

**Advancement in perception capabilities for autonomous vehicles : from dataset collection to scene interpretation =
Autonoomsete sõidukite tajuvõimekuse täiustamine : andmekogumisest stseeni tõlgendamiseni**

Gu, Junyi 2024 https://www.ester.ee/record=b5703761*est <https://digikogu.taltech.ee/et/Item/a1d10aec-0115-4574-8548-356884ec5e86>
<https://doi.org/10.23658/taltech.60/2024>

Digital twin-based EV permanent magnet synchronous motor for condition monitoring

Mohamed, Mahmoud Ibrahim Hassanin 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 19-20 : ill https://www.ester.ee/record=b5570906*est

Intelligent traction control for electric vehicles using hyperspectral imaging

Valme, Daniil 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 15-16 : ill https://www.ester.ee/record=b5570906*est

Object segmentation for autonomous driving using iseAuto data

Gu, Junyi; Bellone, Mauro; Sell, Raivo; Lind, Artjom Electronics (Switzerland) 2022 / Art. 1119
<https://doi.org/10.3390/electronics11071119> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Propulsion drive system data measurement for digital twin test bench validation

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Range sensor overview and blind-zone reduction of autonomous vehicle shuttles

Gu, Junyi; Chhetri, Tek Raj IOP conference series : materials science and engineering 2021 / art. 012006, 7 p. : ill
<https://doi.org/10.1088/1757-899X/1140/1/012006>