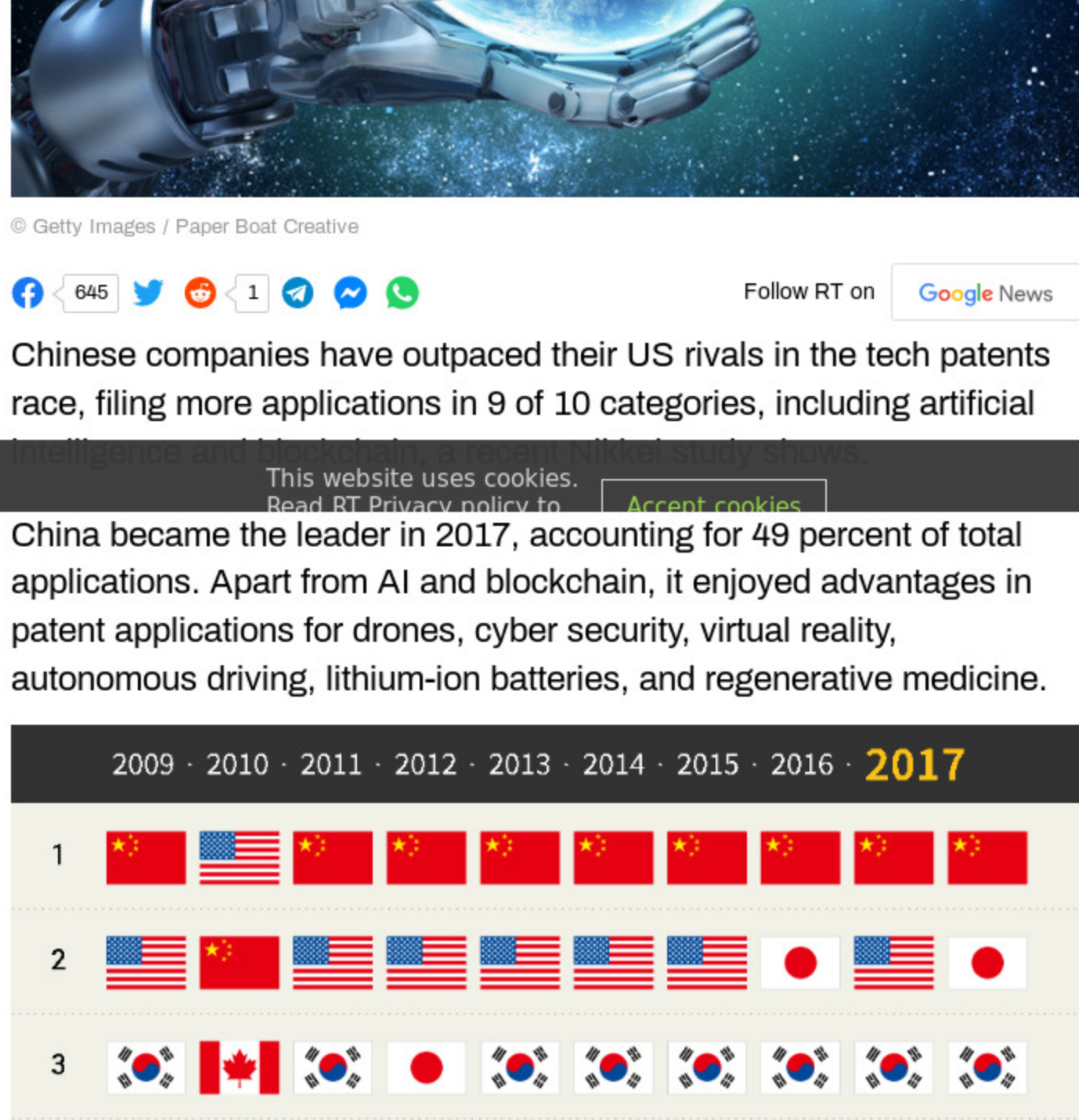


China beats US in key patents to secure technological dominance – report

15 Feb, 2020 11:44

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Chinese companies have outpaced their US rivals in the tech patents race, filing more applications in 9 of 10 categories, including artificial

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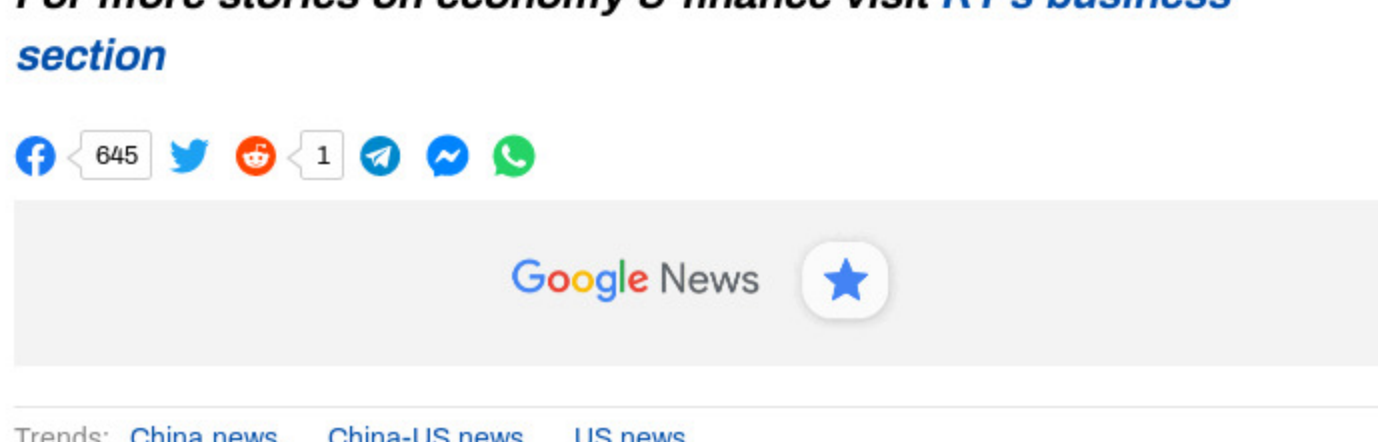
China became the leader in 2017, accounting for 49 percent of total applications. Apart from AI and blockchain, it enjoyed advantages in patent applications for drones, cyber security, virtual reality, autonomous driving, lithium-ion batteries, and regenerative medicine.

2009 · 2010 · 2011 · 2012 · 2013 · 2014 · 2015 · 2016 · 2017



The only sphere in which China is still trying to catch up to the US is the strategically important quantum computing. However, the report analyzed patents filed from 2000 to 2017, and China has already launched what it calls a "megaproject" for quantum research, aiming to achieve significant breakthroughs by 2030.

The driving force behind China's push for global hegemony in advanced technology are four companies known as 'BATH' – Baidu, Alibaba Group, Tencent, and Huawei. Chinese tech major Huawei has been targeted and banned by the US, which is pushing its allies to ban the firm over spying allegations.



China's AI industry will be worth \$30 BILLION by 2022

The report says US companies still dominate in terms of quality – among the 100 innovators that made it into the top 10 of all categories, 64 are American and only one is Chinese.

However, the situation could change dramatically over the next decade. China has the world's second-largest science and technology budget, amounting to \$460 billion in 2017. If it continues to boost expenditures at the same pace, it could eventually dethrone the US, which poured more than \$500 billion into the field in 2017, according to the study.

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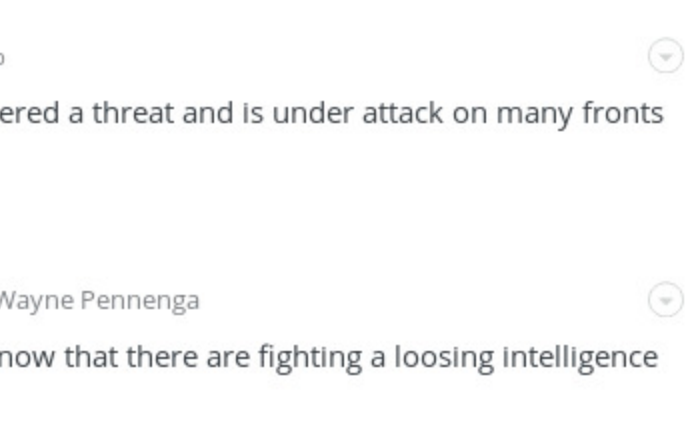
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Conversation (234)

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stardusty Leader · 15 Feb

I have studied with students from Asian Countries. I could not hold a candle to their intellect and math skills. They could do complex math on their fingers, lightning fast. The US will always struggle competing against Asia's brightest. Thank Goodness. The World needs more than one superdooper power.

NatureTruth Leader · 16 Feb

China 1st grade stay in Qinghua or Belda. 2nd grade Join 11 top uni. 3rd grade take scholarship go to excel in Harvard or Cambridge & get PhD research fellowship. 4th grade take scholarship study in Spore, Jp, HK, UK, Germany, Fr, Oz, Nz top Uni STEMs, ended 1st class. 5th grade go to Msia, Asia, or stay back...

We are rated No.1 in PISA, IQ, Olympiad, Top5 uni, Top scorers in US ivory universities, yet we are screwed by their 4th grade. These are the best 1%(14M) from 1400M.

Dave Horsman Leader · 16 Feb

You are not meeting the average student I imagine. Where?

Dennis Wayne Pennenga Leader · 15 Feb

Its the very reason why China is considered a threat and is under attack on many fronts by the West.

bibive Leader · 16 Feb

Yes the USA and the West there now that there are fighting a losing intelligence War with China/Asia!!!

tvoyamat Leader · 15 Feb

China has been ahead in the IT field for while now, though you wouldn't really notice it until you actually read the amount of published papers and their fascinatingly brilliant content.

Lary719 Leader · 16 Feb

Fake news? It isnt something theoretic, but practical. China make and give access to people without embargo.

New Orwell Leader · 16 Feb

What?!! Are you being serious? They blatantly steal it all.

FelixTcat Leader · 15 Feb

The writing has been on the wall for a long time, with just the sheer number of people China have and their commitment to education it was just a matter of time before they took the lead. The US was fortunate that they had the large supply of foreign talent that came to study and ended up staying, but now they're having to start relying on home grown talent and their is no way they can compete.

AU_Then Leader · 18 Feb

Even then, that 'home-grown' talent could well move to China for better opportunities, and the Chinese who moved to the US for opportunities, the could well move back to China.

AntiFakeNews Leader · 16 Feb

"I but now they're having to start relying on home grown talent" - Indeed the main reason for their stall.

GreenPizza804 Leader · 15 Feb

Just matter of time thing. As long US just know give the most money to their military.

Irist5 Leader · 16 Feb

Trump created jobs that way: it was a quick fix to get the economy going hotter. The problem with it is that this doesn't necessarily result in novel products or an overall development of tech. The military needs only certain technologies, but not others.

brokklu Contributor · 15 Feb

That's a good point the US invested a lot in the Military and skipped on education which initially might prove to be advantageous but in the long run that decision has left them with no alternative but to fight dirty or start another war. Hence their attitude towards any of their competitors must be aggressive and as Trump would put it DISGRACEFUL!

Emery Leader · 15 Feb

It is what it is. I am not surprised. The Chinese are industrious and intelligent.

Dave Horsman Leader · 16 Feb

Yeah. As in who cares right? Good for them.

Karma_Mechanic Leader · 15 Feb

No reason China and to a larger extent, Asian people work hard. Korean, Japanese and South East Asians they all have Chinese blood. Mostly, they study hard and contribute to the society at large, they don't do bullshit, eat junk food, disrespect others like the Westerners do. It's not perfect, but this fact is largely true.

This message was deleted.

Karma_Mechanic Leader · 16 Feb

I'm like you bro.

Jeff_P Leader · 15 Feb

And where, I'd like to know, would The West be without that Chinese invention of the 9th century called gunpowder?

Dave Horsman Leader · 16 Feb

Europe?

Jcc803 Leader · 16 Feb

Gunpowder development would have probably been similar to that of movable type. It was considered a novelty in China when it was discovered in the 11th century but took off like a rocket when Guttenberg invented it independently in Europe in the 15th century.

Aviro_Nevo Leader · 15 Feb

American self-destructive predator ways are not welcome

Hanonymouse Leader · 15 Feb

China will eventually end up eating everybody's lunch. Get used to the Idea.

Wandering_One Leader · 16 Feb

That will never happen.

This message was deleted.

Dave Horsman Leader · 16 Feb

Well aren't you kinky.

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