Name: 2018

Occurences:
· Einrichtungen > Fakultäten > Fakultät für Informatik > Lehrstühle der Informatik > Informatik 6 - Lehrstuhl für Echtzeitsysteme und Robotik (Prof. Knoll)
entries:

[1/55]: Bing, Zhenshan; Meschede, Claus; Huang, Kai; Chen, Guang; Röhrbein, Florian; Akl, Mahmoud; Knoll, Alois; End to End Learning of Spiking Neural Network based on R-STDP for a Lane Keeping Vehicle, to be appear; 2018 IEEE International Conference on Robotics and Automation (ICRA); 2018

[2/55]: Giusti, A.; Althoff, M.; On-The-Fly Control Design of Modular Robot Manipulators; IEEE Transactions on Control Systems Technology; 2018; 26; 4; 1484-1491


[4/55]: Rickert, Markus; Gaschler, Andre; Knoll, Alois; Applications in HHI: Physical Cooperation: Humanoid Robotics: A Reference; Goswami, Ambarish; Vadakkepat, Prahлад; Springer; 2018

[5/55]: Söntges, S.; Althoff, M.; Computing the Drivable Area of Autonomous Road Vehicles in Dynamic Road Scenes; IEEE Transactions on Intelligent Transportation Systems; 2018; 19; 6; 1855-1866

[6/55]: Wagner, M.; Liu, S. B.; Giusti, A.; Althoff, M.; Interval-Arithmetic-Based Trajectory Scaling and Collision Detection for Robots with Uncertain Dynamics; Proc. of the IEEE International Conference on Robotic Computing; 2018

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[8/55]: Stefan Kugele, David Hettler, Sina Shafaei, Elastic Service Provision for Intelligent Vehicle Functions, 2018

[9/55]: Sina Shafaei, Fabian Müller, Tim Salzmann, Morteza Hashemi Farzaneh, Stefan Kugele, Alois Knoll, Context Prediction Architectures in Next Generation of Intelligent Cars, 2018

[10/55]: Mesut Kuscu, Sina Shafaei and Alois Knoll, Abnormal Driver Behavior Detection for Automated Emotion Recognition (Poster), 2018

[11/55]: Albanese, Ugo; Sharma, Kenny; Feldotto, Benedikt; Akl, Mahmoud; Weber, Sandro; Mahmoud, Hossain; Angelidis, Manos; von Arnim, Axel; Cantero, Kepa; Hinkel, Georg; Aichele, Fabian; Welter, Michael; Murphy, Susie; Guyot, Luc; Sousa, Claudio; Schmid, Yves; Gewaltig, Marc-Oliver, HBP Neurorobotics Platform, Zenodo, 2017


[13/55]: Althoff, M.; Lutz, S., Automatic Generation of Safety-Critical Test Scenarios for Collision Avoidance of Road Vehicles, Proc. of the IEEE Intelligent Vehicles Symposium, 2018

[14/55]: Asen, Ludwig; Martens, Sladjana; Heiz, Ueli; Knoll, Alois C.; Schneider, Oliver, Electrodeposition of Pt and Gd from the Same Ionic Liquid, ECS Transactions, 2018, 86, 13, 475-487

[15/55]: Bernhard, J.; Gieselmann, R.; Esterle, K.; Knoll, A., Experience-Based Heuristic Search: Robust Motion Planning with Deep Q-Learning, 2018 21st International Conference on Intelligent Transportation Systems (ITSC), 2018

[16/55]: Bing, Zhenshan; Meschede, Claus; Röhrbein, Florian; Huang, Kai; Knoll, Alois C., A Survey of Robotics Control Based on Learning-Inspired Spiking Neural Networks, Frontiers in Neuro robotics, 2018, 12

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[18/55]: Esterle, Kleemens; Hart, Patrick; Bernhard, Julian; Knoll, Alois, Spatiotemporal Motion Planning with Combinatorial Reasoning for Autonomous Driving, IEEE International Conference on Intelligent Transportation Systems, 2018

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[22/55]: Gulati, Dhiraj and Aravantinos, Vincent and Somani Nikhil and Knoll, Alois, Robust Vehicle Infrastructure Cooperative Localization in Presence of Clutter, 21st International Conference on Information Fusion (FUSION), 2018


[24/55]: Liang, Yunchang; McLaughlin, David; Csoklich, Christoph; Schneider, Oliver; Bandarenka, Aliaksandr S., The nature of active centers catalyzing oxygen electro-reduction at platinum surfaces in alkaline media, Energy & Environmental Science, 2019

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[48/55]: Walter, Florian; Morin, Fabrice O.; Knoll, A., Multisensory Integration in the HBP Neurorobotics Platform, Proceedings of The 28th Annual Conference of the Japanese Neural Network Society, 2018

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