

## DAFTAR PUSTAKA

- Agudelo, Carolina Suárez. *Individual Applied Report Week 12*. n.d.
- Akilli, Erman. *America's AI Dominance Race: A Wake-up Call for the World*. n.d.
- Alfian, Muhammad Faizal, Maula Hudaya, Palupi Anggraheni, and Arief Zuliyan. *TECHNOLOGY AS AN INSTRUMENT IN GREAT POWER POLITICS: AN OVERVIEW OF THE US-CHINA TECH WAR*. 10, no. 1 (2025).
- . *TECHNOLOGY AS AN INSTRUMENT IN GREAT POWER POLITICS: AN OVERVIEW OF THE US-CHINA TECH WAR*. 10, no. 1 (2025).
- “Another Technology Race: US-China Quantum Computing Landscape | The Belfer Center for Science and International Affairs.” Accessed January 14, 2026. <https://www.belfercenter.org/research-analysis/another-technology-race-us-china-quantum-computing-landscape>.
- Atkinson, Robert D. *China Is Rapidly Becoming a Leading Innovator in Advanced Industries*. n.d.
- . *China Is Rapidly Becoming a Leading Innovator in Advanced Industries*. n.d.
- Balaram, V. “Rare Earth Elements: A Review of Applications, Occurrence, Exploration, Analysis, Recycling, and Environmental Impact.” *Geoscience Frontiers* 10, no. 4 (July 2019): 1285–303. <https://doi.org/10.1016/j.gsf.2018.12.005>.
- “Big Fund III: China's Long Game To Control The Chips That Make The World Work – Analysis – Eurasia Review.” Accessed January 20, 2026. <https://www.eurasiareview.com/10122025-big-fund-iii-chinas-long-game-to-control-the-chips-that-make-the-world-work-analysis/>.
- Blackwill, Robert D., and Jennifer M. Harris. *War by Other Means: Geoeconomics and Statecraft*. First Harvard University Press paperback edition. A Council on Foreign Relations Book. Cambridge, Massachusetts London, England: The Belknap Press of Harvard University Press, 2017.
- Bowlus, Spencer. *HOW IS THE CHINESE DOMINATION OF THE SUPPLY CHAIN OF RARE EARTH ELEMENTS AFFECTING THE RELATIVE POWER OF CHINA COMPARED TO THE US?* n.d.
- Brown, Alexander, and Jeroen Groenewegen-Lau. *LAB LEADER, MARKET ASCENDER: CHINA'S RISE IN BIOTECHNOLOGY*. n.d.
- Center for Security and Emerging Technology, Autumn Toney, and Melissa Flagg. *Comparing the United States' and China's Leading Roles in the Landscape of Science*. Center for Security and Emerging Technology, 2021. <https://doi.org/10.51593/20210020>.
- Chen, Anthony W., Jim Chen, and V. Reddy Dondeti. “The US-China Trade War: Dominance of Trade or Technology?” *Applied Economics Letters* 27, no. 11 (June 2020): 904–9. <https://doi.org/10.1080/13504851.2019.1646860>.
- . “The US-China Trade War: Dominance of Trade or Technology?” *Applied Economics Letters* 27, no. 11 (June 2020): 904–9. <https://doi.org/10.1080/13504851.2019.1646860>.

- “China Biotech Boom: Generics Producer to Innovation Leader | Morgan Stanley.” Accessed January 14, 2026. <https://www.morganstanley.com/insights/articles/china-biotech-boom-generics-to-innovators>.
- “China Reaches New Milestone in Space-Based Quantum Communications | Scientific American.” Accessed January 14, 2026. <https://www.scientificamerican.com/article/china-reaches-new-milestone-in-space-based-quantum-communications/>.
- “China Science and Technology Newsletter Issue 20-21(2013)\_Посольство Китайской Народной Республики в Российской Федерации.” Accessed December 23, 2025. [https://ru.china-embassy.gov.cn/rus/kjhz\\_0/zgkjtjx/202504/t20250430\\_11614054.htm](https://ru.china-embassy.gov.cn/rus/kjhz_0/zgkjtjx/202504/t20250430_11614054.htm).
- “China-Pakistan Economic Corridor (CPEC) | Map, Progress, Impact, & BRI | Britannica.” Accessed January 21, 2026. <https://www.britannica.com/topic/China-Pakistan-Economic-Corridor>.
- “China’s Biotech Rise and Global Innovation Challenges - CKGSB.” Accessed January 14, 2026. <https://english.ckgsb.edu.cn/knowledge/article/china-biotech-rise-and-global-innovation-challenges/>.
- “China’s Emerging Industries - Opportunities for Foreign Investors.” Accessed September 6, 2025. <https://www.china-briefing.com/news/opportunities-in-chinas-emerging-and-high-tech-industries/>.
- Cidell, J. “Fenced off: The Suburbanization of American Politics.” *Political Geography* 22, no. 6 (August 2003): 705–7. [https://doi.org/10.1016/S0962-6298\(02\)00050-1](https://doi.org/10.1016/S0962-6298(02)00050-1).
- Clay, Ian, and Robert Atkinson. *Wake Up, America: China Is Overtaking the United States in Innovation Output*. n.d.
- “Competing with China’s Digital Silk Road.” Accessed December 22, 2025. <https://www.csis.org/analysis/competing-chinas-digital-silk-road>.
- Data Protection Laws of the World. *Data Protection Laws of the World-China*. n.d.
- “Data Security Law of the People’s Republic of China.” Accessed January 20, 2026. [http://www.npc.gov.cn/englishnpc/c2759/c23934/202112/t20211209\\_385109.html](http://www.npc.gov.cn/englishnpc/c2759/c23934/202112/t20211209_385109.html).
- “Despite Its Stunning Innovation Record China Is Not yet a Challenger to American Hegemony - LSE Business Review.” Accessed January 14, 2026. <https://blogs.lse.ac.uk/businessreview/2025/12/05/despite-its-innovation-record-china-is-not-yet-a-challenger-to-american-hegemony/>.
- “Dominance and Technology War by Kai A. Konrad :: SSRN.” Accessed November 17, 2025. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4610471](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4610471).
- “Executive Summary - Biotech.” Accessed January 7, 2026. <https://www.biotech.senate.gov/final-report/chapters/executive-summary/>.
- “FACTBOX - How Dominant Is China in the Global Rare Earths Industry?” Accessed September 2, 2025. <https://www.aa.com.tr/en/americas/factbox-how-dominant-is-china-in-the-global-rare-earths-industry/3542506>.

- Fan, John Hua, Akihiro Omura, and Eduardo Roca. "Geopolitics and Rare Earth Metals." *European Journal of Political Economy* 78 (June 2023): 102356. <https://doi.org/10.1016/j.ejpoleco.2022.102356>.
- "FDA Menyetujui Toripalimab-Tpzi Untuk Karsinoma Nasofaring | FDA." Accessed January 7, 2026. <https://www.fda.gov/drugs/resources-information-approved-drugs/fda-approves-toripalimab-tpzi-nasopharyngeal-carcinoma>.
- "Goeconomics: The Chinese Strategy of Technological Advancement and Cybersecurity | Lawfare." Accessed November 17, 2025. <https://www.lawfaremedia.org/article/geoeconomics-chinese-strategy-technological-advancement-and-cybersecurity>.
- "Geopolitics Threatens Chinese Biotechs' Hot out-Licensing Biz." Accessed January 7, 2026. <https://www.fiercebiotech.com/biotech/chinese-biotechs-out-licensing-business-scorching-hot-could-geopolitics-rain-their-parade>.
- Grimes, Seamus, and Debin Du. "China's Emerging Role in the Global Semiconductor Value Chain." *Telecommunications Policy* 46, no. 2 (March 2022): 101959. <https://doi.org/10.1016/j.telpol.2020.101959>.
- Han, Kiki, Franck Le Deu, Fangning Zhang, and Josie Zhou. *China's Biopharma Industry Today*. n.d.
- Han, Xiao, Weidong Liu, and Tianhe Jiang. "Practising *Future* -making: Anticipation and Translocal Politics of Tesla's Gigafactory in Shanghai as Assemblage." *Transactions of the Institute of British Geographers* 49, no. 2 (June 2024): e12645. <https://doi.org/10.1111/tran.12645>.
- "Hefei: From 'Quantum Avenue' to World's Quantum Center | China Speech Valley & Quantum Center Hefei." Accessed January 14, 2026. [http://www.china.org.cn/hefeihightech/2025-03/06/content\\_117750272.html](http://www.china.org.cn/hefeihightech/2025-03/06/content_117750272.html).
- "How China Is Outperforming the United States in Critical Technologies | ITIF." Accessed January 14, 2026. <https://itif.org/publications/2025/09/23/how-china-is-outperforming-the-united-states-in-critical-technologies/>.
- "IDC - Trade Wars to Tech Wars: Can China's Stimulus Offset U.S. Tariffs in ICT Markets?" Accessed January 17, 2026. <https://www.idc.com/resource-center/blog/trade-wars-to-tech-wars-can-chinas-stimulus-offset-u-s-tariffs-in-ict-markets/>.
- "Jejak Pembangunan China | Pengeluaran Pembangunan Global China." Accessed January 21, 2026. <https://projects.voanews.com/china/global-footprint/data-explorer/indonesian.html>.
- Kelley, Charles, Mark Wang, Gordon Bitko, and Michael Chase. *High-Technology Manufacturing and U.S. Competitiveness*. Santa Monica: RAND Corporation, 2004.
- Khalil, Aliza. *U.S.-China Trade Policies Under the Biden Administration: A Critical Analysis*. 6, no. 1 (2025).
- "Ledakan Industri Biofarmasi China Dalam Kesepakatan Lisensi Obat Global | EC Innovations." Accessed January 7, 2026. <https://www.ecinnovations.com/blog/chinas-biopharma-boom-in-global-drug-licensing-deals/>.
- Lin, Shih-Kai. "Semiconductors and the Great Power Game: How Taiwan Finds Its Footing Amidst U.S.-China Tech Rivalry." *Asian Journal of Social*

- Science Studies* 10, no. 2 (May 2025): 18.  
<https://doi.org/10.20849/ajsss.v10i2.1493>.
- Long, Cheryl Xiaoning, Lixin Colin Xu, and Jin Yang. "The Government, Private Firms, and Dual-Track Private Sector Development: China's Experience in Two Crucial Decades." *Journal of Government and Economics* 6 (2022): 100037. <https://doi.org/10.1016/j.jge.2022.100037>.
- Luo, Yadong, and Ari Van Assche. "The Rise of Techno-Geopolitical Uncertainty: Implications of the United States CHIPS and Science Act." *Journal of International Business Studies* 54, no. 8 (October 2023): 1423–40. <https://doi.org/10.1057/s41267-023-00620-3>.
- Luttwak, Edward N. "From Geopolitics to Geo-Economics: Logic of Conflict, Grammar of Commerce." *The National Interest*, no. 20 (1990): 17–23.
- "Major Functions\_State Administration of Foreign Exchange." Accessed February 3, 2026.  
<https://www.safe.gov.cn/en/MajorFunctions/index.html>.
- Maslej, Nestor. "Artificial Intelligence Index Report 2025." *Artificial Intelligence*, 2025.
- "McKinsey Technology Trends Outlook 2024 | McKinsey." Accessed September 11, 2025. <https://www.mckinsey.com/capabilities/mckinsey-digital/our-insights/the-top-trends-in-tech-2024>.
- Miles, Matthew B., A. Michael Huberman, and Johnny Saldaña. *Qualitative Data Analysis: A Methods Sourcebook*. Edition 3. Los Angeles London New Delhi Singapore Washington DC: Sage, 2014.
- Moisio, Sami. *Geopolitics of the Knowledge-Based Economy*. 1 Edition. Regions and Cities 125. London ; New York: Routledge, 2018.
- "Multimethod Research, Causal Mechanisms, and Case Studies: An Integrated ... - Gary Goertz - Google Buku."
- "(PDF) China's Geoeconomic Strategy in the Context of the 'Awakening' of the Global South." Accessed November 17, 2025.  
[https://www.researchgate.net/publication/396871675\\_China%27s\\_Geoeconomic\\_Strategy\\_in\\_the\\_Context\\_of\\_the\\_Awakening\\_of\\_the\\_Global\\_South](https://www.researchgate.net/publication/396871675_China%27s_Geoeconomic_Strategy_in_the_Context_of_the_Awakening_of_the_Global_South).
- "(PDF) China's Social Market Economy." Accessed February 3, 2026.  
[https://www.researchgate.net/publication/235953904\\_China's\\_Social\\_Market\\_Economy](https://www.researchgate.net/publication/235953904_China's_Social_Market_Economy).
- Pevehouse, Jon C., and Joshua S. Goldstein. *International Relations*. Eleventh edition. Boston: Pearson, 2017.
- "Remarks by National Security Advisor Jake Sullivan at the Special Competitive Studies Project Global Emerging Technologies Summit | The White House." Accessed December 22, 2025.  
<https://bidenwhitehouse.archives.gov/briefing-room/speeches-remarks/2022/09/16/remarks-by-national-security-advisor-jake-sullivan-at-the-special-competitive-studies-project-global-emerging-technologies-summit/>.
- "Research Design: Qualitative, Quantitative, and Mixed Methods Approaches - John W. Creswell, J. David Creswell - Google Buku."
- Steenhuis, Harm-jan, and Erik De Bruijn. "High Technology Revisited: Definition and Position." *2006 IEEE International Conference on*

- Management of Innovation and Technology* 2 (June 2006): 1080–84.  
<https://doi.org/10.1109/ICMIT.2006.262389>.
- Sugiyono. *Metode Penelitian Kualitatif Kuantitatif dan R&D*. 19th ed. Bandung: Alfabeta, n.d.
- Sun, Xiaohan. *The Influence of U.S. High-Tech Interest Groups on the Formation of American Technology Policy toward China: Motivations, Pathways, and Limitations (2018–2024)*. n.d.
- “Technological Underpinnings of European Autonomy and US-China Competition.” Accessed November 17, 2025.  
<https://www.tandfonline.com/doi/full/10.1080/07036337.2025.2536828>.
- “Technology Sovereignty as an Emerging Frame for Innovation Policy. Defining Rationales, Ends and Means - ScienceDirect.” Accessed November 20, 2025.  
<https://www.sciencedirect.com/science/article/pii/S0048733323000495>.
- Teer, Joris. *The Dangers of Trump’s ‘G2’ Bargaining with an Emboldened China*. n.d.
- “The European Front of the War over Microchips. The Netherlands Joins the Anti-Chinese Coalition | OSW Centre for Eastern Studies.” Accessed November 20, 2025. <https://www.osw.waw.pl/en/publikacje/osw-commentary/2023-09-04/european-front-war-over-microchips-netherlands-joins-anti>.
- Tse, Ying Kei, Kyra Dong, Ruiqing Sun, and Robert Mason. “Recovering from Geopolitical Risk: An Event Study of Huawei’s Semiconductor Supply Chain.” *International Journal of Production Economics* 275 (September 2024): 109347. <https://doi.org/10.1016/j.ijpe.2024.109347>.
- Unleashing “New Quality Productive Forces”: China’s Strategy for Technology-Led Growth | Brookings*. n.d.
- “US-China Technology Competition: A New Cold War Threat to Global Stability - Modern Diplomacy.” Accessed September 11, 2025.  
<https://moderndiplomacy.eu/2025/05/10/us-china-technology-competition-a-new-cold-war-threat-to-global-stability/>.
- Wang, Zhe, and Xinran Qu. “The Digital Economic Diplomacy in China and the ‘Belt and Road’: The Dual Impact of Technology and Economy.” *Highlights in Business, Economics and Management* 47 (February 2025): 283–88. <https://doi.org/10.54097/2ak7vk83>.
- Was Made in China 2025 Successful? 2025*.
- “Why Big Tech May Never Recover in China | TIME.” Accessed January 21, 2026. <https://time.com/6973119/china-big-tech-crackdown-backfiring/>.
- Xie, Frank Tian, and Talai Osmonbekov. “U.S.-China Technology Rivalry—Reexamination upon Decoupling and Hostility.” In *Technology Rivalry Between the USA and China*, edited by Peter C.Y. Chow, 339–52. Palgrave Studies in Global Security. Cham: Springer Nature Switzerland, 2024. [https://doi.org/10.1007/978-3-031-76169-0\\_11](https://doi.org/10.1007/978-3-031-76169-0_11).
- Xu, Qingyong, Yuyan Xie, and Haoyuan Ying. “Exploring the Green Patent System in China from the Perspective of Achieving the Dual Carbon Goal: Development, Challenges and Prospective Enhancements.” *Humanities and Social Sciences Communications* 11, no. 1 (December 2024): 1738. <https://doi.org/10.1057/s41599-024-04279-5>.

- Zhang, Kevin H. *Industrial Policy and Geoeconomics of US-China Tech Rivalry*. n.d.
- Zhang, Kevin Honglin. "Geoeconomics of US-China Tech Rivalry and Industrial Policy." *Asia and the Global Economy* 4, no. 2 (July 2024): 100098. <https://doi.org/10.1016/j.aglobe.2024.100098>.
- Zhang, Xiaoming, Weijie Luo, and Di Xiang. "Strategic Emerging Industries and Innovation: Evidence from China." *International Review of Economics & Finance* 98 (March 2025): 103858. <https://doi.org/10.1016/j.iref.2025.103858>.

