

СПИСОК НАУЧНЫХ ТРУДОВ И ИЗОБРЕТЕНИЙ
РАХМЕТУЛЛИНОЙ АЙЖАН КАЗИЕВНЫ на соискание степени доктора
философии (Ph.D)
по специальности "6D070100 - Биотехнология"

№ п/п	Название научного труда	Рукопись или печатная	Издательство, журнал (№, год), № авторского свидетельства	Кол-во стр.	Фамилия соавторов работы
1	2	3	4	5	6
1	Properties of miRNA binding sites with mRNA of TCP plant transcription factors	печатная	“VESTNIK” of the South-Kazakhstan medical academy, Republican Scientific Journal, 2018, December 7-8., № 4 (84). P. 37-38.	2	Rakhmetullina A.K., Régnier M.
2	Binding sites of miRNAs with mRNAs encoding oligopeptides of proteins of the TCP family of plants	печатная	International congress Biotechnology: state of the art and perspectives. Moscow. 2019, February 25-27., Vol. 17. P. 331-333.	3	Rakhmetullina A.K., Ivashchenko A.T.
3	Binding mir159, mir164, and mir169 with mRNA genes of MYB plant transcription factors	печатная	International scientific conference of students and young scientists "Farabi Alemi". 2019, April 9-10., P. 295	1	Rakhmetullina A.K.,
4	miRNA and genes of the MYB plant family involved in the response to stress	печатная	The Fifth International Scientific conference plant genetics, genomics, bioinformatics and biotechnology (PlantGen2019) Russia, Novosibirsk., 2019., June 24-29., P. 91	1	Ivashchenko A.T., Rakhmetullina A.K., Pyrkova A.Yu.
5	The characteristics of miRNA binding sites with mRNA of MYB plant transcription factors	печатная	International Journal of Biology and Chemistry, Vol. 12., № 1, 2019., P. 60-67	8	Rakhmetullina A.K., Régnier M., Ivashchenko A.T.
6	Characteristics of interaction of miRNAs with mRNA genes of heat stress transcription factors	печатная	vii international scientific and practical conference "Biotechnology: science and practice». №3 (30), P. 567-569, 2019	3	Rakhmetullina A.K., Ivashchenko A.T.

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7	Features of the interaction of miRNAs with genes of the rice MYB family under stress	печатная	The Fifth International Scientific conference Current Challenges in plant genetics, genomics, bioinformatics and biotechnology (PlantGen2019) Russia, Novosibirsk. 2019., June 24-29., P. 104-106.	3	Ivashchenko A.T., Rakhmetullina A.K., Pyrkova A.Yu.
8	Prediction of osa-miRNA binding sites in human mRNA genes	печатная	9th Moscow Conference on Computational Molecular Biology (MCCB). 2019., July 27-30.	4	Rakhmetullina A.K., Ivashchenko A.T.
9	Rice miRNAs are potential regulators of human genes expression	печатная	NEWS of the National academy of sciences of the Republic of Kazakhstan, Series of biological and medical. Vol. 5, № 335, P. 24-31, 2019.	8	Rakhmetullina A.K., Ivashchenko A.T.
10	Characteristics of miRNA binding sites with mRNA of ERF A. thaliana transcription factor genes	печатная	The international scientific conference of young scientists “Fundamental research and innovations in molecular biology, biotechnology, biochemistry” dedicated to the 80 th anniversary of academician Murat Aitkhozhin. 2019., November 28-29., P. 14	1	Rakhmetullina A.K.
11	The characteristics of miRNA binding sites with mRNA of ethylene response transcription factors of plants	печатная	The synergy of science and practice in the context of innovative breakthroughs in the development of the economy and society: national and international aspects. International Scientific and Practical Conference. 2019., December 9-10., P. 49-52.	4	Rakhmetullina A.K., Ivashchenko A.T.

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Рахметуллина А.К.

Бауенова М.О.

12	Predicting Characteristics of the potentially binding sites for miRNA in the mRNA of the TCP transcription factor genes of plants	печатная	Russian journal of plant physiology, 2020., Vol. 67., № 4., P. 606-617	12	Rakhmetullina A.K., Pyrkova A.Yu., Goncharova A.V., Ivashchenko A.T.
13	Предсказание характеристик потенциальных сайтов связывания миРНК в мРНК генов транскрипционных факторов TCP растений	печатная	Физиология растений, 2020., Том 67, № 4, С. 357-368.	12	Рахметуллина А.К., Пыrkova А.Ю., Гончарова А.В., Иващенко А.Т.
14	Characteristics of miRNA interaction with mRNA genes of <i>T. aestivum</i> C2H2, ERF, GRAS transcription factors families	печатная	NEWS of the National academy of sciences of the Republic of Kazakhstan, Series of biological and medical. Vol. 1, № 337, P. 5-11, 2020.	7	Rakhmetullina A.K., Turasheva S.K., Bolshoy A.A., Ivashchenko A.T.
15	In silico prediction of human genes as potential targets for rice miRNAs	печатная	Computational biology and chemistry, Vol. 87., 2020.	9	Rakhmetullina A.K., Pyrkova A.Yu., Aisina D.Ye., Ivashchenko A.T.
16	Characteristics of interaction of miRNA with mRNA of C2H2, ERF, GRAS transcription factors of arabidopsis, rice and maize	печатная	Bioinformatics of Genome Regulation and Structure/Systems Biology (BGRS/SB-2020): The Twelfth International Multiconference (06-10 July 2020, Novosibirsk, Russia), P. 340-341.	2	Rakhmetullina A.K., Turasheva S.K., Pyrkova A.Yu.
17	Wheat and maize miRNAs are potential regulators of human genes expression	печатная	Bioinformatics of Genome Regulation and Structure/Systems Biology (BGRS/SB-2020): The Twelfth International Multiconference (06-10 July 2020, Novosibirsk, Russia), P. 342-343.	2	Rakhmetullina A.K., Ivashchenko A.T., Pyrkova A.Yu.
18	MirTarSeq (MiRNA target sequence - олигопептиды и олигонуклеотиды)	печатная	Свидетельство о внесении сведений в государственный реестр прав на объекты, охраняемые авторским правом № 15600 от 2 марта 2021 года.	1	Пыrkova А.Ю., Акимниязова А.Н., Иващенко А.Т., Рахметуллина А.К.

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Рахметуллина А.К.

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