

Wykaz publikacji autora:

1. **J. Porębski**, K. Kogut, P. Markiewicz, and P. Skruch. Occupancy grid for static environment perception in series automotive applications. *IFAC-PapersOnLine*, 52(8):148–153, 2019. doi: 10.1016/j.ifacol.2019.08.063
2. **J. Porębski**. Customizable inverse sensor model for bayesian and dempster-shafer occupancy grid frameworks. In *Advances in Intelligent Systems and Computing*, pages 1225–1236. Springer International Publishing, 2020. doi: 10.1007/978-3-030-50936-1_102
3. P. Markiewicz and **J. Porębski**. Developing occupancy grid with automotive simulation environment. *Applied Sciences*, 2020. doi: 10.3390/app10217629
4. **J. Porębski** and K. Kogut. Performance evaluation of the highway radar occupancy grid. *Sensors*, 2021. doi: 10.3390/s21062177

Wykaz patentów zgłoszonych w trakcie trwania doktoratu:

1. P. Markiewicz, D. Sasin, and **J. Porębski**. Method and system for mapping a physical environment by means of an occupancy grid, 2020. URL <https://lens.org/019-723-872-035-825>
2. M. Rózewicz, K. Kogut, **J. Porębski**, R. Burza i D. Borkowski. Methods and systems for determining alignment parameters of a radar sensor, 2022. URL <https://lens.org/046-488-618-203-143>
3. **J. Porębski**, K. Kogut i M. Rózewicz. System and method for mapping a vehicle environment, 2022. URL <https://lens.org/098-750-944-435-676>
4. M. A. Moawad, A. Sorrentino, N. Chen, M. H. Laur, **J. Porębski**, A. Somanath, A. Sommer, K. Zhang, U. Iurgel, A. Ioffe, K. Kogut, C. Karabulut i D. Karanovic. Vehicle localization based on radar detections, 2022. URL <https://lens.org/034-927-046-417-379>
5. N. Chen, A. Somanath, M. A. Moawad, A. Sorrentino, M. H. Laur, **J. Porębski**, A. Sommer, K. Zhang, U. Iurgel, A. Ioffe, K. Kogut, C. Karabulut i D. Karanovic. Radar reference map generation, 2022. URL <https://lens.org/047-914-343-702-511>
6. A. Sorrentino, M. A. Moawad, N. Chen, M. H. Laur, **J. Porębski**, A. Somanath, A. Sommer, K. Zhang, U. Iurgel, A. Ioffe, K. Kogut, C. Karabulut i D. Karanovic. Radar reference map generation, 2022. URL <https://lens.org/022-704-305-791-995>
7. A. Somanath, M. A. Moawad, M. H. Laur, N. Chen, A. Sorrentino, A. Sommer, K. Zhang, **J. Porębski** i K. Kogut. Vehicle routing based on availability of radar-localization objects, 2022. URL <https://lens.org/116-343-669-635-878>
8. **J. Porębski** i K. Kogut. Free space estimation, 2022. URL <https://lens.org/094-727-099-689-386>