ARTIFICIAL INTELLIGENCE AND SECURITY

ACADEMIA

- Leenen, L., Meyer, T. (2021). Artificial Intelligence and Big Data Analytics in Support of Cyber Defense. In *Research Anthology on Artificial Intelligence Applications in Security*. DOI: 10.4018/978-1-7998-7705-9.ch076

Keywords: AI, automated systems, cybersecurity, data, security threats

- Duong, T.Q., Hoang, V.P. & Pham, C.K. (2021). Convergence of 5G Technologies, Artificial Intelligence and Cybersecurity of Networked Societies for the Cities of Tomorrow. *Mobile Networks and Applications*. https://doi.org/10.1007/s11036-021-01778-6

Keywords: Cyber-physical systems, data traffic, device, security, smart objects

- Yusupova, N.I. et al. (2021). Semi-structured information in the field of artificial intelligence and information security: processing results. *IOP Conference Series: Materials Science and Engineering*, Volume 1069. 2nd Scientific Conference on Fundamental Information Security Problems in terms of the Digital Transformation (FISP 2020) 30 November 2020, Stavropol, Russian Federation. DOI: 10.1088/1757-899X/1069/1/012012

Keywords: Semi-structured information, Artificial Intelligence, information security, semantic analysis

- Bistron, M., Piotrowski, Z. (2021). Artificial Intelligence Applications in Military Systems and Their Influence on Sense of Security of Citizens. *Electronics*, *10*, 871. DOI: https://doi.org/10.3390/electronics10070871

Keywords: Neural networks, Artificial intelligence, AI in military, CNN, social robots

- Chen, J., Ramanathan, L., Alazab, M. (2020). Holistic big data integrated artificial intelligent modeling to improve privacy and security in data management of smart cities. Microprocessors and Microsystems, Volume 81. DOI:

Keywords: Smart city, Big data, Artificial intelligence, privacy, security

- Ghayvat, H., Awais, M., Gope, P., Pandya, S., Majumdar, S. (2021). ReCognizing SUspect and PredictiNg ThE SpRead of Contagion Based on Mobile Phone LoCation DaTa (COUNTERACT): A system of identifying COVID-19 infectious and hazardous sites, detecting disease outbreaks based on the internet of things, edge computing, and artificial intelligence. *Sustainable Cities and Society*, Volume 69. DOI: https://doi.org/10.1016/j.scs.2021.102798

Keywords: Cross-path, GPS location, backtracking, outbreak, pandemic, AI, IoT, Edge computing

- De Minico, G. (2021). Fundamental Rights. European Digital Regulation and Algorithmic Challenge. *European Business Law Review*. Available at SSRN: https://ssrn.com/abstract=3764467

Keywords: Digital regulation, algorithmic challenge, fundamental rights

- Orefice, M. (2021). Artificial Intelligence and the Right to Privacy in Times of Terrorism. In De Minico, G. and Pollicino, O. (eds.) *Virtual Freedoms, Terrorism and the Law*. Routledge.

Keywords: AI, Big data, GDPR, new technology, privacy

- Gupta, R., Kumari, A., Tanwar, S. (2020). Fusion of blockchain and artificial intelligence for securedrone networking underlying 5G communications.

Keywords: AI, Cyber-attacks, data storage, privacy, security

- Nabile, M., Safdar, Banja, J., Meltzer, C. (2020). Ethical considerations in artificial intelligence. *European Journal of Radiology*, Volume 122. DOI: https://doi.org/10.1016/j.ejrad.2019.108768

Keywords: Artificial intelligence, ethics, machine learn, radiology

- Bao, H., He, H., Liu, Z. (2019). Research on Information Security Situation Awareness System Based on Big Data and Artificial Intelligence Technology. *International Conference on Robots & Intelligent System (ICRIS)*. pp. 318-322. DOI: 10.1109/ICRIS.2019.00087

Keywords: AI, data security, efficiency, information, security

- Khisamova, Z. I., Begishev, I. R., & Sidorenko, E. L. (2019). Artificial intelligence and problems of ensuring cyber security. *International Journal of Cyber Criminology*, 13(2), 564-577. DOI: 10.5281/zenodo.3709267

Keywords: Artificial Intelligence, machine learning, criminological risks, the risks of the use of Artificial Intelligence, threat of Use of Artificial Intelligence, ethical issues, Cyber security.