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Abstract ☐ Proceedings of the 2019 International Conference on Artificial Intelligence and Advanced Manufacturing, AIAM 2019 Detailed

> Source: ACM International Conference Proceeding Series, October 17, 2019, Proceedings of the 2019 International Conference on Artificial Intelligence and Advanced Manufacturing, AIAM 2019; ISBN-13: 9781450372022; Conference: 2019 International Conference on Artificial Intelligence and Advanced Manufacturing, AIAM 2019, October 17, 2019 - October 19, 2019; Publisher: Association for Computing

Abstract: The proceedings contain 75 papers. The topic discussed include: recognition of static obstacles with curve features; a method for determining the location of unmanned vehicles in matched maps; adaptive model-updated correlation filters for real-time visual tracking; mining classification rules for HIV-1 protease cleavage sites using simplified swarm optimization; application of 'artificial intelligence and big data' in sports rehabilitation for Chinese judicial administrative drug addicts; leveraging multiple implicit feedback for personalized recommendation with neural network; embossed characters enhancement based on convolutional neural network; and a method for detecting femur fracture based on SK-DenseNet.

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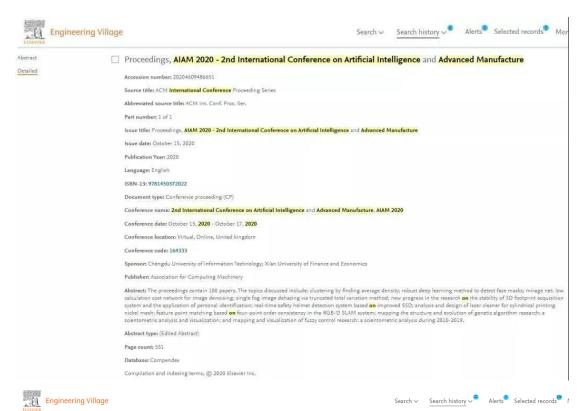
Abstract: The proceedings contain 154 papers. The topics discussed include: static and fatigue strength analysis of a hyperbaric oxygen cabin; moving target detection using inter-frame difference methods combined with texture features and lab color space; research on 3D variable design of corrugated box based on SolidWorks; technology research on the application of high safety anti-metal RFID tags in the asset management of power equipment; research on lane recognition algorithm based on deep learning; research on C-NCAP test and evaluation method based on Chinese characteristic data; detection of research front topic based on data of NSF artificial intelligence project; permutation invariant training based single-channel multi-talker speech recognition with music background; sun shadow localization problem based on genetic algorithm; and combined forecasting model of network security situation

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> ☐ Proceedings - 2020 2nd International Conference on Artificial Intelligence and Advanced Manufacture, AIAM 2020 Source: Proceedings - 2020 2nd International Conference on Artificial Intelligence and Advanced Manufacture, AIAM 2020, October 2020, Proceedings - 2020 2nd International Conference on Artificial Intelligence and Advanced Manufacture, AIAM 2020, ISBN-13: 978172819983; Conferencee 2nd International Conference on Artificial Intelligence and Advanced Manufacture, AIAM 2020, December 26, 2020; Publisher Institute of Teaching and Executive Segimens Inc.

Abstract: The proceedings contain 95 papers. The topics discussed include: SSC-LINAC control system based on PLCs; detection device of steel rope of the strop; intelligent base electricity consumption calculation for the resumption of work; research on the transfer of patented technology in the UAV field among provinces based on social network analysis; the load portrait method for urban substation based on clustering; research on high accuracy gearbox fault classification method; multi-crack study on fuselage of civil aircraft, optimal design of kinematic characteristics of plane flip four-bar linkage based on Adams; application of deep learning in prediction of linkage relationship between wells; and robust mobile location estimator with NLOS miligation using reconstruction and regression.

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