No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Kuznyetsova A., Sydorchenko, T., Zadvorna, O., Nikonenko, U., Khalina, O.	Assessment of Aspects of the COVID-19 Crisis in the Context of Ensuring Economic Security	real sector economy, COVID-19, pandemic, crisis, economic security, hierarchical ordering method, crisis aspect	11, 6, 615-622	https://doi.org/10.18280/ijsse.110601	Kuznyetsova A., Sydorchenko, T., Zadvorna, O., Nikonenko, U., Khalina, O. (2021). Assessment of aspects of the COVID-19 crisis in the context of ensuring economic security. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 615-622. https://doi.org/10.18280/ijsse.110601
2	Ramal, M.M., Abdulhameed, U.H., Jalal, A.D.	Trace Elements Risk Assessment in Taps Drinking Water of Ramadi City, Anbar Province, Iraq	water quality, tap water, trace elements, risk assessment	11, 6, 623-634	https://doi.org/10.18280/ijsse.110602	Ramal, M.M., Abdulhameed, U.H., Jalal, A.D. (2021). Trace elements risk assessment in taps drinking water of Ramadi City, Anbar Province, Iraq. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 623-634. https://doi.org/10.18280/ijsse.110602
3	Ech-Cheikh, H., El Haq, S.L., Douraid, A.	Container Terminal Risk Evaluation and Management: A Case Study of a Moroccan Port	container terminal, mapping risk approach, quantitative calculations, risk assessment, risk management	11, 6, 635-640	https://doi.org/10.18280/ijsse.110603	Ech-Cheikh, H., El Haq, S.L., Douraid, A. (2021). Container terminal risk evaluation and management: A case study of a Moroccan port. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 635-640. https://doi.org/10.18280/ijsse.110603
4	Mohamed, S., Hassan, A.M., Aslan, H.K.	IoT Modes of Operations with Different Security Key Management Techniques: A Survey	IoT security, key management, key generation, key distribution, modes of operation, map link, IoT challenges, security goals	11, 6, 641-651	https://doi.org/10.18280/ijsse.110604	Mohamed, S., Hassan, A.M., Aslan, H.K. (2021). IoT modes of operations with different security key management techniques: A survey. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 641-651. https://doi.org/10.18280/ijsse.110604
5	Shivanna, P., Venkatesiah, S.S.	Secure Multimodal Authentication Scheme for Wireless Sensor Networks	access control, multimodal biometric, security, user authentication, wireless sensor network	11, 6, 653-661	https://doi.org/10.18280/ijsse.110605	Shivanna, P., Venkatesiah, S.S. (2021). Secure multimodal authentication scheme for wireless sensor networks. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 653-661. https://doi.org/10.18280/ijsse.110605
6	He, G.F., Xu, B.F.	Qualitative Analysis of State/Event Fault Trees Based on Interface Automata	state/event fault trees, minimal cut sequences, guarded interface automata, weak bisimilarity	11, 6, 663-669	https://doi.org/10.18280/ijsse.110606	He, G.F., Xu, B.F. (2021). Qualitative analysis of state/event fault trees based on interface automata. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 663-669. https://doi.org/10.18280/ijsse.110606
7	Kadakolmath, L., Ramu, U.D.	A Survey on Formal Specification and Verification of Smart Mass Transit Railway Interlocking System	computer-based interlocking system, formal specification, formal verification, modeling, rapid rail transit, reliability, safety-critical system, safety and security	11, 6, 671-682	https://doi.org/10.18280/ijsse.110607	Kadakolmath, L., Ramu, U.D. (2021). A survey on formal specification and verification of smart mass transit railway interlocking system. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 671-682. https://doi.org/10.18280/ijsse.110607
8	Polishchuk, O., Bobrova, Y., Bobrov, Y.	The Formation of a Safety Ecosystem in the Context of Ensuring the National Homeland Security	ecosystem, national security, state, homeland, model	11, 6, 683-689	https://doi.org/10.18280/ijsse.110608	Polishchuk, O., Bobrova, Y., Bobrov, Y. (2021). The formation of a safety ecosystem in the context of ensuring the national homeland security. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 683-689. https://doi.org/10.18280/ijsse.110608
9	Dertli, H., Saloglu, D.	Vinyl Acetate Emission Rates and Explosions in Tank Farms in Dilovasi and Yumurtalik, Turkey: A Case Study	ALOHA, emission, explosive chemicals, TANKS 4.09d, vinyl acetate	11, 6, 691-696	https://doi.org/10.18280/ijsse.110609	Dertli, H., Saloglu, D. (2021). Vinyl acetate emission rates and explosions in tank farms in Dilovasi and Yumurtalik, Turkey: A case study. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 691-696. https://doi.org/10.18280/ijsse.110609
10	Jirjees, S.W., Nasser, A.R., Mahmood, A.M.	RoundPIN: Shoulder Surfing Resistance for PIN Entry with Randomize Keypad	PIN entry, ATM security, shoulder surfing attack, authentication	11, 6, 697-702	https://doi.org/10.18280/ijsse.110610	Jirjees, S.W., Nasser, A.R., Mahmood, A.M. (2021). RoundPIN: Shoulder surfing resistance for PIN entry with randomize keypad. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 697-702. https://doi.org/10.18280/ijsse.110610
11	Naik, A.J., Thimmaiah, G.M.	Detection and Localization of Anamoly in Videos Using Fruit Fly Optimization-Based Self Organized Maps	Anomaly detection and localization, histogram of oriented gradients, local gradient pattern, self-organized map, fruit fly optimization algorithm	11, 6, 703-711	https://doi.org/10.18280/ijsse.110611	Naik, A.J., Thimmaiah, G.M. (2021). Detection and localization of anamoly in videos using fruit fly optimization-based self organized maps. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 703-711. https://doi.org/10.18280/ijsse.110611
12	Illiashenko, O., Mygal, V., Mygal, G., Protasenko, O.	A Convergent Approach to the Viability of the Dynamical Systems: The Cognitive Value of Complexity	safety, dynamic complexity, human factor, risks, cognitive aspects, modelling, signal structure, spatio-temporal signatures	11, 6, 713-719	https://doi.org/10.18280/ijsse.110612	Illiashenko, O., Mygal, V., Mygal, G., Protasenko, O. (2021). A convergent approach to the viability of the dynamical systems: The cognitive value of complexity. International Journal of Safety and Security Engineering, Vol. 11, No. 6, pp. 713-719. https://doi.org/10.18280/ijsse.110612
13	Keong, T.B., Abdelsalam, M.K., Jadi, D.M., Egdair, I.M.M., Al Issa, H.E., Abrika, O.S.S.	Risk Management Techniques: A Review and Study in Dealing with Coronavirus Disease of 2019 (COVID-19)	COVID-19, direct losses, indirect losses, risk management techniques	11, 5, 499-508	https://doi.org/10.18280/ijsse.110501	Keong, T.B., Abdelsalam, M.K., Jadi, D.M., Egdair, I.M.M., Al Issa, H.E., Abrika, O.S.S. (2021). Risk management techniques: A review and study in dealing with coronavirus disease of 2019 (COVID-19). International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 499-508. https://doi.org/10.18280/ijsse.110501
14	Gündüz, B., Dindar, B., Gül, Ö.	Arc-Flash Hazard Calculations in a Electrical Distribution System with Distributed Generation for Electrical Safety Audit	arc flash, distributed generation, electricity distribution, grid topology, PPE, protection coordination	11, 5, 509-516	https://doi.org/10.18280/ijsse.110502	Gündüz, B., Dindar, B., Gül, Ö. (2021). Arc-flash hazard calculations in a electrical distribution system with distributed generation for electrical safety audit. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 509-516. https://doi.org/10.18280/ijsse.110502
15	Sunkara, K., K, V.R., A, M.S.	Novel Response Relation Method for Sensor Data Analysis of Complex Engineering Systems	remaining useful life, sensors, binary classification, multi-class classification, response relationship	11, 5, 517-527	https://doi.org/10.18280/ijsse.110503	Sunkara, K., K, V.R., A, M.S. (2021). Novel response relation method for sensor data analysis of complex engineering systems. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 517-527. https://doi.org/10.18280/ijsse.110503
16	El Mokhtari, J., El Kalam, A.A., Benhaddou, S., Leroy, J.P.	Coupling of Inference and Access Controls to Ensure Privacy Protection	access control, inference control, multidimensional analysis, privacy	11, 5, 529-535	https://doi.org/10.18280/ijsse.110504	El Mokhtari, J., El Kalam, A.A., Benhaddou, S., Leroy, J.P. (2021). Coupling of inference and access controls to ensure privacy protection. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 529-535. https://doi.org/10.18280/ijsse.110504
17	Martínez, J., Durán, J.M.	Software Supply Chain Attacks, a Threat to Global Cybersecurity: SolarWinds' Case Study	software supply chain attack, solarwinds, cyber attack, C-SCRM, NIST SP 800-161, Zero trust, SBOM, malware, multi-factor authentication mechanisms (MFA)	11, 5, 537-545	https://doi.org/10.18280/ijsse.110505	Martínez, J., Durán, J.M. (2021). Software supply chain attacks, a threat to global cybersecurity: SolarWinds' case study. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 537-545. https://doi.org/10.18280/ijsse.110505
18	Mohammed, H.A., Jaaz, H.A.G., Naser, A.F., Mohammed, A.A.	Numerical and Experimental Predication of the Structural Cracking Within Reinforced Concrete Structure due to Conventional State of Loading	experimental, numerical, cracking, reinforced concrete, building, ANSYS, finite element	11, 5, 547-555	https://doi.org/10.18280/ijsse.110506	Mohammed, H.A., Jaaz, H.A.G., Naser, A.F., Mohammed, A.A. (2021). Numerical and experimental predication of the structural cracking within reinforced concrete structure due to conventional state of loading. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 547-555. https://doi.org/10.18280/ijsse.110506
19	Besma, S., Rachid, C., Abdelaziz, K.	For an Effective Management of the Functional Capacities of Companies: A Study of Pharmaceutical Companies	supply chain, logistics, risk, competition, continuous improvement, pharmaceutical sector	11, 5, 557-563	https://doi.org/10.18280/ijsse.110507	Besma, S., Rachid, C., Abdelaziz, K. (2021). For an effective management of the functional capacities of companies: A study of pharmaceutical companies. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 557-563. https://doi.org/10.18280/ijsse.110507

20	Kokate, S., Chetty, M.S.R.	Credit Risk Assessment of Loan Defaulters in Commercial Banks Using Voting Classifier Ensemble Learner Machine Learning Model	credit risk, loan defaulters, machine learning, decision tree, ensemble learning, gradient boosting, voting classifier	11, 5, 565-572	https://doi.org/10.18280/ijsse.110508	Kokate, S., Chetty, M.S.R. (2021). Credit risk assessment of loan defaulters in commercial banks using voting classifier ensemble learner machine learning model. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 565-572. https://doi.org/10.18280/ijsse.110508
21	Nazir, U., Sulaiman, N., Abid, S.K.	Rise of Digital Humanitarian Network (DHN) in Southeast Asia: Social Media Insights for Crisis Mapping in Disaster Risk Reduction (DRR)	digital humanitarian network, social media, crisis mapping, crisis management, Facebook, disaster risk reduction	11, 5, 573-583	https://doi.org/10.18280/ijsse.110509	Nazir, U., Sulaiman, N., Abid, S.K. (2021). Rise of Digital Humanitarian Network (DHN) in Southeast Asia: Social media insights for crisis mapping in Disaster Risk Reduction (DRR). International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 573-583. https://doi.org/10.18280/ijsse.110509
22	Bazyliuk, V., Molnar, O., Kyrlyk, N., Vynnychuk, R., Zavadyak, R.	Methodical Approach to Evaluation of Efficiency of Transformation of Business Processes on Engineering Enterprises in the Context of Ensuring Security	business process, rating, efficiency, engineering enterprises, transformation, security	11, 5, 585-591	https://doi.org/10.18280/ijsse.110510	Bazyliuk, V., Molnar, O., Kyrlyk, N., Vynnychuk, R., Zavadyak, R. (2021). Methodical approach to evaluation of efficiency of transformation of business processes on engineering enterprises in the context of ensuring security. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 585-591. https://doi.org/10.18280/ijsse.110510
23	Khakhim, N., Lazuardi, W., Wicaksono, A., Pratama, D.N.D., Musthofa, A.	Priority Areas for Mangrove Conservation to Support Disaster Mitigation Efforts in Pacitan Bay	mangrove density, land degradation, boundaries, land suitability for mangrove, mangrove conservation	11, 5, 593-603	https://doi.org/10.18280/ijsse.110511	Khakhim, N., Lazuardi, W., Wicaksono, A., Pratama, D.N.D., Musthofa, A. (2021). Priority areas for mangrove conservation to support disaster mitigation efforts in Pacitan Bay. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 593-603. https://doi.org/10.18280/ijsse.110511
24	Jarjar, M., Hraoui, S., Najah, S., Zenkouar, K.	Instructions New Technology of Color Image Encryption Based Two Improved Vigenere Laps Separated by a Genetic Mutation	Vigenere grid, chaotic map, encryption function, S-Box, genetic mutation	11, 5, 605-613	https://doi.org/10.18280/ijsse.110512	Jarjar, M., Hraoui, S., Najah, S., Zenkouar, K. (2021). Instructions new technology of color image encryption based two improved Vigenere laps separated by a genetic mutation. International Journal of Safety and Security Engineering, Vol. 11, No. 5, pp. 605-613. https://doi.org/10.18280/ijsse.110512
25	Carbonelli, M., Carestia, M., Quaranta, R.	Threat Assessment Method for Buildings in Case of Terrorist Attacks	building asset attractiveness, building vulnerability attractiveness, building threat, CBRNe threat, hazard material, risk management, terrorist attack, threat assessment	11, 4, 285-294	https://doi.org/10.18280/ijsse.110401	Carbonelli, M., Carestia, M., Quaranta, R. (2021). Threat assessment method for buildings in case of terrorist attacks. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 285-294. https://doi.org/10.18280/ijsse.110401
26	Murtinger, M., Jaspaert, E., Schrom-Feiertag, H., Egger-Lampl, S.	CBRNe Training in Virtual Environments: SWOT Analysis & Practical Guidelines	behavior training, CBRNe training, SHOTPROS H2020 project, SWOT analysis, virtual reality, VR guidelines	11, 4, 295-303	https://doi.org/10.18280/ijsse.110402	Murtinger, M., Jaspaert, E., Schrom-Feiertag, H., Egger-Lampl, S. (2021). CBRNe training in virtual environments: SWOT analysis & practical guidelines. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 295-303. https://doi.org/10.18280/ijsse.110402
27	Pasino, A., De Angeli, S., Battista, U., Ottonello, D., Clematis, A.	A Review of Single and Multi-Hazard Risk Assessment Approaches for Critical Infrastructures Protection	critical infrastructures protection, expert knowledge, man-made hazard, multi-hazard, natural hazard, risk assessment	11, 4, 305-318	https://doi.org/10.18280/ijsse.110403	Pasino, A., De Angeli, S., Battista, U., Ottonello, D., Clematis, A. (2021). A review of single and multi-hazard risk assessment approaches for critical infrastructures protection. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 305-318. https://doi.org/10.18280/ijsse.110403
28	Kliushnikov, I., Fesenko, H., Kharchenko, V., Illiashenko, O., Morozova, O.	UAV Fleet Based Accident Monitoring Systems with Automatic Battery Replacement Systems: Algorithms for Justifying Composition and Use Planning	automatic battery replacement aerial system, monitoring system, nuclear power plant, unmanned aerial vehicle, use planning, travelling salesman problem	11, 4, 319-328	https://doi.org/10.18280/ijsse.110404	Kliushnikov, I., Fesenko, H., Kharchenko, V., Illiashenko, O., Morozova, O. (2021). UAV fleet based accident monitoring systems with automatic battery replacement systems: Algorithms for justifying composition and use planning. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 319-328. https://doi.org/10.18280/ijsse.110404
29	Ciccotti, M., Pagliaro, P., Peluso, I., Benfenati, F., Munzi, D., Sciarra, T., Palermo, G., Sorbo, M.C.	Prevention Procedures to Contain COVID-19 Contagion in the First Italian Army Field Hospital	coronavirus, field hospital, PPE-Disinfection, COVID-19, pandemic, protocols	11, 4, 329-335	https://doi.org/10.18280/ijsse.110405	Ciccotti, M., Pagliaro, P., Peluso, I., Benfenati, F., Munzi, D., Sciarra, T., Palermo, G., Sorbo, M.C. (2021). Prevention procedures to contain COVID-19 contagion in the first Italian army field hospital. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 329-335. https://doi.org/10.18280/ijsse.110405
30	Choudary, S., Asghar, M.U., Ibrahim, A.G.	CBRN Events and Crisis Communication: Analysis of Training Needs and Development of Curriculum for Communication Personnel	CBRN event, crisis communication, communication personnel, training curriculum	11, 4, 337-343	https://doi.org/10.18280/ijsse.110406	Choudary, S., Asghar, M.U., Ibrahim, A.G. (2021). CBRN events and crisis communication: Analysis of training needs and development of curriculum for communication personnel. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 337-343. https://doi.org/10.18280/ijsse.110406
31	Carbonelli, M., Gratta, L.	A General Multi-Risk Assessment Method for Natural Disasters and CBRNe Attacks	risk assessment, impact assessment, vulnerability, exposure, qualitative method, quantitative method, vulnerability reduction	11, 4, 345-352	https://doi.org/10.18280/ijsse.110407	Carbonelli, M., Gratta, L. (2021). A general multi-risk assessment method for natural disasters and CBRNe attacks. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 345-352. https://doi.org/10.18280/ijsse.110407
32	Guidotti, C., Ricci, D.	Lean Thinking Approach in Crisis Scenarios: Managing a CBRNe Emergency in a Law Enforcement Department by Means of Managerial Decision-Making Tools	assessing a CBRN scenario, management of CBRN crisis, managerial tools, SWOT matrix, Lean Thinking approach, KPIs, law enforcement	11, 4, 353-360	https://doi.org/10.18280/ijsse.110408	Guidotti, C., Ricci, D. (2021). Lean thinking approach in crisis scenarios: Managing a CBRNe emergency in a law enforcement department by means of managerial decision-making tools. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 353-360. https://doi.org/10.18280/ijsse.110408
33	Gordieiev, O., Kharchenko, V., Illiashenko, O., Morozova, O., Gasanov, M.	Concept of Using Eye Tracking Technology to Assess and Ensure Cybersecurity, Functional Safety and Usability	eye tracking, cybersecurity, safety, usability, nuclear power plant, user identification	11, 4, 361-367	https://doi.org/10.18280/ijsse.110409	Gordieiev, O., Kharchenko, V., Illiashenko, O., Morozova, O., Gasanov, M. (2021). Concept of using eye tracking technology to assess and ensure cybersecurity, functional safety and usability. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 361-367. https://doi.org/10.18280/ijsse.110409
34	Biancotto, S., Malizia, A., Contessa, G.M., D'Arienzo, M., Solbiati, M.M.	First Responder Safety in the Event of a Dirty Bomb Detonation in Urban Environment	dirty bomb, radiological dispersal device, CBRNe, terrorist attack, urban environment, total effective dose, first responders	11, 4, 369-375	https://doi.org/10.18280/ijsse.110410	Biancotto, S., Malizia, A., Contessa, G.M., D'Arienzo, M., Solbiati, M.M. (2021). First responder safety in the event of a dirty bomb detonation in urban environment. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 369-375. https://doi.org/10.18280/ijsse.110410
35	Martellucci, L., Chierici, A., Di Giovanni, D., Fumian, F., Malizia, A., Gaudio, P.	Drones and Sensors Ecosystem to Maximise the "Storm Effects" in Case of CBRNe Dispersion in Large Geographic Areas	drone, swarm drones, CBRNe, chemical sensor, GSL. Robot Olfactory, plume detection, chemical detection	11, 4, 377-386	https://doi.org/10.18280/ijsse.110411	Martellucci, L., Chierici, A., Di Giovanni, D., Fumian, F., Malizia, A., Gaudio, P. (2021). Drones and sensors ecosystem to maximise the "Storm Effects" in case of CBRNe dispersion in large geographic areas. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 377-386. https://doi.org/10.18280/ijsse.110411
36	Morea, D., Sciortino, G.P.	Small Satellites Constellations and Their Impact on CBRNe Management in Africa	digital divide, microsatellites, project financing, satellite TLC, small satellites	11, 4, 387-395	https://doi.org/10.18280/ijsse.110412	Morea, D., Sciortino, G.P. (2021). Small satellites constellations and their impact on CBRNe management in Africa. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 387-395. https://doi.org/10.18280/ijsse.110412
37	Palestini, L.	Communication and Decision Support Systems	common alerting protocol, communication systems, DSS, emergency management, GIS, ITC, situation assessment	11, 4, 397-407	https://doi.org/10.18280/ijsse.110413	Palestini, L. (2021). Communication and decision support systems. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 397-407. https://doi.org/10.18280/ijsse.110413
38	Palestini, L., Sassu, F.	Risks and Safety Measures Associated with the Storage and Transport of Liquefied Natural Gas (LNG)	emergency, firefighters, hazmat, LNG, methane, natural gas, pipelines, risk	11, 4, 409-418	https://doi.org/10.18280/ijsse.110414	Palestini, L., Sassu, F. (2021). Risks and safety measures associated with the storage and transport of liquefied natural gas (LNG). International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 409-418. https://doi.org/10.18280/ijsse.110414
39	Kustov, M.V., Kalugin, V.D., Hristich, O.V., Hapon, Y.K.	Recovery Method for Emergency Situations with Hazardous Substances Emission into the Atmosphere	artificial precipitation, emergency situation, emission, hazardous substances, localization emergency zone	11, 4, 419-426	https://doi.org/10.18280/ijsse.110415	Kustov, M.V., Kalugin, V.D., Hristich, O.V., Hapon, Y.K. (2021). Recovery method for emergency situations with hazardous substances emission into the atmosphere. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 419-426. https://doi.org/10.18280/ijsse.110415

40	Mangiagalli, G., Morichi, M., Pepperosa, A., Stevanato, L., Bonesso, I.	Special Nuclear Material Identification Through One-Minute Measurement with a New Backpack Radiation Device in Real Scenario Conditions	backpack radiation device (BRD), homeland security, material out of regulatory control (MORC) neutron source identification, plutonium, special nuclear material (SNM), uranium	11, 4, 427-433	https://doi.org/10.18280/ijsse.110416	Mangiagalli, G., Morichi, M., Pepperosa, A., Stevanato, L., Bonesso, I. (2021). Special nuclear material identification through one-minute measurement with a new backpack radiation device in real scenario conditions. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 427-433. https://doi.org/10.18280/ijsse.110416
41	Di Giovanni, D., Fumian, F., Chierici, A., Bianchelli, M., Martellucci, L., Carminati, G., Malizia, A., d'Errico, F., Gaudio, P.	Design of Miniaturized Sensors for a Mission-Oriented UAV Application: A New Pathway for Early Warning	CBRN safety, chemical agents' detection, CRN agents sensing, unmanned aerial vehicles (UAV), SIBCRA mission	11, 4, 435-444	https://doi.org/10.18280/ijsse.110417	Di Giovanni, D., Fumian, F., Chierici, A., Bianchelli, M., Martellucci, L., Carminati, G., Malizia, A., d'Errico, F., Gaudio, P. (2021). Design of miniaturized sensors for a mission-oriented UAV application: A new pathway for early warning. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 435-444. https://doi.org/10.18280/ijsse.110417
42	Contessa, G.M., Cherubini, N., Gandolfo, G., Lepore, L., Marzo, G.A., Remetti, R.	Simplified Approach for Preliminary Evaluation of Effective Dose Rates for Field Applications of D-T Neutron Generators	Monte Carlo simulation, neutron dosimeter, neutron generator, occupational safety	11, 4, 445-454	https://doi.org/10.18280/ijsse.110418	Contessa, G.M., Cherubini, N., Gandolfo, G., Lepore, L., Marzo, G.A., Remetti, R. (2021). Simplified approach for preliminary evaluation of effective dose rates for field applications of D-T neutron generators. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 445-454. https://doi.org/10.18280/ijsse.110418
43	Khalfaoui, I., Hammouche, A.	The Impact of the Patient's State on the Destination Care Unit Choice Within the Health Emergency Services Regional Network (HES-RN) in Morocco	care unit choice, decision support model, GIS, health emergency services regional network, patient's state of severity, qualified care units	11, 4, 455-461	https://doi.org/10.18280/ijsse.110419	Khalfaoui, I., Hammouche, A. (2021). The impact of the patient's state on the destination care unit choice within the health emergency services regional network (HES-RN) in Morocco. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 455-461. https://doi.org/10.18280/ijsse.110419
44	Thornton, M.I., Iannotti, A., Quaranta, R., Russo, C.	The Effectiveness of Table-Top Exercises in Improving Pandemic Crisis Preparedness	crisis, effectiveness, evaluation, exercise, influenza, pandemic, preparedness, table-top	11, 4, 463-471	https://doi.org/10.18280/ijsse.110420	Thornton, M.I., Iannotti, A., Quaranta, R., Russo, C. (2021). The effectiveness of table-top exercises in improving pandemic crisis preparedness. International Journal of Safety and Security Engineering, Vol. 11, No. 4, pp. 463-471. https://doi.org/10.18280/ijsse.110420
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49	Lorenzini, G., Kamarposhti, M.A., Solyman, A.A.A.	CBRN, HazMat, GC-MS, flame accelerating, benzene, firefighters, SPME, HS	automatic generation control, proportional integral derivative (PID) controller, firefly algorithm	11, 3, 213-222	https://doi.org/10.18280/ijsse.110301	Lorenzini, G., Kamarposhti, M.A., Solyman, A.A.A. (2021). Optimization of PID controller parameters for automatic generation control in two-area heating system using firefly algorithm. International Journal of Safety and Security Engineering, Vol. 11, No. 3, pp. 213-222. https://doi.org/10.18280/ijsse.110301
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89	Touil, H., El Akkad, N., Satori, K.	H-Rotation: Secure storage and retrieval of passphrases on the authentication process	passphrase, man in the middle, rainbow-table attack, hash function, SHA-3, rotation, authentication	10, 6, 785-796	https://doi.org/10.18280/ijsse.100609	Touil, H., El Akkad, N., Satori, K. (2020). H-Rotation: Secure storage and retrieval of passphrases on the authentication process. International Journal of Safety and Security Engineering, Vol. 10, No. 6, pp. 785-796. https://doi.org/10.18280/ijsse.100609
90	Holzer, M.	Bridging police work with the public health domain: An occupational safety and health perspective	COVID-19, Frontex, Occupational Safety and Health (OSH), police, public health, Security Risk Management (SRM)	10, 5, 579-587	https://doi.org/10.18280/ijsse.100501	Holzer, M. (2020). Bridging police work with the public health domain: An occupational safety and health perspective. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 579-587. https://doi.org/10.18280/ijsse.100501
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93	Goeritno, A., Nurmansyah, D., Maswan.	Safety instrumented systems to investigate the system of instrumentation and process control on the steam purification system	safety instrumented systems, system of instrumentation and process control, purification system of the steam, geothermal power plant	10, 5, 609-616	https://doi.org/10.18280/ijsse.100504	Goeritno, A., Nurmansyah, D., Maswan. (2020). Safety instrumented systems to investigate the system of instrumentation and process control on the steam purification system. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 609-616. https://doi.org/10.18280/ijsse.100504
94	Yang, X., Tan, K.H.	Tripartite risk game analysis on public private partnership projects of high-speed rail from the perspective of bank	railway transport, risk-sharing mechanism, tripartite game, bank, public private partnership (PPP) projects, risk factors	10, 5, 617-623	https://doi.org/10.18280/ijsse.100505	Yang, X., Tan, K.H. (2020). Tripartite risk game analysis on public private partnership projects of high-speed rail from the perspective of bank. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 617-623. https://doi.org/10.18280/ijsse.100505
95	Oliveira, P.N., Fonseca, E.M.M., Campilho, R.D.S.G.	Easy trends to analyse structural profiles: Lumped capacitance vs simplified equation	lumped capacitance method, simplified equation, steel profiles, heat transient process, fire	10, 5, 625-629	https://doi.org/10.18280/ijsse.100506	Oliveira, P.N., Fonseca, E.M.M., Campilho, R.D.S.G. (2020). Easy trends to analyse structural profiles: Lumped capacitance vs simplified equation. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 625-629. https://doi.org/10.18280/ijsse.100506
96	Karyemsetty, N., Kumar, K.R.	Road safety: An accident prevention using intelligent vehicular network	Intelligent Transport System, traffic simulator, road accident, road safety, network simulator, vehicular network	10, 5, 631-638	https://doi.org/10.18280/ijsse.100507	Karyemsetty, N., Kumar, K.R. (2020). Road safety: An accident prevention using intelligent vehicular network. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 631-638. https://doi.org/10.18280/ijsse.100507
97	Guo, Z.G., Wang, J., Lv, S., Yu, D.Y., Zhang, X.	Rock breaking performance of two disc cutters of tunnel boring machine for safe tunneling in unstable coal rock stratum	tunnel boring machine (TBM), two disc cutters, coal rock breaking principle, cutter spacing	10, 5, 639-646	https://doi.org/10.18280/ijsse.100508	Guo, Z.G., Wang, J., Lv, S., Yu, D.Y., Zhang, X. (2020). Rock breaking performance of two disc cutters of tunnel boring machine for safe tunneling in unstable coal rock stratum. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 639-646. https://doi.org/10.18280/ijsse.100508
98	Alfakhry, A.A.	A comparative analytical study of some external finishing (cladding) material in terms of their ability to spread fire in multi-story building facades in Iraq	external facades, fire propagation, computer simulation, external finishing and cladding materials	10, 5, 647-654	https://doi.org/10.18280/ijsse.100509	Alfakhry, A.A. (2020). A comparative analytical study of some external finishing (cladding) material in terms of their ability to spread fire in multi-story building facades in Iraq. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 647-654. https://doi.org/10.18280/ijsse.100509
99	Khalane, V., Suralkar, S., Bhadade, U.	Image encryption based on matrix factorization	data security, image encryption, matrix decomposition, independent component analysis, non-negative matrix decomposition	10, 5, 655-661	https://doi.org/10.18280/ijsse.100510	Khalane, V., Suralkar, S., Bhadade, U. (2020). Image encryption based on matrix factorization. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 655-661. https://doi.org/10.18280/ijsse.100510

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101	Ismiyati, A., Lestari, F.	Analysis on emergency and disaster preparedness level of hospitality industry in Palu and Gorontalo cities	disaster management, emergency preparedness, hospitality industry, resilience	10, 5, 671-677	https://doi.org/10.18280/ijsse.100512	Ismiyati, A., Lestari, F. (2020). Analysis on emergency and disaster preparedness level of hospitality industry in Palu and Gorontalo cities. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 671-677. https://doi.org/10.18280/ijsse.100512
102	Cheng, Y.K., Shi, Z.W., Zu, F.J.	n evaluation model of subgrade stability based on artificial neural network	fuzzy neural network (FNN), subgrade stability evaluation, Takagi-Sugeno model, special areas	10, 5, 679-688	https://doi.org/10.18280/ijsse.100513	Cheng, Y.K., Shi, Z.W., Zu, F.J. (2020). An evaluation model of subgrade stability based on artificial neural network. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 679-688. https://doi.org/10.18280/ijsse.100513
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104	Ramkumar, B., Harish, V., Srinivasaiah, R., Renuka, S.D., Vijalapura, N.T.	Scale development and validation of safety engineering systems in major hazardous industries	safety engineering systems, exploratory factor analysis, major hazardous industries, R software, partial least square structural equation model, survey instrument	10, 5, 699-706	https://doi.org/10.18280/ijsse.100515	Ramkumar, B., Harish, V., Srinivasaiah, R., Renuka, S.D., Vijalapura, N.T. (2020). Scale development and validation of safety engineering systems in major hazardous industries. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 699-706. https://doi.org/10.18280/ijsse.100515
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106	Kumar, B.P., Reddy, E.S.	An efficient security model for password generation and time complexity analysis for cracking the password	password generation, password cracking, data security, unauthorized users, authorized users, time complexity	10, 5, 713-720	https://doi.org/10.18280/ijsse.100517	Kumar, B.P., Reddy, E.S. (2020). An efficient security model for password generation and time complexity analysis for cracking the password. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 713-720. https://doi.org/10.18280/ijsse.100517
107	Yang, Y.Y.	Grey relational analysis on influencing factors of highway slope safety in Ankang mountain area	high slope, slope stability, sensitivity analysis, grey relational analysis (GRA)	10, 5, 721-726	https://doi.org/10.18280/ijsse.100518	Yang, Y.Y. (2020). Grey relational analysis on influencing factors of highway slope safety in Ankang mountain area. International Journal of Safety and Security Engineering, Vol. 10, No. 5, pp. 721-726. https://doi.org/10.18280/ijsse.100518
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111	Petroye, O., Lyulyov, O., Lytvynchuk, I., Paida, Y., Pakhomov, V.	Effects of information security and innovations on country's image: Governance aspect	state's image, information security, competitiveness, governance	10, 4, 459-466	https://doi.org/10.18280/ijsse.100404	Petroye, O., Lyulyov, O., Lytvynchuk, I., Paida, Y., Pakhomov, V. (2020). Effects of information security and innovations on country's image: Governance aspect. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 459-466. https://doi.org/10.18280/ijsse.100404
112	El-Bayoumi, A.	An enhanced algorithm for memory systematic faults detection in multicore architectures suitable for mixed-critical automotive applications	functional safety, real-time operating system, multicore processor, memory protection, freedom from memory interference, fault-tolerance, safety mechanism, reliability	10, 4, 467-474	https://doi.org/10.18280/ijsse.100405	El-Bayoumi, A. (2020). An enhanced algorithm for memory systematic faults detection in multicore architectures suitable for mixed-critical automotive applications. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 467-474. https://doi.org/10.18280/ijsse.100405
113	Dong, L.L., Wu, J., Wang, W., Hu, W.S.	A pathfinder-based safe evacuation model for ultradeep underground public space	safe evacuation model, ultradeep underground public space (UUPS), sunken shelter, safe evacuation system (SES)	10, 4, 475-482	https://doi.org/10.18280/ijsse.100406	Dong, L.L., Wu, J., Wang, W., Hu, W.S. (2020). A pathfinder-based safe evacuation model for ultradeep underground public space. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 475-482. https://doi.org/10.18280/ijsse.100406
114	Abdunazarov, J., Azizov, K., Shukurov, I.	Method of analysis of the reasons and consequences of traffic accidents in Uzbekistan cities	correlation analysis, road safety, traffic accident, traffic violations, Uzbekistan	10, 4, 483-490	https://doi.org/10.18280/ijsse.100407	Abdunazarov, J., Azizov, K., Shukurov, I. (2020). Method of analysis of the reasons and consequences of traffic accidents in Uzbekistan cities. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 483-490. https://doi.org/10.18280/ijsse.100407
115	El Bouti, M.Y., Allouch, M.	Analysis of human factors for enhancing safety and security management system in fossil and renewable power plants	accidents prevention, countermeasures, human factors (HFs), safety and security management system (SSMS), power plants (pps), safety-related behavior (S-RB)	10, 4, 491-500	https://doi.org/10.18280/ijsse.100408	El Bouti, M.Y., Allouch, M. (2020). Analysis of human factors for enhancing safety and security management system in fossil and renewable power plants. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 491-500. https://doi.org/10.18280/ijsse.100408
116	Wang, G., Wei, J.J., Yao, B.H.	A coalmine water inrush prediction model based on artificial intelligence	artificial intelligence (AI), extreme learning machine (ELM), coalmine water inrush prediction, particle swarm optimization (PSO) algorithm, ant colony optimization (ACO) algorithm	10, 4, 501-508	https://doi.org/10.18280/ijsse.100409	Wang, G., Wei, J.J., Yao, B.H. (2020). A coalmine water inrush prediction model based on artificial intelligence. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 501-508. https://doi.org/10.18280/ijsse.100409
117	Narayana, V.L., Midhunchakkaravarthy, D.	A trust based efficient blockchain linked routing method for improving security in mobile ad hoc networks	routing method, ad hoc network, malicious nodes, block chain, data communication, routing table, neighbor nodes, data security	10, 4, 509-516	https://doi.org/10.18280/ijsse.100410	Narayana, V.L., Midhunchakkaravarthy, D. (2020). A trust based efficient blockchain linked routing method for improving security in mobile ad hoc networks. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 509-516. https://doi.org/10.18280/ijsse.100410
118	Selerio Jr, E.F., Arcadio, R.D., Medio, G.J., Nacua, M.A., Pedregosa, G.A.	An application of a hybrid fuzzy multi-criteria decision-making approach in managing equipment hazards in woodworking	woodworking, occupational health and safety, risk management, fuzzy Best-Worst method, fuzzy Delphi method	10, 4, 517-527	https://doi.org/10.18280/ijsse.100411	Selerio Jr, E.F., Arcadio, R.D., Medio, G.J., Nacua, M.A., Pedregosa, G.A. (2020). An application of a hybrid fuzzy multi-criteria decision-making approach in managing equipment hazards in woodworking. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 517-527. https://doi.org/10.18280/ijsse.100411
119	Liu, Q.Z., Tong, B.B., Li, D.L., Lu, Y., Fu, Y.H., Chen, L., Zhao, K.Y.	A smart and safe electricity consumption model for integrated energy system based on electric big data	smart and safe electricity consumption, electric big data, clustering analysis, feature selection, k-means clustering (KMC)	10, 4, 529-534	https://doi.org/10.18280/ijsse.100412	Liu, Q.Z., Tong, B.B., Li, D.L., Lu, Y., Fu, Y.H., Chen, L., Zhao, K.Y. (2020). A smart and safe electricity consumption model for integrated energy system based on electric big data. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 529-534. https://doi.org/10.18280/ijsse.100412

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121	Wang, T., Huang, K., Song, X.L., Wang, Z.Y.	Interpretative structural modelling on generation mechanism of train operation conflicts in high speed railway	high-speed railway (HSR), interpretative structural modelling (ISM), train operation conflicts (TOCs), generation mechanism	10, 4, 543-548	https://doi.org/10.18280/ijsse.100414	Wang, T., Huang, K., Song, X.L., Wang, Z.Y. (2020). Interpretative structural modelling on generation mechanism of train operation conflicts in high speed railway. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 543-548. https://doi.org/10.18280/ijsse.100414
122	Salem, F.M., Ibrahim, E., Elghandour, O.	A lightweight authenticated key establishment scheme for secure smart grid communications	smart grid, key establishment, authentication, anonymity, untraceability	10, 4, 549-558	https://doi.org/10.18280/ijsse.100415	Salem, F.M., Ibrahim, E., Elghandour, O. (2020). A lightweight authenticated key establishment scheme for secure smart grid communications. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 549-558. https://doi.org/10.18280/ijsse.100415
123	Li, J.L., Zhang, S.R., Wang, S.L., Liu, Z.H., Hao, Y.Z.	Shaking table tests on the seismic response of a columnless subway station with asymmetric load under bidirectional seismic action	bidirectional earthquake, unidirectional earthquake, shaking table test, time history, asymmetric slope, vertical seismic wave	10, 4, 559-566	https://doi.org/10.18280/ijsse.100416	Li, J.L., Zhang, S.R., Wang, S.L., Liu, Z.H., Hao, Y.Z. (2020). Shaking table tests on the seismic response of a columnless subway station with asymmetric load under bidirectional seismic action. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 559-566. https://doi.org/10.18280/ijsse.100416
124	Alapati, Y.K., Ravichandran, S.	Secure data transfer in manet with key calculator and key distributer using cryptography methods	MANET, security, data loss, cryptography methods, key generation, key distribution, packet delivery rate, malicious nodes, secure data communication	10, 4, 567-572	https://doi.org/10.18280/ijsse.100417	Alapati, Y.K., Ravichandran, S. (2020). Secure data transfer in manet with key calculator and key distributer using cryptography methods. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 567-572. https://doi.org/10.18280/ijsse.100417
125	Wei, C.X., Jia, Y.P., Liu, Q.G., Yu, H.F.	Determining the reasonable height of Vierendeel truss based on stiffness and global stability	Vierendeel truss, stiffness, global stability, reasonable height	10, 4, 573-578	https://doi.org/10.18280/ijsse.100418	Wei, C.X., Jia, Y.P., Liu, Q.G., Yu, H.F. (2020). Determining the reasonable height of Vierendeel truss based on stiffness and global stability. International Journal of Safety and Security Engineering, Vol. 10, No. 4, pp. 573-578. https://doi.org/10.18280/ijsse.100418
126	Sikora, I., Hari, B.L., Hanusch, M.	Human factors approaches and models in LOC-I accident analysis and prevention: Flight crew resource management techniques as a risk mitigation tool	automation, human factors, manual flying skills, crew resource management, threat and error management	10, 3, 301-310	https://doi.org/10.18280/ijsse.100301	Sikora, I., Hari, B.L., Hanusch, M. (2020). Human factors approaches and models in LOC-I accident analysis and prevention: Flight crew resource management techniques as a risk mitigation tool. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 301-310. https://doi.org/10.18280/ijsse.100301
127	Single, J.I., Schmidt, J., Denecke, J.	Ontology-based support for hazard and operability studies	competency questions, HAZOP ontology, ontology-based query answering, ontology design, risk assessment, safety assessment	10, 3, 311-319	https://doi.org/10.18280/ijsse.100302	Single, J.I., Schmidt, J., Denecke, J. (2020). Ontology-based support for hazard and operability studies. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 311-319. https://doi.org/10.18280/ijsse.100302
128	Qi, H., Zhang, Y., Chu, F.Q.	Dynamic response of a partially debonded circular lined tunnel in the overburden to SH-wave	scattering of SH-wave, overburden, lining, big circle method, dynamic stress concentration factor (DSCF), analytical solution	10, 3, 321-331	https://doi.org/10.18280/ijsse.100303	Qi, H., Zhang, Y., Chu, F.Q. (2020). Dynamic response of a partially debonded circular lined tunnel in the overburden to SH-wave. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 321-331. https://doi.org/10.18280/ijsse.100303
129	Hadj Djelloul, N.D., Djermane, M., Sharari, N.	Effect of supporting system on dynamic buckling of elevated water tanks: A case study	tank staging, nonlinear analysis, finite elements, seismic, dynamic buckling, fluid–structure interaction	10, 3, 333-342	https://doi.org/10.18280/ijsse.100304	Hadj Djelloul, N.D., Djermane, M., Sharari, N. (2020). Effect of supporting system on dynamic buckling of elevated water tanks: A case study. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 333-342. https://doi.org/10.18280/ijsse.100304
130	Senimoli, A.N., Tabe, T., Jacot Des Combes, H.	Influence of socio-cultural factors on community disaster response during TC Winston: A case study of Burenitu Village, Fiji	attitude, cyclone preparedness, disaster response, disaster risk management, indigenous knowledge, kinship network, mitigation, socio-cultural factors	10, 3, 343-350	https://doi.org/10.18280/ijsse.100305	Senimoli, A.N., Tabe, T., Jacot Des Combes, H. (2020). Influence of socio-cultural factors on community disaster response during TC Winston: A case study of Burenitu Village, Fiji. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 343-350. https://doi.org/10.18280/ijsse.100305
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132	Hosseiny, S.M., Rahmani, A.I., Derakhshan, M.	Improve intrusion detection using grasshopper optimization algorithm and decision trees	intrusion detection system, grasshopper optimization algorithm, nearest neighborhood	10, 3, 359-364	https://doi.org/10.18280/ijsse.100307	Hosseiny, S.M., Rahmani, A.I., Derakhshan, M. (2020). Improve intrusion detection using grasshopper optimization algorithm and decision trees. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 359-364. https://doi.org/10.18280/ijsse.100307
133	Sistla, V., Kolli, V.K.K., Kukkapalli, N.B., Katuri, S.S., Vallabhajosyula, S.	Stacked ensemble classification based real-time driver drowsiness detection	machine learning, SVM, fatigue, safe driving, smart cars, facial land mark, stacking ensemble technique	10, 3, 365-371	https://doi.org/10.18280/ijsse.100308	Sistla, V., Kolli, V.K.K., Kukkapalli, N.B., Katuri, S.S., Vallabhajosyula, S. (2020). Stacked ensemble classification based real-time driver drowsiness detection. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 365-371. https://doi.org/10.18280/ijsse.100308
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137	Xie, S.J., Wang, X., Shang, H.	Security analysis on wireless sensor network in the data center for energy internet of things	Data Center (DC), Wireless Sensor Network (WSN), security analysis, information fusion, Low Energy Adaptive Clustering Hierarchy (LEACH)	10, 3, 397-402	https://doi.org/10.18280/ijsse.100312	Xie, S.J., Wang, X., Shang, H. (2020). Security analysis on wireless sensor network in the data center for energy internet of things. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 397-402. https://doi.org/10.18280/ijsse.100312
138	Laciok, V., Bernatik, A., Lesnak, M.	Experimental implementation of new technology into the area of teaching occupational safety for industry 4.0	virtual reality, software XVR, student, occupational safety, scenario	10, 3, 403-407	https://doi.org/10.18280/ijsse.100313	Laciok, V., Bernatik, A., Lesnak, M. (2020). Experimental implementation of new technology into the area of teaching occupational safety for industry 4.0. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 403-407. https://doi.org/10.18280/ijsse.100313
139	Song, Y.F.	A correlation analysis model of human factors in mine accidents based on apriori algorithm	human factors, mine accidents, correlation analysis, human reliability, Apriori algorithm, neural network (NN), principal component analysis (PCA)	10, 3, 409-415	https://doi.org/10.18280/ijsse.100314	Song, Y.F. (2020). A correlation analysis model of human factors in mine accidents based on apriori algorithm. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 409-415. https://doi.org/10.18280/ijsse.100314

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141	An, J.B., Sun, C.F.	Safety assessment of the impacts of foundation pit construction in metro station on nearby buildings	metro station, foundation pit support, buildings, safety assessment	10, 3, 423-429	https://doi.org/10.18280/ijsse.100316	An, J.B., Sun, C.F. (2020). Safety assessment of the impacts of foundation pit construction in metro station on nearby buildings. International Journal of Safety and Security Engineering, Vol. 10, No. 3, pp. 423-429. https://doi.org/10.18280/ijsse.100316
142	Mouras, F., Badri, A.	Survey of the risk management methods, techniques and software used most frequently in occupational health and safety	occupational health and safety (OHS), risk management, methods, techniques, software	10, 2, 149-160	https://doi.org/10.18280/ijsse.100201	Mouras, F., Badri, A. (2020). Survey of the risk management methods, techniques and software used most frequently in occupational health and safety. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 149-160. https://doi.org/10.18280/ijsse.100201
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144	Li, Y.H., Liu, Y., Li, H.B., Liang, N.Y.	Calculation and analysis of load test safety control for through tied-arch bridge with single bearing surface	carrying capacity, load tests, deflection, through tied-arch bridges with single bearing surface (SBS-TTABs)	10, 2, 175-182	https://doi.org/10.18280/ijsse.100203	Li, Y.H., Liu, Y., Li, H.B., Liang, N.Y. (2020). Calculation and analysis of load test safety control for through tied-arch bridge with single bearing surface. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 175-182. https://doi.org/10.18280/ijsse.100203
145	Terai, A., Chiba, T., Shintani, H., Kojima, S., Abe, S., Koshijima, I.	Intrusion detection using long short-term memory model for industrial control system	intrusion detection system, packet pattern, singular spectrum analysis, long short-term memory model	10, 2, 183-189	https://doi.org/10.18280/ijsse.100204	Terai, A., Chiba, T., Shintani, H., Kojima, S., Abe, S., Koshijima, I. (2020). Intrusion detection using long short-term memory model for industrial control system. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 183-189. https://doi.org/10.18280/ijsse.100204
146	Carbone, M., Iovieno, M.	Accurate direct numerical simulation of two-way coupled particle-laden flows through the nonuniform fast Fourier transform	direct numerical simulation, particle-laden flows, two-way coupling, turbulence	10, 2, 191-200	https://doi.org/10.18280/ijsse.100205	Carbone, M., Iovieno, M. (2020). Accurate direct numerical simulation of two-way coupled particle-laden flows through the nonuniform fast Fourier transform. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 191-200. https://doi.org/10.18280/ijsse.100205
147	Fu, G.N., Li, L.M., Liu, X.C., Hao, W.W.	Design of strategy generation system for urban comprehensive disaster prevention planning based on transfer bridge	urban comprehensive disaster prevention planning (UCDPP), transfer bridge, strategy generation system (SGS), two-dimensional (2D) tables	10, 2, 201-208	https://doi.org/10.18280/ijsse.100206	Fu, G.N., Li, L.M., Liu, X.C., Hao, W.W. (2020). Design of strategy generation system for urban comprehensive disaster prevention planning based on transfer bridge. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 201-208. https://doi.org/10.18280/ijsse.100206
148	Shibata, D., Nagao, T.	Seismic resistant design method for open-type wharf with pneumatic caisson foundation	seismic resistant design, open-type wharf, acceleration response, damping constant	10, 2, 209-218	https://doi.org/10.18280/ijsse.100207	Shibata, D., Nagao, T. (2020). Seismic resistant design method for open-type wharf with pneumatic caisson foundation. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 209-218. https://doi.org/10.18280/ijsse.100207
149	Scapini, V.	Disaster, infrastructure damage, and health	natural disasters, earthquake, health, healthiness, public policy, damaged houses, diseases, probabilistic models, difference in difference in differences estimator	10, 2, 219-225	https://doi.org/10.18280/ijsse.100208	Scapini, V. (2020). Disaster, infrastructure damage, and health. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 219-225. https://doi.org/10.18280/ijsse.100208
150	Xu, C.M., Zhu, D.B.	Solving the conflict between accessibility and patent protection of drugs based on public safety	accessibility of drugs, patent rights of drugs, excess profits tax (EPT), master-slave game	10, 2, 227-233	https://doi.org/10.18280/ijsse.100209	Xu, C.M., Zhu, D.B. (2020). Solving the conflict between accessibility and patent protection of drugs based on public safety. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 227-233. https://doi.org/10.18280/ijsse.100209
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152	Horii, H.	Crowd behaviour recognition system for evacuation support by using machine learning	machine learning, deep learning, image recognition, crowd behaviour recognition	10, 2, 243-246	https://doi.org/10.18280/ijsse.100211	Horii, H. (2020). Crowd behaviour recognition system for evacuation support by using machine learning. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 243-246. https://doi.org/10.18280/ijsse.100211
153	Cheng, G.Z., Liu, X.L., Xu, L., Wang, L.Z.	Empirical estimation of the width of highway roadside clear zone	roadside safety, width of clear zone, calculation method, suggestion values	10, 2, 247-253	https://doi.org/10.18280/ijsse.100212	Cheng, G.Z., Liu, X.L., Xu, L., Wang, L.Z. (2020). Empirical estimation of the width of highway roadside clear zone. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 247-253. https://doi.org/10.18280/ijsse.100212
154	Sabar, M., El Hammoumi, M.	Regulatory and institutional context of dangerous goods road transport at the international, African and Moroccan levels	chemicals, dangerous goods, international conventions, regulation, road transport	10, 2, 255-261	https://doi.org/10.18280/ijsse.100213	Sabar, M., El Hammoumi, M. (2020). Regulatory and institutional context of dangerous goods road transport at the international, African and Moroccan levels. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 255-261. https://doi.org/10.18280/ijsse.100213
155	Jin, X.H., Zheng, J.Y., Geng, X.Y.	Prediction of road traffic accidents based on grey system theory and grey Markov model	road traffic accidents, grey system theory, grey Markov model, prediction	10, 2, 263-268	https://doi.org/10.18280/ijsse.100214	Jin, X.H., Zheng, J.Y., Geng, X.Y. (2020). Prediction of road traffic accidents based on grey system theory and grey Markov model. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 263-268. https://doi.org/10.18280/ijsse.100214
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158	Salluri, D.K., Bade, K., Madala, G.	Salluri, D.K., Bade, K., Madala, G.	CNN, disaster, earthquake, floods, RESNET50, VGG-16, VGG-19	10, 2, 285-291	https://doi.org/10.18280/ijsse.100217	Salluri, D.K., Bade, K., Madala, G. (2020). c. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 285-291. https://doi.org/10.18280/ijsse.100217
159	Xu, M.B., Peng, D.H.	PyroSim-based numerical simulation of fire safety and evacuation behaviour of college building	college buildings, fire dynamics, evacuation simulation, Pyrosim, pathfinder	10, 2, 293-299	https://doi.org/10.18280/ijsse.100218	Xu, M.B., Peng, D.H. (2020). PyroSim-based numerical simulation of fire safety and evacuation behaviour of college buildings. International Journal of Safety and Security Engineering, Vol. 10, No. 2, pp. 293-299. https://doi.org/10.18280/ijsse.100218

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222	Melamed, T.	An active man-in-the-middle attack on bluetooth smart devices	BLE security, Bluetooth low energy, Bluetoot	8, 2, 200 - 211	https://doi.org/10.2495/SAFE-V8-N2-200-211	Melamed, T. (2018). An active man-in-the-middle attack on bluetooth smart devices. International Journal of Safety and Security Engineering, Vol. 8, No. 2, pp. 200-211. https://doi.org/10.2495/SAFE-V8-N2-200-211
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226	Ota, Y., Aoyama, T., Nyambayar, D., Koshijima, I.	Cyber incident exercise for safety protection in critical infrastructure	cyber-incident, personnel training, ICS-SIRT	8, 2, 246 - 257	https://doi.org/10.2495/SAFE-V8-N2-246-257	Ota, Y., Aoyama, T., Nyambayar, D., Koshijima, I. (2018). Cyber incident exercise for safety protection in critical infrastructure. International Journal of Safety and Security Engineering, Vol. 8, No. 2, pp. 246-257. https://doi.org/10.2495/SAFE-V8-N2-246-257
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257		Seismic behavior of a masonry chimney retrofitted with composite materials: a preliminary approach	FEM, reinforced masonry TRM walls, seismic loads, seismic retrofitting, slender masonry structures	7, 4, 486 - 497	https://doi.org/10.2495/SAFE-V7-N4-486-497	XXXX (2017). Seismic behavior of a masonry chimney retrofitted with composite materials: a preliminary approach. International Journal of Safety and Security Engineering, Vol. 7, No. 4, pp. 486-497. https://doi.org/10.2495/SAFE-V7-N4-486-497
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302	Rideout, D.B., Wei, Y., Epps, J.R., Mueller, D., Kernohan, N.	Sustainable development and the great sage-grouse	economics, fuel treatment, great basin, landscape analysis, risk, sage-grouse, spatial planning, STARFire, U.S. bureau of land management, wildland fire	7, 1, 31 - 40	https://doi.org/10.2495/SAFE-V7-N1-31-40	Rideout, D.B., Wei, Y., Epps, J.R., Mueller, D., Kernohan, N. (2017). Sustainable development and the great sage-grouse. International Journal of Safety and Security Engineering, Vol. 7, No. 1, pp. 31-40. https://doi.org/10.2495/SAFE-V7-N1-31-40
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