

DAFTAR PUSTAKA

Accesswire (2019) '3rd World Intelligence Congress (WIC 2019) Stresses AI's Role In Growth', *AP News*, 23 May. Available at: <https://apnews.com/ACCESSWIRE/4900d7b1c11b3cc47be9b9c0b77f5310> (Accessed: 11 February 2020).

AGCS (2018) *The Rise Of Artificial Intelligence: Future Outlook and Emerging Risks*. Available at: [https://www.agcs.allianz.com/assets/Insights/Artificial Intelligence/Artificial_Intelligence_Outlook_and_Risks.pdf](https://www.agcs.allianz.com/assets/Insights/Artificial%20Intelligence/Artificial_Intelligence_Outlook_and_Risks.pdf).

Allen, G. C. (2019) 'Understanding China ' s AI Strategy : Clues to Chinese Strategic Thinking on Artificial Intelligence and National Security', *Center for a New American Security*, (February). Available at: <https://www.cnas.org/publications/reports/understanding-chinas-ai-strategy>.

Allen, G. and Chan, T. (2017) *Artificial Intelligence and National Security*. Available at: [https://www.belfercenter.org/sites/default/files/files/publication/AI NatSec - final.pdf](https://www.belfercenter.org/sites/default/files/files/publication/AI%20NatSec%20-%20final.pdf) (Accessed: 9 April 2020).

Allison, G. (2019) *Is China Beating America to AI Supremacy?*, *National Interest*. Available at: <https://nationalinterest.org/feature/china-beating-america-ai-supremacy-106861> (Accessed: 30 March 2020).

AnySilicon (2018) *Top 15 Semiconductor Sales Leaders - 2018F -* , *AnySilicon*. Available at: <https://anysilicon.com/top-15-semiconductor-sales-leaders-2018f/> (Accessed: 28 May 2020).

Atherton, K. (2018) *Are Killer Robots the Future of War? Parsing the Facts on Autonomous Weapons* , *The New York Times Magazine*. Available at: <https://www.nytimes.com/2018/11/15/magazine/autonomous-robots-weapons.html> (Accessed: 5 April 2020).

Austin, G. (2020) *Can there be any winners in the US–China 'tech war'?* Available at:

<https://www.iiss.org/blogs/analysis/2020/01/csfc-any-winners-in-the-us-china-tech-war>
(Accessed: 9 April 2020).

Baccala, M. *et al.* (2018) '2018 AI predictions', *PwC*, pp. 1–25. Available at:
<https://www.thomsonreuters.com/en/reports/2018-ai-predictions.html>.

Baldwin, D. A. (1993) 'Neoliberalism, Neorealism, and World Politics', *Neorealism and Neoliberalism: The Contemporary Debate*. doi: 10.1016/S0969-4765(04)00066-9.

Baldwin, D. A. (2017) 'Power analysis and world politics: New trends versus old tendencies', in *Power, Strategy and Security: A World Politics Reader*. doi: 10.2307/2009941.

BBC News (2018a) 'US indictment accuses Chinese firm of stealing trade secrets', *BBC News*. Available at: <https://www.bbc.com/news/world-us-canada-46066537>.

BBC News (2018b) 'US pushes back on foreign takeover deals', *BBC News*. Available at: <https://www.bbc.com/news/business-45177254>.

Bellman, R. (1954) 'The Theory of Dynamic Programming', *Bulletin of the American Mathematical Society*. doi: 10.1090/S0002-9904-1954-09848-8.

Bhatnagar, S. *et al.* (2018) *The Malicious Use of Artificial Intelligence: Forecasting, Prevention, and Mitigation Authors are listed in order of contribution Design Direction*.

BINUS (2016) *CLOUD COMPUTING*, BINUS UNIVERSITY School of Information Systems. Available at: <https://sis.binus.ac.id/2016/12/16/cloud-computing/> (Accessed: 6 June 2020).

Bisley, N. (2020) 'US-China relations were already heated. Then coronavirus threw fuel on the flames', *The Conversation*, 12 May. Available at: <https://theconversation.com/us-china-relations-were-already-heated-then-coronavirus-threw-fuel-on-the-flames-137886> (Accessed: 6 June 2020).

Boulanin, V. and Verbruggen, M. (2017) *MAPPING THE DEVELOPMENT OF AUTONOMY IN WEAPON SYSTEMS vincent boulanin and maaïke verbruggen*.

Brown, M. (2003) 'Technology and security', in *New world: Security challenges in the 21st century*. Georgetown: Georgetown University Press.

CAHAI (2020) *AI and control of Covid-19 coronavirus*, Council of Europe. Available at: <https://www.coe.int/en/web/artificial-intelligence/ai-and-control-of-covid-19-coronavirus> (Accessed: 6 June 2020).

Castro, D., McLaughlin, M. and Chivot, E. (2019) 'Who Is Winning the AI Race: China The EU Or The United States?', *Center for data innovation*, (August). Available at: www.technologyreview.com/s/608112/who-is-winning-the-ai-race/.

CDC (2020) *Cases in the U.S. , National Center for Immunization and Respiratory Diseases (NCIRD), Division of Viral Diseases*. Available at: <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html> (Accessed: 6 June 2020).

China Nuclear Forces (no date) *China National Nuclear Corporation - China Nuclear Forces*, *GlobalSecurity.org*. Available at: <https://www.globalsecurity.org/wmd/world/china/cnnc.htm> (Accessed: 28 May 2020).

Christensen, T. J. (2020) *A MODERN TRAGEDY? COVID-19 AND U.S.-CHINA RELATIONS EXECUTIVE SUMMARY*. Available at: https://www.brookings.edu/wp-content/uploads/2020/05/FP_20200511_covid_us_china_christensen_v3.pdf (Accessed: 6 June 2020).

CISTP (2018) *China AI Development Report 2018*. Available at: http://www.sppm.tsinghua.edu.cn/eWebEditor/UploadFile/China_AI_development_report_2018.pdf.

Clark, C. (2017) *Our Artificial Intelligence 'Sputnik Moment' Is Now: Eric Schmidt & Bob Work*, *Breaking Defense*. Available at: <https://breakingdefense.com/2017/11/our-artificial-intelligence-sputnik-moment-is-now-eric-schmidt-bob-work/> (Accessed: 28 April 2020).

Clifford, C. (2017) *Mark Cuban: The world's first trillionaire will be an AI entrepreneur*, *CNBC*. Available at: <https://www.cnbc.com/2017/03/13/mark-cuban-the-worlds-first-trillionaire-will-be-an-ai-entrepreneur.html> (Accessed: 29 March 2020).

Clifford, C. (2018) *Google CEO Sundar Pichai: AI is more important than fire, electricity*, *CNBC*. Available at: <https://www.cnbc.com/2018/02/01/google-ceo-sundar-pichai-ai-is-more->

important-than-fire-electricity.html (Accessed: 29 March 2020).

CNBC Indonesia (2020) 'Begini Cara Robot AI Bantu Ikut Perangi Wabah Corona', 30 March. Available at: <https://www.cnbcindonesia.com/tech/20200330142606-37-148483/begini-cara-robot-ai-bantu-ikut-perangi-wabah-corona> (Accessed: 6 June 2020).

Cohen, E. A. and Skolnikoff, E. B. (1993) 'The Elusive Transformation: Science, Technology, and the Evolution of International Politics', *Foreign Affairs*. doi: 10.2307/20045645.

Dahl, R. (1957) 'The Concept of Power', *Behavioral Science*.

Ding, J. (2018) 'Deciphering China's AI Dream: The context, components, capabilities, and consequences of China's strategy to lead the world in AI', *Future of Humanity Institute, University of Oxford*.

DoD (2018) *Summary of the 2018 National Defense Strategy of The United States of America*. Available at: <https://dod.defense.gov/Portals/1/Documents/pubs/2018-National-Defense-Strategy-Summary.pdf>.

DoJ (2018) 'PRC State-Owned Company, Taiwan Company, and Three Individuals Charged With Economic Espionage', *DoJ*. Available at: <https://www.justice.gov/opa/pr/prc-state-owned-company-taiwan-company-and-three-individuals-charged-economic-espionage>.

DoJ Office of Public Affairs (2014) *U.S. Charges Five Chinese Military Hackers for Cyber Espionage Against U.S. Corporations and a Labor Organization for Commercial Advantage*, *Department of Justice*. Available at: <https://www.justice.gov/opa/pr/us-charges-five-chinese-military-hackers-cyber-espionage-against-us-corporations-and-labor> (Accessed: 28 May 2020).

Edwards, H. and Edwards, D. (2017) *AI may make the next stock market crash much worse*, *Quartz*. Available at: <https://qz.com/1151664/ai-does-not-have-enough-experience-to-handle-the-next-market-crash/> (Accessed: 14 April 2020).

EIB (no date) *Investing in smart cities*. Available at: https://www.eib.org/attachments/smart_cities_factsheet_en.pdf (Accessed: 12 February 2020).

Elsevier (2018) *AI Report : unravel the research, fulfill the potential*. Available at:

<https://www.elsevier.com/research-intelligence/resource-library/ai-report> (Accessed: 28 May 2020).

Epshtein, U. and Faint, C. (2019) *That's Logistics: The Autonomous Future of the Army's Battlefield Supply Chain - Modern War Institute, Modern War Institute*. Available at: <https://mwi.usma.edu/thats-logistics-autonomous-future-armys-battlefield-supply-chain/> (Accessed: 11 February 2020).

Ernest, N., Clark, M. and Cohen, K. (2016) 'Genetic Fuzzy based Artificial Intelligence for Unmanned Combat Aerial Vehicle Control in Simulated Air Combat Missions Intelligent systems View project KMLogic Computationally Efficient Fuzzy Logic View project', *J Def Manag*, 6, p. 1. doi: 10.4172/2167-0374.1000144.

Etzioni, A. and Etzioni, O. (2017) *Pros and Cons of Autonomous Weapons Systems*. <https://www.armyupress.army.mil/Portals/7/military-review/Archives/English/pros-and-cons-of-autonomous-weapons-systems.pdf>.

European Commission (no date) *Smart cities | Knowledge for policy*. Available at: https://ec.europa.eu/knowledge4policy/foresight/topic/continuing-urbanisation/smart-city-projects-iot-improves-urban-life_en (Accessed: 11 February 2020).

FLIA (2017) *China's New Generation of Artificial Intelligence Development Plan*, *Foundation for Law & International Affairs*. Available at: <https://flia.org/notice-state-council-issuing-new-generation-artificial-intelligence-development-plan/> (Accessed: 3 April 2020).

Fortune Business Insight (2020) *Military Drone Market Size | Fortune Business Insights™*, *Fortune Business Insight*. Available at: <https://www.fortunebusinessinsights.com/military-drone-market-102181> (Accessed: 4 April 2020).

Future of Life Institute (2015) *Open Letter on Autonomous Weapons*, *Future of Life Institute*. Available at: <https://futureoflife.org/open-letter-autonomous-weapons/> (Accessed: 28 April 2020).

Garthoff, R. L. and Jervis, R. (1990) 'The Meaning of the Nuclear Revolution: Statecraft and the Prospect of Armageddon.', *Political Science Quarterly*. doi: 10.2307/2151030.

Gill, I. (2020) *Whoever leads in artificial intelligence in 2030 will rule the world until 2100*, *Brookings Institution*. Available at: <https://www.brookings.edu/blog/future-development/2020/01/17/whoever-leads-in-artificial-intelligence-in-2030-will-rule-the-world-until-2100/> (Accessed: 30 March 2020).

Gilpin, R. (1981) *War and Change in World Politics*, *War and Change in World Politics*. doi: 10.1017/cbo9780511664267.

de Gregori, T. R. and Kuznets, S. (1967) 'Modern Economic Growth: Rate, Structure, and Spread', *Technology and Culture*. doi: 10.2307/3101737.

Grieco, J. M. (1988) 'Realist Theory and the Problem of International Cooperation: Analysis with an Amended Prisoner's Dilemma Model', *The Journal of Politics*. doi: 10.2307/2131460.

Guilmartin, J. F. and McNeill, W. H. (1984) 'The Pursuit of Power: Technology, Armed Force, and Society since A.D. 1000', *Technology and Culture*. doi: 10.2307/3104720.

Haner, J. and Garcia, D. (2019) 'The Artificial Intelligence Arms Race: Trends and World Leaders in Autonomous Weapons Development', *Global Policy*. Blackwell Publishing Ltd, 10(3), pp. 331–337. doi: 10.1111/1758-5899.12713.

Hao, K. (2020) 'First the trade war, then the pandemic. Now Chinese manufacturers are turning inward.', *MIT Technology Review*, 3 June. Available at: <https://www.technologyreview.com/2020/06/03/1002573/pandemic-us-china-trade-war-impact-on-manufacturers/> (Accessed: 6 June 2020).

Harper, J. (2020) *\$98 Billion Expected for Military Drone Market*, *National Defense Magazine*. Available at: <https://www.nationaldefensemagazine.org/articles/2020/1/6/98-billion-expected-for-military-drone-market> (Accessed: 4 April 2020).

Hass, R. and Balin, Z. (2019) 'US-China relations in the age of artificial intelligence', *Brookings*, pp. 1–15. Available at: <https://www.brookings.edu/research/us-china-relations-in-the-age-of-artificial-intelligence/>.

Heer, E. (1993) 'The age of intelligent machines', *Mechanism and Machine Theory*. doi: 10.1016/0094-114x(93)90059-5.

Holmes, F. (2019) *AI Will Add \$15 Trillion To The World Economy By 2030*, *Forbes*. Available at: <https://www.forbes.com/sites/greatspeculations/2019/02/25/ai-will-add-15-trillion-to-the-world-economy-by-2030/#1cf9cab71852> (Accessed: 30 March 2020).

Holsti, K. (1964) 'The Concept of Power in the Study of International Relations Author (s): K . J . Holsti Published by : Wiley on behalf of The International Studies Association Stable URL : <http://www.jstor.org/stable/3013644> .', 7(4), pp. 179–194.

Horowitz, M. *et al.* (2018) *Strategic Competition in an Era of Artificial Intelligence*. Available at: <https://www.cnas.org/publications/reports/strategic-competition-in-an-era-of-artificial-intelligence#fn19>.

IDC (2018) *Worldwide Smart Cities Spending Guide*. Available at: https://www.idc.com/tracker/showproductinfo.jsp?prod_id=1843 (Accessed: 11 February 2020).

IHS Markit (2018) *Top Video Surveillance Trends For 2018*. Available at: <https://cdn.ihs.com/www/pdf/Top-Video-Surveillance-Trends-2018.pdf> (Accessed: 9 April 2020).

IIS UGM (2019) *Mengenal Senjata Otonom Penuh* , *Institute of International Studies UGM*. Available at: <https://iis.fisipol.ugm.ac.id/2019/07/12/mengenal-senjata-otonom-penuh/> (Accessed: 14 April 2020).

Ikenberry, G. J. (2016) 'The Future of International Leadership', 111(3), pp. 385–402.

Ipsos (2019) *Six in Ten (61%) Respondents Across 26 Countries Oppose the Use of Lethal Autonomous Weapons Systems* , *Ipsos*. Available at: <https://www.ipsos.com/en-us/news-polls/human-rights-watch-six-in-ten-oppose-autonomous-weapons> (Accessed: 14 April 2020).

Al Jazeera (2020) 'US-China trade war: Trump admin takes aim at supply chains ', *AL Jazeera*, 4 May. Available at: <https://www.aljazeera.com/ajimpact/china-trade-war-trump-admin-takes-aim-supply-chains-200504145941508.html> (Accessed: 6 June 2020).

JHU Hub Staff (2020) 'COVID-19's historic economic impact, in the U.S. and abroad ', *John Hopkins University Magazine*, 17 April. Available at: <https://hub.jhu.edu/2020/04/16/coronavirus-impact-on-european-american-economies/>

(Accessed: 6 June 2020).

Jones, L., Palumbo, D. and Brown, D. (2020) 'Coronavirus: A visual guide to the economic impact - BBC News', *BBC News*, 30 April. Available at: <https://www.bbc.com/news/business-51706225> (Accessed: 6 June 2020).

Kania, E. B. (2017) *Battlefield Singularity*. Available at: <https://s3.amazonaws.com/files.cnas.org/documents/Battlefield-Singularity-November-2017.pdf?mtime=20171129235805>.

Kirsanov, D. (2018) 'Pentagon: drones attacking Russian bases in Syria are on open sale', *TASS*, 9 January. Available at: <https://tass.ru/mezhdunarodnaya-panorama/4861144> (Accessed: 5 April 2020).

Kissinger, H. (2018) 'How the Enlightenment Ends', *The Atlantic*, June. Available at: <https://www.theatlantic.com/magazine/archive/2018/06/henry-kissinger-ai-could-mean-the-end-of-human-history/559124/>.

Kollewe, J. (2017) 'Lloyd's says cyber-attack could cost \$120bn, same as Hurricane Katrina ', *The Guardian*, 17 July. Available at: <https://www.theguardian.com/business/2017/jul/17/lloyds-says-cyber-attack-could-cost-120bn-same-as-hurricane-katrina> (Accessed: 5 April 2020).

Kunz, J. L. and Morgenthau, H. J. (1948) 'Politics among Nations. The Struggle for Power and Peace', *The Western Political Quarterly*. doi: 10.2307/442951.

Kurzweil, R. (1990) *The Age of Intelligent Machines*. MIT Press.

Lebow, R. N. (1994) 'The long peace, the end of the cold war, and the failure of realism', *International Organization*. doi: 10.1017/S0020818300028186.

Lucas, L. and Feng, E. (2017) *China's push to become a tech superpower triggers alarms abroad*, *Financial Times*. Available at: <https://www.ft.com/content/1d815944-f1da-11e6-8758-6876151821a6> (Accessed: 29 April 2020).

Marr, B. (2019) *Meet The World's Most Valuable AI Startup: China's SenseTime*, *Forbes*. Available at: <https://www.forbes.com/sites/bernardmarr/2019/06/17/meet-the-worlds-most->

valuable-ai-startup-chinas-sensetime/#7e51e8a8309f (Accessed: 3 May 2020).

Martinidis, G. (2019) *10 Economic Benefits of Smart Cities - URENIO Watch, URENIO INTELSPACE*. Available at: <https://www.urenio.org/2019/02/13/10-economic-benefits-of-smart-cities/> (Accessed: 22 February 2020).

Mayer, M., Carpes, M. and Knoblich, R. (2014) *The Global Politics of Science and Technology. Perspectives, Cases and Methods*. doi: 10.1007/978-3-642-55007-2.

McBride, J. and Chatzsky, A. (2019) *Is 'Made in China 2025' a Threat to Global Trade?*, *Council on Foreign Relations*. Available at: <https://www.cfr.org/backgrounder/made-china-2025-threat-global-trade> (Accessed: 29 April 2020).

McCabe, D., Hong, N. and Benner, K. (2020) 'U.S. Charges Huawei With Racketeering, Adding Pressure on China', *The New York Times*, 13 February. Available at: <https://www.nytimes.com/2020/02/13/technology/huawei-racketeering-wire-fraud.html>.

McCabe, D. and Swanson, A. (2020) 'Trump Effort to Keep U.S. Tech Out of China Alarms American Firms', *The New York Times*, 16 February. Available at: <https://www.nytimes.com/2020/02/16/business/economy/us-china-technology.html>.

McKinsey (2018) *Smart city technology for a more liveable future, McKinsey Global Institute*. Available at: <https://www.mckinsey.com/industries/capital-projects-and-infrastructure/our-insights/smart-cities-digital-solutions-for-a-more-livable-future> (Accessed: 22 February 2020).

McLaughlin, D., Mohsin, S. and Rund, J. (2020) 'All About CFIUS, Trump's Watchdog on China Dealmaking: QuickTake - The Washington Post', *The Washington Post*, 14 February. Available at: https://www.washingtonpost.com/business/energy/all-about-cfius-trumps-watchdog-on-china-dealmaking-quicktake/2020/02/13/76510e36-4e1e-11ea-967b-e074d302c7d4_story.html (Accessed: 28 May 2020).

Meticulous Market Research (2020) 'Artificial Intelligence (AI) in Supply Chain Market to Grow at a CAGR of 45.3% to Reach \$21.8 billion by 2027', *GlobeNewswire*, 11 March. Available at: <https://www.globenewswire.com/news-release/2020/03/11/1998823/0/en/Artificial-Intelligence-AI-in-Supply-Chain-Market-to-Grow-at-a-CAGR-of-45-3-to-Reach-21-8-billion->

by-2027-Largely-Driven-by-the-Consistent-Technological-Advancements-in-the-Supply-.html (Accessed: 5 April 2020).

Miller, H. L. (no date) *Hu Jintao and the Party Politburo*.

MIT (2019) *A coordinated drone attack has knocked out half of Saudi Arabia's oil supply - MIT Technology Review*, *MIT Technology Review*. Available at:

<https://www.technologyreview.com/f/614319/a-coordinated-drone-attack-has-knocked-out-half-of-saudi-arabias-oil-supply/> (Accessed: 31 March 2020).

Moravčík, M. *et al.* (2017) 'DeepStack: Expert-Level Artificial Intelligence in No-Limit Poker', *Science*. American Association for the Advancement of Science, 356(6337), pp. 508–513. doi: 10.1126/science.aam6960.

Morgenthau, H. J. (1967) 'Common Sense and Theories of International Relations', *Journal of International Affairs*, 21(2), pp. 106–144.

Mozur, P. (2017) 'Is China Outsmarting America in A.I.? - ', *The New York Times*, 27 May. Available at: <https://www.nytimes.com/2017/05/27/technology/china-us-ai-artificial-intelligence.html> (Accessed: 29 April 2020).

Mozur, P. and Bradsher, K. (2017) 'China's A.I. Advances Help Its Tech Industry, and State Security', *New York Times*. Available at: <https://www.nytimes.com/2017/12/03/business/china-artificial-intelligence.html>.

Murphy, C. (2019) *Compound Annual Growth Rate – CAGR Definition*, *Investopedia*. Available at: <https://www.investopedia.com/terms/c/cagr.asp> (Accessed: 5 April 2020).

Murphy, J. (2019) 'Two Canadians held for a year by China remain “resilient”', *BBC News*, 9 December. Available at: <https://www.bbc.com/news/world-us-canada-50592055> (Accessed: 3 May 2020).

Nahavandi, S. (2019) 'Industry 5.0-a human-centric solution', *Sustainability (Switzerland)*, 11(16). doi: 10.3390/su11164371.

National Science and Technology Council (2016) *Preparing For The Future of Artificial*

Intelligence. Available at:

https://obamawhitehouse.archives.gov/sites/default/files/whitehouse_files/microsites/ostp/NSTC/preparing_for_the_future_of_ai.pdf.

Neuss, B. (2008) 'Kenneth N. Waltz, Theory of International Politics, New York 1979', in *Schlüsselwerke der Politikwissenschaft*. doi: 10.1007/978-3-531-90400-9_127.

Nugraha, A. (2019) *Prinsip Dasar dan Pengertian Semikonduktor (Semiconductor)*, PPNS. Available at: <https://lecturer.ppns.ac.id/anggaratnugraha/2019/10/02/prinsip-dasar-dan-pengertian-semikonduktor-semiconductor/> (Accessed: 23 April 2020).

OECD (2018) *Private Equity Investment in Artificial Intelligence*.

OECD (2020) *Using artificial intelligence to help combat COVID-19*, OECD. Available at: <http://www.oecd.org/coronavirus/policy-responses/using-artificial-intelligence-to-help-combat-covid-19-ae4c5c21/> (Accessed: 6 June 2020).

Ortega, A. (2020) *The U.S.-China Race and the Fate of Transatlantic Relations Part 1: Tech, Values, and Competition*. Available at: https://csis-prod.s3.amazonaws.com/s3fs-public/publication/200113_USChinaTranstlanticRelations.pdf?wAP_dixs27EiMwZ0E76aP5amt2AVlpAJ (Accessed: 4 April 2020).

Özdemir, V. and Hekim, N. (2018) 'Birth of Industry 5.0: Making Sense of Big Data with Artificial Intelligence, "the Internet of Things" and Next-Generation Technology Policy', *OMICS A Journal of Integrative Biology*, 22(1), pp. 65–76. doi: 10.1089/omi.2017.0194.

Perryer, S. (2018) *Surveillance cameras have become one of China's most valuable exports – here's why* | , *World Finance*. Available at: <https://www.worldfinance.com/featured/surveillance-cameras-have-become-one-of-chinas-most-valuable-exports-heres-why> (Accessed: 9 April 2020).

Perwita, A. and Yani, Y. (2006) *Pengantar Ilmu Hubungan Internasional*. PT Remaja Rosdakarya.

Polyakova, A. and Meserole, C. (2020) *Exporting digital authoritarianism: The Russian and Chinese models*. Available at: <https://www.brookings.edu/wp->

content/uploads/2019/08/FP_20190827_digital_authoritarianism_polyakova_meserole.pdf
(Accessed: 4 April 2020).

Privacy International (no date) *Mass Surveillance*, *Privacy International*. Available at:
<https://privacyinternational.org/learn/mass-surveillance> (Accessed: 29 March 2020).

PwC (2017) *Sizing the prize What's the real value of AI for your business and how can you capitalise?* Available at: <https://www.pwc.com/gx/en/news-room/docs/report-pwc-ai-analysis-sizing-the-prize.pdf>.

Sabbagh, D. and Murray, G. (2019) *Killer drones: how many are there and who do they kill?* / *News | The Guardian, The Guardian*. Available at:
<https://www.theguardian.com/news/2019/nov/18/killer-drones-how-many-uav-predator-reaper>
(Accessed: 5 April 2020).

Sander, A. and Wolfgang, M. (2015) *The Rise of Robotics*. Available at: https://image-src.bcg.com/Images/The_Rise_of_Robotics_Aug_2014_tcm9-82495.pdf (Accessed: 9 April 2020).

Sanger, D. and Benner, K. (2019) 'Huawei and Top Executive Face Criminal Charges in the U.S.', *The New York Times*, 28 February. Available at:
<https://www.nytimes.com/2019/01/28/us/politics/meng-wanzhou-huawei-iran.html>.

Scharre, P. (2018) 'How swarming will change warfare', *Bulletin of the Atomic Scientists*. doi: 10.1080/00963402.2018.1533209.

Schmidt, E. (2020) 'Eric Schmidt: I Used to Run Google. Silicon Valley Could Lose to China', *The New York Times*, 27 February. Available at: [nytimes.com/2020/02/27/opinion/eric-schmidt-ai-china.html](https://www.nytimes.com/2020/02/27/opinion/eric-schmidt-ai-china.html).

Schwab, K. (2017) *The Fourth Industrial Revolution*, by Klaus Schwab, *World Economic Forum*. Available at: <https://www.weforum.org/about/the-fourth-industrial-revolution-by-klaus-schwab> (Accessed: 28 April 2020).

Segal, A. (2018) *A New Old Threat: Countering the Return of Chinese Industrial Cyber Espionage*. Available at: <https://www.cfr.org/report/threat-chinese-espionage> (Accessed: 29

April 2020).

Shinder, L. (2008) *Automated Attack - an overview*, *ScienceDirect*. Available at: <https://www.sciencedirect.com/topics/computer-science/automated-attack> (Accessed: 29 March 2020).

Silver, D. *et al.* (2016) 'Mastering the game of Go with deep neural networks and tree search'.

Simon, D. F. (2016) *The Emerging Technological Trajectory of the Pacific Basin*, *The Emerging Technological Trajectory of the Pacific Basin*. doi: 10.4324/9781315485133.

Skolnikoff, E. (1993) *The Elusive Transformation: Science, Technology, and the Evolution of International Politics*, *Princeton University Press*. doi: 10.1017/CBO9781107415324.004.

Stone, A. (2017) *Army logistics integrating new AI, cloud capabilities*, *C4ISRNET*. Available at: <https://www.c4isrnet.com/home/2017/09/07/army-logistics-integrating-new-ai-cloud-capabilities/> (Accessed: 11 February 2020).

The State Council of PRC (2014) *Ministry of Industry and Information Technology*. Available at: http://english.www.gov.cn/state_council/2014/08/23/content_281474983035940.htm (Accessed: 28 May 2020).

The White House (2019) *Executive Order on Maintaining American Leadership in Artificial Intelligence*, *The White House*. Available at: <https://www.whitehouse.gov/presidential-actions/executive-order-maintaining-american-leadership-artificial-intelligence/> (Accessed: 7 January 2020).

The White House OSTP (2018) *SUMMARY OF THE 2018 WHITE HOUSE SUMMIT ON ARTIFICIAL INTELLIGENCE FOR AMERICAN INDUSTRY*. Available at: <https://www.whitehouse.gov/wp-content/uploads/2018/05/Summary-Report-of-White-House-AI-Summit.pdf>.

The White House OSTP (2019) *Accelerating America's Leadership in Artificial Intelligence*, *The White House*. Available at: <https://www.whitehouse.gov/articles/accelerating-americas-leadership-in-artificial-intelligence/> (Accessed: 7 January 2020).

The White House OSTP (2020) *American Artificial Intelligence Initiative : Year One Annual Report*.

The White House OSTP (no date) *NSTC* , *The White House*. Available at:
<https://www.whitehouse.gov/ostp/nstc/> (Accessed: 22 May 2020).

Tourangbam, M. and Hariharan, H. (2020) ‘COVID-19 Will Make the US-China Great Power Dynamics More Confrontational ’, *The Diplomat*, 15 April. Available at:
<https://thediplomat.com/2020/04/covid-19-will-make-the-u-s-china-great-power-dynamics-more-confrontational/> (Accessed: 6 June 2020).

Turner, J. (2018) *Sea Hunter: inside the US Navy’s autonomous submarine tracking vessel*, *Naval Technology*. Available at: <https://www.naval-technology.com/features/sea-hunter-inside-us-navys-autonomous-submarine-tracking-vessel/> (Accessed: 11 February 2020).

U.S. DoD (2019) ‘Remarks by Secretary Esper at National Security Commission on Artificial Intelligence Public Conference’, in *U.S. Department of Defense*. Available at:
<https://www.defense.gov/Newsroom/Transcripts/Transcript/Article/2011960/remarks-by-secretary-esper-at-national-security-commission-on-artificial-intell/> (Accessed: 9 April 2020).

UNESCO UIS (2018) *R&D Data Release*, *UNESCO UIS*. Available at:
<http://uis.unesco.org/en/news/rd-data-release> (Accessed: 2 April 2020).

US National Science Foundation (2016) *Science and Engineering Indicators 2016*, *Scopus*. Available at: <https://www.elsevier.com/research-intelligence/campaigns/nsf-sei> (Accessed: 30 March 2020).

US National Science Foundation (2020) *The State of U.S. Science and Engineering 2020*, *NSF*. Available at: <https://nces.nsf.gov/pubs/nsb20201/global-r-d> (Accessed: 30 March 2020).

USCC (2011) *U.S.-China Economic and Security Review Commission Staff Report THE NATIONAL SECURITY IMPLICATIONS OF INVESTMENTS AND PRODUCTS FROM THE PEOPLE’S REPUBLIC OF CHINA IN THE TELECOMMUNICATIONS SECTOR*.

Veugelers, R. (2017) *The challenge of China’s rise as a science and technology powerhouse*. Available at: www.cia.gov/library/ (Accessed: 30 March 2020).

Vincent, J. (2017) *Putin says the nation that leads in AI 'will be the ruler of the world'*, *The Verge*. Available at: <https://www.theverge.com/2017/9/4/16251226/russia-ai-putin-rule-the-world> (Accessed: 29 March 2020).

Wakabayashi, D. and Rappeport, A. (2018) 'Huawei C.F.O. Is Arrested in Canada for Extradition to the U.S.', *The New York Times*, 5 December. Available at: <https://www.nytimes.com/2018/12/05/business/huawei-cfo-arrest-canada-extradition.html>.

Wakefield, J. (2020) 'Coronavirus: AI steps up in battle against Covid-19 ', *BBC News*, 18 April. Available at: <https://www.bbc.com/news/technology-52120747> (Accessed: 6 June 2020).

Weiss, C. (2005) 'Science, technology and international relations', *Technology in Society*, 27(3), pp. 295–313. doi: 10.1016/j.techsoc.2005.04.004.

White House Office of Trade and Manufacturing Policy (2018) *How China's Economic Aggression Threatens the Technologies and Intellectual Property of the United States and the World*.

WIC (no date) *World Intelligent Congress (WIC2019)--Intelligence New Era:Progress,planning and Opportunity*. Available at: <https://info.wicongress.org/2019/en#Overview> (Accessed: 11 February 2020).

WIPO (2019) *WIPO Technology Trends 2019: Artificial Intelligence, Geneva: World Intellectual Property Organization*. Geneva: World Intellectual Property Organization. Available at: https://www.wipo.int/edocs/pubdocs/en/wipo_pub_1055.pdf.

Wirawan, M. K. (2020) 'Menlu China: AS-China di Ambang Perang Dingin Baru', *KOMPAS.com*, 24 May. Available at: <https://www.kompas.com/global/read/2020/05/24/181751570/menlu-china-as-china-di-ambang-perang-dingin-baru> (Accessed: 6 June 2020).

WITNESS Media Lab (no date) *Prepare, Don't Panic: Synthetic Media and Deepfakes*, *WITNESS Media Lab*. Available at: <https://lab.witness.org/projects/synthetic-media-and-deep-fakes/> (Accessed: 29 March 2020).

Wright, N. (2018) 'How Artificial Intelligence Will Reshape the Global Order ', *Foreign Affairs*,

10 July. Available at: <https://www.foreignaffairs.com/articles/world/2018-07-10/how-artificial-intelligence-will-reshape-global-order> (Accessed: 28 April 2020).

Xin, Z. and Chi-yuk, C. (2018) 'Develop and control: Xi Jinping urges China to use artificial intelligence in race for tech future |', *South China Morning Post*, 31 October. Available at: <https://www.scmp.com/economy/china-economy/article/2171102/develop-and-control-xi-jinping-urges-china-use-artificial> (Accessed: 11 February 2020).

Xiong, W. *et al.* (2016) 'Achieving Human Parity in Conversational Speech Recognition', *IEEE/ACM Transactions on Audio Speech and Language Processing*, 25(12), pp. 2410–2423. Available at: <http://arxiv.org/abs/1610.05256> (Accessed: 28 April 2020).