



Record

Record 1 from Compendex for: (((((AIAM) WN ALL)) AND ((cp) WN DT))), 1884-2020

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Abstract

Detailed

- Proceedings of the 2019 International Conference on Artificial Intelligence and Advanced Manufacturing, **AIAM 2019**

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 Machinery

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.

Database: Compendex



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Detailed results: 1

Downloaded: 6/11/2020

1. Proceedings - 2019 International Conference on Artificial Intelligence and Advanced Manufacturing, AIAM 2019

Accession number: 20202108675516

Source title: Proceedings - 2019 International Conference on Artificial Intelligence and Advanced Manufacturing, AIAM 2019

Abbreviated source title: Proc. - Int. Conf. Artif. Intell. Adv. Manuf., AIAM

Part number: 1 of 1

Issue title: Proceedings - 2019 International Conference on Artificial Intelligence and Advanced Manufacturing, AIAM 2019

Issue date: October 2019

Publication year: 2019

Language: English

ISBN-13: 9781728146911

Document type: Conference proceeding (CP)

Conference name: 2019 International Conference on Artificial Intelligence and Advanced Manufacturing, AIAM 2019

Conference date: October 17, 2019 - October 19, 2019

Conference location: Dublin, Ireland

Conference code: 159644

Publisher: Institute of Electrical and Electronics Engineers Inc.

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 based on information fusion.

Abstract type: (Edited Abstract)

Page count: 811

Database: Compendex

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Data Provider: Engineering Village



Abstract
Detailed

Proceedings, **AIAM 2020 - 2nd International Conference on Artificial Intelligence and Advanced Manufacture**

Accession number: 20204609486651

Source title: **ACM International Conference** Proceeding Series

Abbreviated source title: ACM Int. Conf. Proc. Ser.

Part number: 1 of 1

Issue title: Proceedings, **AIAM 2020 - 2nd International Conference on Artificial Intelligence and Advanced Manufacture**

Issue date: October 15, 2020

Publication Year: 2020

Language: English

ISBN-13: 9781450372022

Document type: Conference proceeding (CP)

Conference name: **2nd International Conference on Artificial Intelligence and Advanced Manufacture, AIAM 2020**

Conference date: October 15, 2020 - October 17, 2020

Conference location: Virtual, Online, United Kingdom

Conference code: 164333

Sponsor: Chengdu University of Information Technology; Xi'an University of Finance and Economics

Publisher: Association for Computing Machinery

Abstract: The proceedings contain 100 papers. The topics discussed include: clustering by finding average density; robust deep learning method to detect face masks; mirage net: low calculation cost network for image denoising; single fog image dehazing via truncated total variation method; new progress in the research on the stability of 3D footprint acquisition system and the application of personal identification; real-time safety helmet detection system based on improved SSD; analysis and design of laser cleaner for cylindrical printing nickel mesh; feature point matching based on four-point order consistency in the RGB-D SLAM system; mapping the structure and evolution of genetic algorithm research; a scientometric analysis and visualization; and mapping and visualization of fuzzy control research; a scientometric analysis during 2010-2019.

Abstract type: (Edited Abstract)

Page count: 551

Databases: Compendex

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Abstract
Detailed

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: 9781728199863, Conference: 2nd International Conference on Artificial Intelligence and Advanced Manufacture, AIAM 2020, December 26, 2020; Publisher: Institute of Electrical and Electronics Engineers 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 mitigation using reconstruction and regression.

Databases: Compendex