Топ 10 завантажень статей професорсько-викладацького складу ЛДУФК, опублікованих в наукових журналах БД Scopus

(станом на 1 вересня 2017 р.)

1. Pichia guilliermondii // Yeast B iotechnology: Diversity and Applications / Andriy A. Sibirny, Yuriy R. Boretsky ; ed. T. Satyanarayana, G. Kunze. – Springer Science , 2009. – Ch. 6. – P. 113 – 134. (**658**).
2. Positive selection of mutants defective in transcriptional repression of riboflavin synthesis by iron in the flavinogenic yeast Pichia guilliermondii / Boretsky Y. R., Kapustyak K. Y., Fayura L. R., Stasyk O. V., Stenchuk M. M., Bobak Y. P., Drobot L. B., Sibirny A. A. // FEMS Yeast Res. – 2005. – Vol. 5(9). – P. 829 – 837. (**371**).
3. Deficiency in frataxin homologue YFH1 in the yeast Pichia guilliermondii leads to miss regulation of iron acquisition and riboflavin biosynthesis and affects sulfate assimilation / Pynyaha Y. V., Boretsky Y. R., Fedorovych D. V., Fayura L. R., Levkiv A. I., Ubiyvovk V. M., Protchenko O. V., Philpott C. C., Sibirny A. A. // Biometals. – 2009. – Vol. 22(6). – P. 1051 – 1061. (**261**).
4. Aspartate aminotransferase from an alkalophilic Bacillus contains an additional 20 - amino acid extension at its functionally i mportant N-terminus / Battchikova N., Koivulehto M., Denesyuk A., Ptitsyn L., Boretsky Y., Hellman J., Korpela T. // J Biochem. – 1996. – Vol. 120(2). – P. 425 – 432. (**199**).
5. Development of a transformation system for gene knock – out in the flavinogenic yeast Pichia guilliermondii / Boretsky Y. R., Pynyaha Y. V., Boretsky V. Y., Kutsyaba V. I ., Protchenko O. V., Philpott C. C., Sibirny A. A. // J. of Microbiol. Methods. – 2007. – Vol. 70(1). – P. 13 – 19. (**194**).
6. Identication of the genes affecting the regulation of riboflavin synthesis in the flavinogenic yeast Pichia guilliermondii using insertion mutagenesis / Yuriy R. Boretsky, Yuriy V. Pynyaha, Volodymyr Y. Boretsky, Dariya V. Fedorovych, Lyubov R. Fayura, Olha Protchenko, Caroline C. Philpott, Andriy A. Sibirny // FEMS yeast research. – 2011. – Vol. 11. – P. 307–314. (**141**).
7. Identification of an ARS element and development of a high efficiency transformation system for Pichia guilliermondii / Boretsky Y., Voronovsky A., Liuta-Tehlivets O., Hasslacher M., Kohlwein S. D., Shavlovsky G. M. // Curr Genet . – 1999. – Vol. 36, N 4. – P. 215 – 221. (**115**).

8. The response to iron deprivation in Saccharomyces cerevisiae : expression of siderophore – based systems of iron uptake / Philpott C. C , Protchenko O., Kim Y . W., Boretsky Y., Shakoury - Elizeh M . // Biochemical Society Transactions. – 2002. – Vol. 30(4). – P. 698 – 702. (**115**).
9. Oversynthesis of Riboflavin in the Yeast Pichia guilliermondii is Accompanied by Reduced Catalase and Superoxide Dismutases Activities / Prokopiv T. M., Fedorovych D. V., Boretsky Y. R., Sibirny A. A // Current microbiology. – 2013. – Vol. 66 (1). – P. 79 – 87. (**114**).
10. Improved method for expression and isolation of the Mycoplasma hominis arginine deiminase from the recombinant strain of Escherichia coli / Fayura L. R., Boretsky Y. R ., Pynyaha Y. V ., Wheatley D. N . , Sibirny A. A. // Journal of Biotechnology. – 2013. – Vol. 167(4). – P. 420 – 426. (**109**).