

Projekta Izp-2018/2-0344 rezultāti

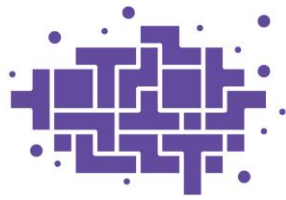
Aerokosmiskās sistēmas projektēšana un modelēšana piko- un nanosatelītu palaišanai zemes orbītā

Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS:

1. Kuleshov, N.; Kravchenko, S.; Shestakov, V.; Bloomberg, I.; Titov, D.; Panova, N. Modelling the Overall, Mass and Aerodynamic Characteristics of the First and Second Stages of the System for Launching Micro- and Nanosatellites into Low Earth Orbits. - 25th International Scientific Conference Transport Means 2021, Kauno Technologijos Universitetas: Vol. 2021-October, pp 555-561.
2. Kravchenko, S.; Kuleshov, N.; Shestakov, V.; Panova, N.; Blumbergs, I. Advantage of using aircraft-type stages for creating «latlaunch» launch vehicle. - 20th International Scientific Conference Engineering for Rural Development, ERD 2021, Latvia University of Life Sciences and Technologies: Vol. 20, pp 891-898. <https://doi.org/10.22616/ERDev.2021.20.TF202>
3. Kravchenko, S.; Kuleshov, N.; Shestakov, V.; Panova, N.; Blumbergs, I. Comparative Analysis of Possible Aircraft Payload Transportation Method, Suitable for the LatLaunch Reusable Launch Vehicle Operation. - 25th International Scientific Conference Transport Means 2021, Kauno Technologijos Universitetas: Vol. 2021-October, pp 818-825.
4. Urbahs, A.; Kravchenko, S.; Urbaha, M.; Carjova, K.; Panova, N.; Chatys, R. Latlaunch air-launch system for low-cost launching of small satellites into low earth orbit. – Aviation, 2021, 25 (2), 73-78, <https://doi.org/10.3846/aviation.2021.12382>
5. Kuleshov N., Shestakov V., Kravchenko S., Blumbergs I., Titov D., Panova N. Some results on research on the LatLaunch project for the launching system of pico- and nanosatellites into low Earth orbit. - Proceedings of XXth Int.Sci.Conf.XXX 2021, Warsaw, Poland, 2021, [AEC 2021 053 Kuleshov Nikolay.pdf \(pw.edu.pl\)](https://www.pw.edu.pl/AEC_2021_053_Kuleshov_Nikolay.pdf)

Recenzētas zinātniskās monogrāfijas:

1. Kravchenko S., Kuleshov N., Blumbergs I., Panova N. Approaches to the creation of a low-budget multistage aircraft- platform based launch vehicle used winged air vehicle-type stages. - RTU Publ. House, 2021.

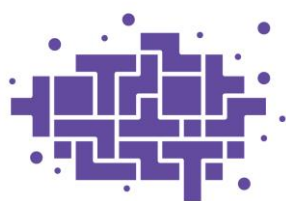


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Reģistrēts intelektuālais īpašums:

1. Kravchenko S., Kulešovs N., Blumbergs I., Panova N., Šestakovs V. Sistēma derīgās kravas nogādei zemes orbītā, LV15679



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