

Documents

Export Date: 08 Sep 2022

Search: CONF(ICMERR 2021)

1) Ma, J.

[Modeling and Simulation of Automatic Emergency Braking Control System for Unmanned All-Terrain Vehicle](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 106-109.

1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125675044&doi=10.1109%2fICMERR54363.2021.9680851&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680851

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

[2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021](#)

2) (2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, 151 p.

2) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125674922&partnerID=40&md5=103345aa3325953353af022aa09e27>
Document Type: Conference Review

Publication Stage: Final

Source: Scopus

3) Pedrosa, M.V.A., Schneider, T., Flaskkamp, K.

[Graph-based Motion Planning with Primitives in a Continuous State Space Search](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 30-39.

3) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125673985&doi=10.1109%2fICMERR54363.2021.9680825&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680825

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

4) Chan, L., Huang, Q., Wang, P., Han, Y.

[An Adaptive Fuzzy Observer Based Delay Compensator for Time Delayed Bilateral Teleoperation Systems](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,
ICMERR 2021, pp. 83-90.

- 4) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125672120&doi=10.1109%2fICMERR54363.2021.9680867&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680867

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 5) Watanabe, T., Iizuka, K.
[Study on effectiveness of vibrating wheel's shape for improving running performance of small planetary exploration rovers with wheels on loose ground](#)
(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,
ICMERR 2021, pp. 122-129. Cited 1 time.

- 5) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125669883&doi=10.1109%2fICMERR54363.2021.9680865&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680865

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 6) Kazeminasab, S., Razavi, M., Dehghani, S., Khosrotabar, M., Banks, K.
[A Self-Rescue Mechanism for an In-Pipe Robot for Large Obstacle Negotiation in Water Distribution Systems](#)
(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,
ICMERR 2021, pp. 91-96.

- 6) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125668434&doi=10.1109%2fICMERR54363.2021.9680831&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680831

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 7) Wang, B., Jia, L., Liu, S., Zhang, H., Yin, Z.
[A Position-Control-Based Framework for Dynamic and Robust Quadrupedal Trotting](#)
(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,
ICMERR 2021, pp. 22-29.

- 7) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125657738&doi=10.1109%2fICMERR54363.2021.9680860&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680860

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 8) Tuzel, M.C., Sanliturk, K.Y.

[Assessment of a Test Rig for the Measurement of Contact Properties of Bolted Joints](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,

ICMERR 2021, pp. 46-53.

- 8) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125649367&doi=10.1109%2fICMERR54363.2021.9680826&partnerID>

DOI: 10.1109/ICMERR54363.2021.9680826

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 9) Geschonke, M., Rossinger, M., Hecht, B., Todtermuschke, M., Ihlenfeldt, S.

[Robot-Guided Lightweight Engineering Fixtures: Process Lightweight Engineering for More Flexible, Resource-Saving and Energy-Efficient Production](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,

ICMERR 2021, pp. 15-21.

- 9) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125645970&doi=10.1109%2fICMERR54363.2021.9680849&partnerID>

DOI: 10.1109/ICMERR54363.2021.9680849

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 10) Emam, A., Wahba, E.M., Adam, I.G.

[Experimental Investigation for the Influences of Bio-Inspired Tubercles Length on Aerodynamic Performance of Highly Cambered Airfoils in Low-Re Transient-Flow Regime](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,

ICMERR 2021, pp. 77-82.

- 10) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125643709&doi=10.1109%2fICMERR54363.2021.9680824&partnerID>

DOI: 10.1109/ICMERR54363.2021.9680824

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 11) Caesarendra, W., Pranoto, K.A., Goldasz, J., Petra, P.M.I.H., Sulowicz, M., Zaini, J., Suryo, S.H., Haryadi, G.D.
[Analysis of Stress on Boom Excavator v EC650BE Using Finite Element Method](#)
(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 110-116.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125641523&doi=10.1109%2fICMERR54363.2021.9680847&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680847

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus
- 12) Maliks, R., Kadikis, R.
[Multispectral data classification with deep CNN for plastic bottle sorting](#)
(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 58-65.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125634539&doi=10.1109%2fICMERR54363.2021.9680850&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680850

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus
- 13) Caesarendra, W., Sulowicz, M., Suprihanto, A., Wibowo, D.B., Abas, P.E., Suryo, S.H., Wibiantoro, A.
[Keris Geometry Accuracy Using 3D Scanning Technique](#)
(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 54-57.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125630166&doi=10.1109%2fICMERR54363.2021.9680816&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680816

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus
- 14) Inaba, K., Iizuka, K.
[Study on Relationship between Traveling State and Chassis Strain at Traveling Loose Soil for Rovers](#)
(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 136-141.
14)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125626845&doi=10.1109%2fICMERR54363.2021.9680856&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680856

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

15) Ma, J.

[Design and Analysis of Control Circuit for Danger Alarm Light and Turn Light of Vehicle Based on Multisim](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 72-76.

15) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125626636&doi=10.1109%2fICMERR54363.2021.9680839&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680839

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

16) Balon, A., Benes, P., Sika, Z.

[Aeroelastic Model of a Morphing Wing for Control Design and Optimization](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 130-135.

16) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125626598&doi=10.1109%2fICMERR54363.2021.9680832&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680832

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

17) De Carvalho Tech, R., Thomaz Aquino, P.

[Dynamic Power Management on a Mobile Robot](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 8-14.

17) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125626562&doi=10.1109%2fICMERR54363.2021.9680818&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680818

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

18) Mo, J.P.T.

[Preface](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, p. VI.

18) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125625527&doi=10.1109%2fICMERR54363.2021.9680820&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680820

Document Type: Editorial

Publication Stage: Final

Access Type: Open Access

Source: Scopus

19) Khalil, M.F., Elmaradny, A.A., Lotfy, E.R.

[Experimental investigation of the effect of prismatic roughness on the performance of belt skimmers in oil spill recovery applications](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 66-71. Cited 1 time.

19) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125623886&doi=10.1109%2fICMERR54363.2021.9680814&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680814

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

20) Ma, J.

[Finite Element Analysis of Transformable Wheel for Special Vehicle Based on ANSYS](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 142-146.

20) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125623660&doi=10.1109%2fICMERR54363.2021.9680844&partnerID>
DOI: 10.1109/ICMERR54363.2021.9680844

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

21) Ma, J.

[Finite Element Analysis of Key Parts of Deformation Wheel for All Terrain Vehicle](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2021, pp. 117-121.

21)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125619336&doi=10.1109%2fICMERR54363.2021.9680845&partnerID>

DOI: 10.1109/ICMERR54363.2021.9680845

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 22) Zakieta, P., Zieja, M., Bok, B.

[Particle filter as the localization of the robot on the football pitch](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,

ICMERR 2021, pp. 40-45.

- 22) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125618521&doi=10.1109%2fICMERR54363.2021.9680861&partnerID>

DOI: 10.1109/ICMERR54363.2021.9680861

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 23) Gouda, A., Ghanem, A., Kaiser, P., Hompel, M.T.

[Object class-agnostic segmentation for practical CNN utilization in industry](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,

ICMERR 2021, pp. 97-105.

- 23) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125617097&doi=10.1109%2fICMERR54363.2021.9680821&partnerID>

DOI: 10.1109/ICMERR54363.2021.9680821

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 24) Aerts, P., Slaets, P., Demeester, E.

[Incorporating Moving Landmarks within 2D Graph-Based SLAM for Dynamic Environments](#)

(2021) 2021 6th International Conference on Mechanical Engineering and Robotics Research,

ICMERR 2021, pp. 1-7.

- 24) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125616064&doi=10.1109%2fICMERR54363.2021.9680817&partnerID>

DOI: 10.1109/ICMERR54363.2021.9680817

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus