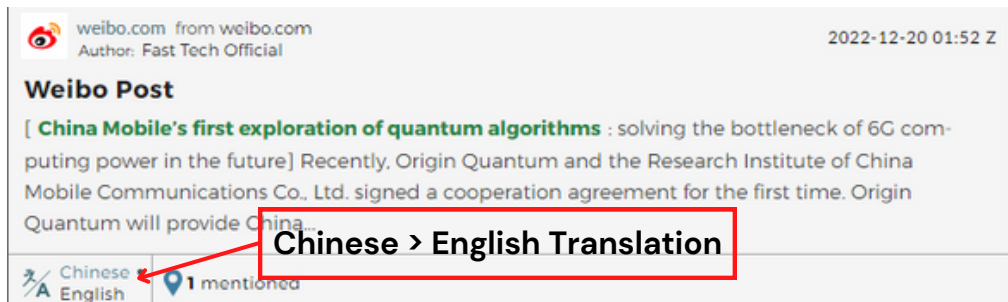
## Background

- The Chinese government has prioritized strategic investment in quantum computing, making it a key aim in its latest five-year plan.
- There is evolving concern about risks associated with how quickly key encryption standards could become obsolete in the face of a real quantum breakthrough.
- In a paper published December 2022\* (currently under peer review), Chinese scientists claimed they are capable of breaking encryption with quantum computing. This breakthrough—if real—would be a threat to U.S. national security.

\*Source: [Greek Reporter](#)

## Deeper Insight

Babel Street analysts, accessing publicly available information spread across both English and Non-English language news sources, showcased the escalating Chinese prioritization of advances in quantum computing. The Babel Street platform enables users to quickly collect insight on this important topic from a range of perspectives.

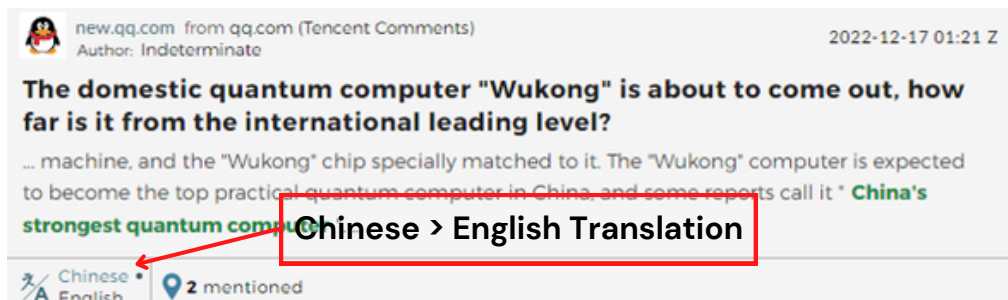


weibo.com from weibo.com  
Author: Fast Tech Official  
2022-12-20 01:52 Z

**Weibo Post**

[ **China Mobile's first exploration of quantum algorithms** : solving the bottleneck of 6G computing power in the future] Recently, Origin Quantum and the Research Institute of China Mobile Communications Co., Ltd. signed a cooperation agreement for the first time. Origin Quantum will provide China.

Chinese > English Translation



new.qq.com from qq.com (Tencent Comments)  
Author: Indeterminate  
2022-12-17 01:21 Z

**The domestic quantum computer "Wukong" is about to come out, how far is it from the international leading level?**

... machine, and the "Wukong" chip specially matched to it. The "Wukong" computer is expected to become the top practical quantum computer in China, and some reports call it " **China's strongest quantum computer**".

Chinese > English Translation



twitter.com from twitter.com  
2023-01-04 21:10 Z

**Over Security**

**Chinese researchers** claim to have broken **RSA** with a **quantum computer**. Experts aren't so sure.

Researchers in China are claiming a breakthrough in quantum computing, figuring out how to **break the RSA** public-key encryption system.



## The Power of Publicly Available Information: China Quantum Computing Progress



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