

#### **Digital twin as industrial robots manipulation validation tool**

**Kuts, Vladimir; Marvel, Jeremy A.; Aksu, Murat; Pizzagalli, Simone Luca; Sarkans, Martinš; Bondarenko, Yevhen; Otto, Tauno** Robotics 2022 / art. 113 <https://doi.org/10.3390/robotics11050113> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **A Scoping Review of Energy Consumption in Industrial Robotics**

**Muru, Johannes; Rassölkin, Anton** Machines 2025 / art. 542 <https://doi.org/10.3390/machines13070542>

#### **Unified interface for programming and control of industrial robots**

**Bondarenko, Yevhen; Pizzagalli, Simone Luca; Kuts, Vladimir; Otto, Tauno** EuroXR 2023 : Proceedings of the 20th EuroXR International Conference 2023 / p. 182-185 <https://doi.org/10.32040/2242-122X2023.T422>  
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