

Pysarenko T.V. — PhD in Engineering, Deputy Director of Ukrainian Institute for Scientific Technical Expertise and Information, 180, Antonovycha Str., Kyiv, Ukraine, 03680; +38 (044) 521-00-14; pisarenko@uintei.kiev.ua

Kuranda T.K. — Head of Department of UkrISTEI, 180, Antonovycha Str., Kyiv, Ukraine, 03680; +38 (044) 521-00-02; kuranda@uintei.kiev.ua

Yevtushenko V.M. — Head of Sector of UkrISTEI, 180, Antonovycha Str., Kyiv, Ukraine, 03680; +38 (044) 521-00-24; evtush@uintei.kiev.ua

Kochetkova O.P. — Head of Sector of UkrISTEI, 180, Antonovycha Str., Kyiv, Ukraine, 03680; +38 (044) 521-00-29; kochetkova@uintei.kiev.ua

STATUS OF SCIENTIFIC AND SCIENTIFIC AND TECHNICAL ACTIVITIES IN UKRAINE UNDER MONITORING DATA

***Abstract.** In modern economies, up to 90% of growth are provided at the expense of intellectual resources, primarily the results of scientific and technical activities, and their transformation into innovative products. Under these conditions, a comprehensive objective analysis of the state of scientific and technical activities and obtained results are being given a close attention throughout the world. The article presents the results of author's research on financial support and performance of scientific works in Ukraine in 2016, the creation and implementation of research and development results. The state of patent and publication activity in the countries of the world, Ukraine's position in international ratings are shown.*

***Keywords:** innovative development, financial support, science intensity of GDP, scientific (scientific and technical) products, publications, patent activity.*

REFERENCES

1. *Lopatenko A.S.* Sovremennye nauchnye informatsionnye sistemy. Perspektivy ispolzovaniya [Modern scientific information systems. Perspectives of use]. Available at: http://derpi.tuwien.ac.at/~andrei/CRIS_DOC.htm.

2. *Asserson A., Jeffery K.* (2010) CRIS and Institutional Repositories. *Data Science Journal*, no. 9, pp. 14–23. Available at: <http://datascience.codata.org/articles/abstract/10.2481/dsj.CRIS3>.

3. The Global Innovation Index 2017: Innovation Feeding the World. Available at: <http://www.globalinnovationindex.org>.

4. The Global Innovation Index 2016: Winning with Global Innovation. Available at: <http://www.globalinnovationindex.org>.

5. The Global Competitiveness Report 2015–2016. Available at: http://www3.weforum.org/docs/.../2015-2016/Global_Competitiveness_Report_2015-2016.

6. The Global Competitiveness Report 2016–2017. Available at: http://www3.weforum.org/docs/GCR2016-2017/05FullReport/TheGlobalCompetitivenessReport2016-2017_FINAL.pdf.

7. *Lebeda T.B.* Stan finansuvannia naukovykh ta naukovo-tekhnichnykh robit v Ukraini: statystychnyi rozriz [The state of financing of scientific and scientific and technical researches in Ukraine: statistics]. Available at: dspace.nbuv.gov.ua/bitstream/handle/.../01-Lebeda.pdf?...1.

8. *Malitskyi B.A., Popovych O.S., Soloviov V.P.* (2004) Ratsionalne finansuvannia nauky yak peredumova rozbudovy znannievoho suspilstva v Ukraini [Rational financing of science as a prerequisite for the development of the knowledge society in Ukraine]. Kyiv (in Ukr.): Feniks Publ., 32 p. Available at: http://www.irbis-nbuv.gov.ua/cgi-bin/irbis_nbuv.

9. *Yurkevych O.M.* (2010) Innovatsiine spriamuvannia investytsiinoho potentsialu finansovykh instytutiv [Innovative direction of investment potential of financial institutions]. *Finansy Ukrayiny* [Finance of Ukraine], no. 10, pp. 81–86. Available at: www.irbisnbuv.gov.ua/.../cgiirbis_64.exe?

10. Gross domestic expenditure on R&D (GERD)% of GDP. Available at: http://ec.europa.eu/eurostat/tgm/refreshTableAction.do?tab=table&plugin=1&pcode=t2020_20&language=en.

11. OECD Factbook 2015-2016: Economic, Environmental and Social Statistics. Available at: www.oecd.org/publications/oecd-factbook-18147364.htm/
Published on April 08, 2016

12. Analitichna dovidka. Stan rozvytku nauky i tekhniky, rezultaty naukovoyi i naukovo-tekhnichnoyi diyalnosti za 2016 rik [Analytical Reference. Status of development of science and technology, results of scientific and scientific activity for 2016]. MES of Ukraine, UkrISTEI. Kyiv, 2017. Available at: <http://mon.gov.ua/content/na-sajt-mon-ad-kmu-11.07.17.pdf>.

13. *Moyseychik G.I., Faradzhov T.M.* (2015) Tekhnologicheskoe liderstvo kak neobkhodimoe uslovie khozyaystvennogo suvereniteta [Technological leadership as a necessary condition of economic sovereignty]. Bankaŷski vesnik Publ., no. 9, pp. 8–26. Available at: <https://www.nbrb.by/bv/articles/10175.pdf>.

14. Scimago Journal & Country Rank. Available at: http://www.scimagojr.com/countryrank.php?min=0&min_type=it.

15. Human Development Report 2015. Work for Human Development. Available at: http://hdr.undp.org/sites/default/files/2015_human_development_report.pdf.

16. Human Development Report 2016. Human Development for Everyone. Available at: http://hdr.undp.org/sites/default/files/2016_human_development_report.pdf.

17. New Statistical Yearbooks Published by China Statistics Press. Available at: <http://www.stats.gov.cn/tjsj/ndsj/2016/indexeh.htm>.

18. Ukraina pidnialasia na 6 pozytsii u Hlobalnomu innovatsiinomu indeksi [Ukraine has risen to 6 positions in the Global Innovation Index]. Available at: https://uifuture.org/uk/post/ukraina-pidnalasa-na-6-poziciju-globalnomu-innovacijnomu-indeksi_30.