

### **Automated training set size reduction for detection of small and thin objects**

**Pihlak, Rene; Riid, Andri** 12th International Conference on Information Systems and Advanced Technologies "ICISAT 2022" : Intelligent Information, Data Science and Decision Support System 2023 / p. 423-433 [https://doi.org/10.1007/978-3-031-25344-7\\_39](https://doi.org/10.1007/978-3-031-25344-7_39)  
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### **Automatic visual traffic sign damage detection and measurement of damaged area**

**Ersü, Can; Janson, Karl; Petlenkov, Eduard; Reinsalu, Uljana** 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 / p. 505-510 <https://doi.org/10.1109/ICARCV63323.2024.10821546>

### **How can sustainable public transport be improved? A traffic sign recognition approach using convolutional neural network**

Liu, Jingjing; Ge, Hongwei; Li, Jiajie; He, Pengcheng; Hao, Zhangang; **Hitch, Michael William** Energies 2022 / art. 7386, 14 p. : ill <https://doi.org/10.3390/en15197386>

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### **Morphological cross entropy loss for improved semantic segmentation of small and thin objects**

**Pihlak, Rene; Riid, Andri** Procedia computer science 2021 / p. 582–591 <https://doi.org/10.1016/j.procs.2021.08.060> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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### **The idea of vertical signs of the horizontal curves in the aspect of traffic safety**

Кемра, J.; Szczuraszek, T. Научная конференция "Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 14-17: ил

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