

2016

Закордонні журнали

1. A.C.P. Oude Nijhuis, F.J. Yanovsky, O.A. Krasnov, C. M. H. Unal, H. W. J. Russchenberg, and A. Yarovoy, Assessment of the rain drop inertia effect for radar-based turbulence intensity retrievals *Int. J. of Microwave and Wireless Technologies*, Vol. 8, Issue 6, 2016, pp. 835-844. doi:10.1017/S1759078716000660 (Журнал Велика Британія, імпакт фактор 0.99, Scopus, WoS) Q3
2. F. J. Yanovsky, Glimpses of Early Radar Developments in Ukraine and Former Soviet Union, *Radio Science Bulletin* No 358, September 2016, pp. 35-68. DOI: 10.23919/URSIRSB.2016.7909881 (Журнал, США, IEEE Xplore) Q2

Вітчизняні журнали

3. Ф. Яновський, Масонська ложа технарів, *Куншт. Наука як мистецтво*. Вип. 3, 2016, С. 86-89.

Наукові статті у працях міжнародних конференцій, що входять у Scopus

4. Yu.A. Averyanova, F.J. Yanovsky, An approach to discrimination of hydrometeors with similar polarization properties within the resolution, 2016 17th International Radar Symposium (IRS) ISBN: 978-1-5090-2517-6, Krakow, May 10-12, 2016, pp. 1-4. 978-1-5090-2518-3/16/\$31.00 ©2016 IEEE
5. F.J. Yanovsky, A.N. Rudyakova, and R.B. Sinitsyn, Multivariate Copula Approach for Polarimetric Classification in Weather Radar Applications. 2016 17th International Radar Symposium (IRS) ISBN: 978-1-5090-2517-6, Krakow, May 10-12, 2016, pp. 1-4. 978-1-5090-2518-3/16/\$31.00 ©2016 IEEE
6. A.N. Rudyakova, F.J. Yanovsky, R.B. Sinitsyn, and Yu.A. Averyanova, "Copula Analysis of Full Polarimetric Weather Radar Complex Signals" *European Radar Conference EuRAD 2016*, London, Oct. 2016, pp. 197-200.
7. Yu.A. Averyanova and F.J. Yanovsky, Polarimetric Method to Discriminate the Drops on Sizes within the Resolution Volume, 2016 International Conference on Mathematical Methods in Electromagnetic Theory (MMET'2016), Lviv, 5-7 July, 2016, pp. 176-179.
8. A.N. Rudyakova, R.B. Sinitsyn, and F.J. Yanovsky, Copula Simulation of Weather Radar Inputs, 2016 International Conference on Mathematical Methods in Electromagnetic Theory (MMET'2016), Lviv, 5-7 July, 2016, pp. 172-175.
9. F.J. Yanovsky, R.B. Sinitsyn, "Application of Wideband Signals for Acoustic Localization," Eighth International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS-2016), Odessa, September 5-11, 2016, pp. 27-35.

10. A.A. Pitertsev and F.J. Yanovsky, "Refined Models and Numerical Simulation of Polarimetric Radar Signals Scattered by Various Types of Hydrometeors", 2016 IEEE Radar Methods and Systems Workshop (RMSW), September 27-28, Kyiv, Ukraine, 2016, pp.46-49.
11. Anna Rudiakova, Daria Turenko, and Felix Yanovsky, "Spectral Polarimetric Method for Turbulence Intensity Estimation in Rain", 2016 IEEE Radar Methods and Systems Workshop (RMSW), September 27-28, Kyiv, Ukraine, 2016, pp. 50-55.
12. Felix Yanovsky, Rustem Sinitsyn, Yevhen Chervoniak, Vitaliy Makarenko, Vadim Tokarev, and Oleksandr Zaporozhets, "Moving Target Detection and Tracking Using Passive Acoustic Radar", 2016 IEEE Radar Methods and Systems Workshop (RMSW), September 27-28, Kyiv, Ukraine, 2016, pp. 87-90.

Патенти

13. Патент № 106864 «Система одержання та поширення метеорологічної інформації», Зареєстровано 10.05.2016 // Ю.А. Авер'янова, Ф.Й. Яновський

Тези доповідей, доповіді

14. A.N. Rudyakova, F.J. Yanovsky, R.B. Sinitsyn, and Yu.A. Averyanova, "Copula Analysis of Full Polarimetric Weather Radar Complex Signals" European Radar Conference EuRAD 2016, London, Book of abstract 2016, P. 9.
15. F. Yanovsky, "Spectral Polarimetric Method for Remote Sensing of Natural Environment," Invited speech at the Plenary Session, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, June, 20-24, 2016, Kharkiv, Ukraine.
16. F.J. Yanovsky, R.B. Sinitsyn, "Application of Wideband Signals for Acoustic Localization," Invited paper at Eighth International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS-2016), Odessa, September 5-11, Book of abstracts, 2016, p.26.
17. F.J. Yanovsky, "Spectral Polarimetric Remote Sensing of Natural Objects: from Rain to Astrophysics", Invited speech at the Plenary Session at the II International Young Scientists Forum on Applied Physics and Engineering, October 10-14, 2016, Kharkiv, Ukraine.
18. F.J. Yanovsky, "Models, methods, and prospect of spectral-polarimetric remote sensing natural objects and phenomena", 4th IEEE Workshop on Advances in Information, Electronic and Electrical Engineering (AIEEE'2016), Invited Keynote Speech. November 11, 2016, Vilnius, Lithuania.