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BIOGEOGRAPHY OF THE SPECIES OF THE EREMURUS L. SPECIES INCLUDED IN THE RED BOOK, THE SIGNIFICANCE IN THE NATIONAL ECONOMY AND PROPAGATION METHODS

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Annotation

The article provides information on the importance of Eremurus L. species in the national economy and the biogeography of the species included in the Red Book.

Keywords: Eremurus, Altai, Olga, Regel, flower, root, seed, pollen.

Eremurus L. species are of special importance, Eremurus (Latin Eremurus) belongs to the Asphodelaceae family, grows in Central Asia, the Tien-Shan Mountains, the Pamir Range and the Himalayas. Representatives of this category include 1500 species in the world. They are mainly distributed in all regions except the American continent. In our republic, representatives of the Eremurus L. group make up the majority of useful ornamental plants. There are 45 species belonging to 1 family in Central Asia, 21 species belonging to 1 family are found in Uzbekistan [3].

17 species of the Eremurus L. family are included in the "Red Book" of the Republic of Uzbekistan. Eremurus species are distributed in the following areas in Uzbekistan:

Albert shirachi - Eremurus alberti is distributed in the Bobotog and Sherabot valleys of Kashkadarya and Surkhandarya regions, in the vicinity of the city of Dekhkanabad. It is also found in Afghanistan and Tajikistan.

Beshtomir shirach- Eremurus iae Vved Surkhandarya region: distributed in the Cho'lbayr mountains of the Hisar range, in the basin of the Topolang river, on the northern slopes of Boysultan.



Boysun shirachi - *Eremurus baissunensis* is distributed in the lowlands between the cities of Dekhonabad, Boysun and Denov, along the Kokhitang ridge of Kashkadarya and Surkhandarya regions. It is also found in Turkmenistan.

Korovin shirachi - *Eremurus korovini* grows in the Kurama mountain of Toshken province.

Nor shirach- *Eremurus robutus regel* can be found in Tashkent, Namangan, Jizzakh, Samarkand, Fergana, Surkhandarya, Kashkadarya regions: all ranges of Western Tien-Shan and Pamir-Aloy, Tajikistan, Kazakhstan, Kyrgyzstan.

Nurota shirachi - *Eremurus nuratavicus* is distributed in the Nurota mountain range of Jizzakh region.

Echison shirachi - *Eremurus aitchisoi* is distributed in Samarkand, Surkhandarya, Kashkadarya regions: Zarafshan and Hisar mountain ranges, Cho'lbayir, Boysun, Kohitang mountains. It also grows in Kyrgyzstan, Tajikistan and Afghanistan.

Eremurus lactiflorus is distributed in the Qorjantov, Urom, Piskom, Chotkal, Kurama and Nurota ridges of Tashkent, Jizzakh and Navoi regions. It also grows in Kyrgyzstan and Kazakhstan.

Eremurus chloranthus - Jizzakh region: widespread in the upper part of Guralashsay in the Turkestan range.

Suvorov shirachi - *Eremurus Suvorov* Surkhandarya region: distributed in the Hisar range (Topalang and Sangartak river basins), Cholbair mountains, Kohitang and Bobotog.

Yellow shirach - *Eremurus luteus* Kashkadarya, Surkhandarya regions: Hisar (surroundings of Kyzilcha, Gazor, Darband, Oqrabot and Dehkanabad) and low mountains between Kohitang ridges. It is also distributed in Turkmenistan, Iran and Afghanistan.

Eremurus pubescens - Surkhandarya regions: distributed in the basin of Topalang and Sangartak rivers, Boysuntog and Cholbayir mountains. It is also found in Tajikistan [6].

Importance in the national economy

It is no secret to all of us that the world of plants is of great importance in human life. Plants are used by humans for food, medicine, clothing, building material and many other purposes. The most important of them is considered to be used as food. *Eremurus* species are loved by the population in early spring. They prepare different foods from it. *Eremurus* representatives can be used as food only until the flower stalk is formed. *Eremurus* contains many nutritional vitamins and minerals. Residents make blue somsa and dumplings from its leaves

Eremurus Altai, *Olga*, *strong*, *Regel* are used as food and dyeing plants. The leaves and roots of *Eremurus Regel* dye wool and silk pink, yellow, and olive[5].

Eremurus species can be used for dyeing purposes. In this case, the use of more red linden stems works well.

The gum can be obtained from the representative *eremurus* root because it contains the polysaccharide *eremuran*, which is a valuable substitute for gum arabic. Glue was used for book binding and shoemaking. Perhaps this glue is part of the cement of many ancient buildings in Central Asia, which has survived to this day [4].



The use of *Eremurus* in landscape gardening. *Eremurus* is a real garden exotic, and their greenery and even flowers during flowering are like any exclusive decoration, but they are so self-sufficient that they do not need any additions, but this does not mean that they cannot be combined. *Eremurus* are equally good when grown alone and when placed in a large group of different species and varieties, when mixed with other plants.

In many countries, *Eremurus* has been used as a landscape in various gardens. In particular, syrahs with yellow flowers and red flowers are of particular importance.



Figure 1. *Eremurus olga* plant

The following species and varieties are used in Russia as garden plants: *Eremurus Himalaya* (*E. himalaicus*), *Eremurus Altai* (*E. altaicus*), *Eremurus strong* (*E. robustus*), *Eremurus Olga* (*E. olgae*), *Eremurus comb* (*E. cristatus*), "Cleopatra" - orange flowers, "Romantika" - pink flowers, "Isobel" - salmon flowers [5].

When choosing a place to place *Eremurus*, digging rhizomes, additional protection measures should be taken during summer dormancy.

Eremurus are valuable honey plants that can be included in special flower beds or used to attract beneficial insects to the garden.

Two methods of propagation of *Eremurus* are used: by rhizomes and seeds. Propagation through rhizomes is widely used, because in this method the plant blooms early. Cultivation and care of *Eremurus* does not cause great difficulties. The plant is transplanted to open ground in autumn, usually from the beginning to the middle of September. An open area with sunny and well-drained soil is often chosen. Planting the plant on stony ground is good because it needs a hydroxylic soil for its growth.



The procedure for planting Eremurus is as follows:

1. First, the selected area is excavated, and if necessary, a high flower bed is created.
2. Depending on the number of plants, 30 cm holes are formed
3. Gravel or crushed stone is placed at the bottom of the pits, and sand is placed on top of it, and a layer of biohumus is placed on top of it.
4. Plant roots are carefully cut to the side
5. Fill the pits with soil and carefully press it
- 6 Water thoroughly with warm water

The plant is resistant to drought and does not require a lot of moisture. If you plant eremurus in the spring, it should be well watered for 3-4 weeks until it takes root. After the plant takes root, its humidity is intensively reduced. Watering is carried out only in hot weather without long periods of precipitation. When planting Eremurus in autumn, it is necessary to water it before the first frost.

In nature, eremurus can withstand cold well.

Propagation of Eremurus by seeds is carried out in autumn, at the end of September or at the beginning of October. It is done by choosing containers with a depth of 12 cm for growing seedlings. Sowing seeds is carried out in the following stages:

1. Seeds are sown in moist soil at a depth of 1.5 cm.
2. The soil is well watered and covered with plastic wrap.
3. The plant grew at a temperature of about 15 C with regular ventilation.
4. If necessary, the soil is moistened

References:

1. Fedchenko B. A. Genus 262. Eremurus - Eremurus // Flora of the USSR: 30 volumes.
2. Lomonosov MV: Trutnev Yu. P. and others; Comp. R. V. Kamelin and others - M .: Moscow State University .Collaboration of scientific publications of KMK, 2008.
3. Prатов O', Khudoyberganov H.M. "Category and taxa of the systematics of higher plants used in botany classes". Study guide. - Tashkent. 2004.
4. Prатов O', Jumayev K. Systematics of higher plants. - Tashkent. 2003.
5. Takhtadjyan A. L. Ch. ed. - M. Plant life. In 6 volumes // Education, 1982.
6. Red Book of the Republic of Uzbekistan. T. Tashkent. 2019.-B. 94-103.
7. Khalikov S. Plant identifier.-Tashkent. "Teacher". 1995.
8. Dilmurod Makhmudjanov, Ziyoviddin Yusupov, Davlatali Abdullaev, TaoDeng, Komiljon Tojibaev & Hang Sun. The complete chloroplast genome of Eremurusrobustus (Asphodelaceae)// MITOCHONDRIAL DNA PART B <https://doi.org/10.1080/23802359.2019.1674198>© 2019.
9. Vvedensky A (1941) Eremurus. In: Kudryashev S (ed), Flora of Uzbekistan. Uzb. Sec. USSR Acad. Sci., Tashkent, pp. 398-410.
10. Bekzod Abduazizov Tursunkulovich, & Shaxnoza Kamolova Meliboyevna. (2022). AGROCHEMICAL ANALYSIS OF JAZZAKH REGION WITH POWERLY SALTY GRASS-GRAIN SOILS". Spectrum Journal of Innovation, Reforms and Development,4,



- 158–162. Retrieved from <https://www.sjird.journalspark.org/index.php/sjird/article/view/91>
11. Halkuzieva MA, Khamraeva DT, Bussmann RW. Bio-morphological properties of *Ferula tadshikorum* Pimenov and *Ferula foetida* (Bunge) Regel under plantation conditions. *Plant Sci. Today*. 2023 Jan. 12 [cited 2023 Jan. 19];. <https://horizonepublishing.com/journals/index.php/PST/article/view/1863>
 12. Halkuzieva Mokhira Asatullaevna, & Rahmonkulov Umardul. (2020). Smola Storage *Ferula Tadshikorum* M. Pimen Plantations Storage For Years. *The American Journal of Agriculture and Biomedical Engineering*, 2(07), 30–34. <https://doi.org/10.37547/tajabe/Volume02Issue07-05>
 13. Halkuzieva Mokhira Asatullaevna. (2022). *Ferula Tadshikorum* Pimenov Growth And Development In Different Soils. *Eurasian Scientific Herald*, 4, 29–34. Retrieved from <https://geniusjournals.org/index.php/esh/article/view/418>
 14. Halkuzieva M.A //The Role of Agrotechnological Measures during the Early Development of *Ferula tadshikorum* Pimenov and *Ferula foetida* (Bunge) Regel// *Annals of the Romanian Society for Cell Biology*, -P. 191-3198 <https://www.annalsofrscb.ro/index.php/journal/article/view/1787>.
 1. 15. Halkuzieva M., Raxmonqulov U.// The morphology and growth biology of seeds of *Ferula* what save resin (*Ferula foetida* (Bunge) Regel.) and *F. Tadshikorum* (Pimen)// *Scientific Bulletin of Namangan State University* 2 (4), -P. 81-85.
 2. Anarbayerovich A. R., Abdurahob o'g'li P. A. BO'LG'USI MUTAXASSISNING SHAXS SIFATIDAGI QOBILIYATINI OSHRISHDA PEDAGOGIK VA AXBOROT TEXNOLOGIYALARINING O'RNI //International Journal of Contemporary Scientific and Technical Research. – 2022. – C. 673-676.
 3. Anarbayerovich A. R., Jamshid o'g'li K. I. YOSHLARNING AXBOROT OLISHGA NISBATAN MUNOSABATINI SHAKLLANTIRISH //International Journal of Contemporary Scientific and Technical Research. – 2022. – C. 10-13.
 4. Джураев Р. У. и др. АНАЛИЗ РАБОТЫ И ПОВЫШЕНИЕ ЭФФЕКТИВНОСТИ КОМПРЕССОРНЫХ УСТАНОВОК НА ГЕОЛОГОРАЗВЕДОЧНЫХ РАБОТАХ //INTERNATIONAL SCIENTIFIC REVIEW OF THE PROBLEMS AND PROSPECTS OF MODERN SCIENCE AND EDUCATION. – 2018. – С. 29-31.
 5. Abduraxmanov R., Azizov Q. Maxsus fanlarni o'qitishning asosiy tamoyillari //Zamonaviy innovatsion tadqiqotlarning dolzarb muammolari va rivojlanish tendensiyalari: yechimlar va istiqbollar. – 2022. – Т. 1. – №. 1. – С. 49-51.
 6. Abduraxmanov, R. (2022). Innovatsiya va ta'lim tizimining uzviyligi. *Zamonaviy innovatsion tadqiqotlarning dolzarb muammolari va rivojlanish tendensiyalari: yechimlar va istiqbollar*, 1(1), 51-53.
 7. Азизов К. Х., Абдурахмонов Р. А. ПУТИ ОБЕСПЕЧЕНИЯ БЕЗОПАСНОСТИ ДОРОЖНОГО ДВИЖЕНИЯ В КРУПНЫХ ГОРОДАХ РЕСПУБЛИКИ УЗБЕКИСТАН //The edition is included into Russian Science Citation Index. – 2015. – С. 70.



8. Abdurakhmanov R. DETERMINATION OF TRAFFIC CONGESTION AND DELAY OF TRAFFIC FLOW AT CONTROLLED INTERSECTIONS //The American Journal of Engineering and Technology. – 2022. – T. 4. – №. 10. – C. 4-11.
9. Baxranovna M. R. International System Assessment of Reading Literacy of Primary School Pupils Pirls //International Journal of Culture and Modernity. – 2022. – T. 14. – C. 35-38.
10. Bakhronovna R. M. THE IMPORTANCE OF INTERACTIVE METHODS IN SHAPING STUDENTS' THINKING SKILLS //INTERNATIONAL JOURNAL OF DISCOURSE ON INNOVATION, INTEGRATION AND EDUCATION. – 2020. – T. 1. – C. 37-40.
11. Bakhranovna R. M. Formation of orthography competences of primary school students through programming pedagogical tools //ACADEMICIA: An International Multidisciplinary Research Journal. – 2021. – T. 11. – №. 7. – C. 63-68.
12. Raximqulova M. TA'LIMGA INNOVATSION YONDASHUV-O'QITISH SAMARADORLIGINI OSHIRISH OMILI SIFATIDA //INTEGRATION OF SCIENCE, EDUCATION AND PRACTICE. SCIENTIFIC-METHODICAL JOURNAL. – 2021. – C. 118-121.
13. Baxranovna R. M. BOSHLANG 'ICH TA'LIM MATEMATIKA DARSLARIDA QADRIYATLAR ORQALI O 'QUVCHILARNI MA'NAVIY TARBIYALASH //INTEGRATION OF SCIENCE, EDUCATION AND PRACTICE. SCIENTIFIC-METHODICAL JOURNAL. – 2022. – T. 3. – №. 2. – C. 130-135.
14. Bakhronovna R. M. Formation Of Ecological Culture Of Primary School Pupils Through Natural Sciences (Example Of 2nd Grade Science Textbook) //Journal of Positive School Psychology. – 2022. – T. 6. – №. 11. – C. 418-422.
15. Baxronovna R. M. Formation of Ecological Consciousness in Primary School Students //Spanish Journal of Innovation and Integrity. – 2022. – C. 129-132.
16. Baxronovna R. M., Jamilovna N. D. The Role of Primary School Teachers in Increasing Efficiency of Lessons //JournalNX. – C. 18-20.
17. Davronov P., Rahimkulova M. Innovative Approach to the Lesson Process in the Training System //International Journal of Innovations in Engineering Research and Technology. – C. 1-3.
18. Pirnazar D., Mahbuba R. Modern Approach to Education Based on Pedagogical Technologies //JournalNX. – C. 53-56.
19. Bakhranovna R. M. Teaching Students to Think Creatively in Primary Education //International Journal of Innovations in Engineering Research and Technology. – C. 1-2.
20. Xolmatova M. I. Umumtalim maktablari ingliz tili darslarida til ko'nikmalarini rivojlantirish //Science and Education. – 2022. – T. 3. – №. 2. – C. 999-1005.
21. Xolmatova M. I., Barotova M. B. INGLIZ VA OZBEK TILLARIDAGI SIFAT KOMPONENTLI IBORALARNING LINGVOKULTUROLOGIK QIYOSIY TAHLILI //Academic research in educational sciences. – 2021. – T. 2. – №. 12. – C. 1391-1397.
22. Ibadullayevna X. M. LINGUISTIC COMPARATIVE ANALYSIS OF QUALITATIVE COMPONENT PHRASES IN ENGLISH AND UZBEK LANGUAGES //Web of Scientist: International Scientific Research Journal. – 2022. – T. 3. – №. 1. – C. 57-63.



23. Bakhromovich S. I. Social and philosophical performance of making youth's intellectual culture //European science review. – 2018. – №. 7-8. – С. 296-298.
24. Siddikov I. B. Философско-педагогические аспекты развития интеллектуальной культуры студентов //Вестник Ошского государственного университета. – 2019. – №. 3. – С. 38-42.
25. Bakhromovich S. I. Effects of Objective and Subjective Factors to Develop Intellectual Culture of Youth //Canadian Social Science. – 2020. – Т. 16. – №. 2. – С. 55-59.
26. Bakhromovich S. I. Analysis Of Modern Approaches To Ensuring The Effectiveness Of Management In Higher Education Institutions //The American Journal of Social Science and Education Innovations. – 2020. – Т. 2. – №. 12. – С. 364-369.
27. Bakhromovich S. I. The impact of managerial professional development on the effectiveness of Higher Education institution management //Academicia: an international multidisciplinary research journal. – 2020. – Т. 10. – №. 12. – С. 1014-1020.
28. BAKHROMOVICH S. I. Views on the role of science in human and society life in islamic teaching //International Journal of Philosophical Studies and Social Sciences. – 2021. – Т. 1. – №. 3. – С. 79-86.
29. Bakhromovich S. I. A comparative induction of the epistemological and theological views of medieval Islamic oriental scholars //Berlin Studies Transnational Journal of Science and Humanities. – 2021. – Т. 1. – №. 1.7 Philosophical sciences.
30. Ahmadjonovna E. T., Bakhromovich S. I. Pedagogical Analysis Of Culturo-Educational Institutions' Actions In Youth Education (On The Example Of Museum Activities) //The American Journal of Social Science and Education Innovations. – 2020. – Т. 2. – №. 08. – С. 576-582.
31. Сиддиков И. Б. Государственная политика в отношении молодежи в Узбекистане: национальный опыт и реальная необходимость международных инициатив //Условия социально-экономического развития общества: история и современность. – 2019. – С. 38-43.
32. Сиддиков И. Б. Социально-философские аспекты формирования интеллектуальной культуры молодежи //Theoretical & Applied Science. – 2018. – №. 1. – С. 61-66.
33. Siddikov I., Gulomov A. Philosophical and psychological features of the formation of asertive behavior in the development of cognitive activity //Психологическое здоровье населения как важный фактор обеспечения процветания общества. – 2020. – С. 38-42.
34. Bakhromovich S. I., Lutfillo M. Development of ecological culture in students in the process of education of history of Uzbekistan //European Journal of Humanities and Educational Advancements. – 2021. – Т. 2. – №. 5. – С. 103-107.
35. Bakhromovich S. I. Philosophical comparative studies of the epistemological and theological views of medieval eastern scholars //Turkish Journal of Physiotherapy and Rehabilitation. Turkey. – 2021. – Т. 32. – №. 3. – С. 30338-30355.
36. Siddikov I. B. Modern Models Of Providing Autonomy Of Higher Educational Institutions (Analysis Of Foreign Countries Experience) //CURRENT RESEARCH JOURNAL OF PEDAGOGICS. – 2021. – Т. 2. – №. 05. – С. 25-31.



37. Siddikov I. Epistemological Significance Of Medieval Culture Of Islamic Intellectual Activity //InterConf. – 2021.
38. Bakhromovich S. I. Development trends and transformation processes in academic mobility in higher education in Uzbekistan and the world //Bakhromovich, Siddikov Ilyosjon, and Maxamadaliyev Lutfillo." Development of ecological culture in students in the process of education of history of uzbekistan. – 2021.
39. Bakhromovich S. I. The phenomenon of management and leadership personality in the views of oriental scholars //Chief Editor.
40. Siddikov I. Education-the principal value of medieval muslim civilization //InterConf. – 2021.
41. Siddikov I. TRADITIONS OF PHILOSOPHY, FIQH AND PHILOSOPHY IN THE THEOLOGICAL VIEWS OF THE MIDDLE EAST //InterConf. – 2021.
42. Bakhromovich S. I. FACTORS OF INTRODUCTION OF PRINCIPLES OF INSTITUTIONAL AUTONOMY TO THE MANAGEMENT PROCESS OF HIGHER EDUCATIONAL INSTITUTIONS //Berlin Studies Transnational Journal of Science and Humanities. – 2021. – T. 1. – №. 1.5 Pedagogical sciences.
43. Siddikov I. Gender management issues in modern pedagogy in educational institutions //American Journal of Economics and Business Management. – 2021. – T. 4. – №. 4. – С. 31-35.
44. Siddiqov I. B. SOCIAL AND PHILISOPHICAL PERFORMANCE OF MAKING YOUTH'S INTELLECTUAL CULTURE //European Science Review. – 2018. – №. 7-8. – С. 296-298.
45. Bakhromovich S. I. SOCIAL AND PHYSICAL PERFORMANCE OF MAKING YOUTH'S INTELLECTUAL CULTURE //July–August. – С. 289.
46. Siddiqov I. DIALECTICAL AND SYNERGETIC FEATURES OF THE DEVELOPMENT OF THEOLOGICAL AND EPISTEMOLOGICAL VIEWS IN MEDIEVAL EASTERN ISLAM. – 2022.
47. Siddiqov I. B. MUTUAL SYNTHESIS OF MEDIEVAL ISLAM GNOSEOLOGY AND THEOLOGY. – 2022.
48. Siddiqov I. АЖДОДЛАР МЕРОСИДА ИЛМ ВА ТАЪЛИМНИ РИВОЖЛАНТИРИШ БОРАСИДАГИ ТЕОЛОГИК ВА ГНОСЕОЛОГИК ҚАРАШЛАР ТАҲЛИЛИ //Science and innovation. – 2022. – Т. 1. – №. С7. – С. 60-68.
49. Шокиров Д. ШАХС ДИНИЙ МУОСАБАТЛАРИ ШАКЛЛАНИШИДА ҲАДИСЛАРНИНГ ИЖТИМОЙ-ПСИХОЛОГИК ТАЪСИРИ //Central Asian Academic Journal of Scientific Research. – 2022. – Т. 2. – №. 6. – С. 332-336.
50. Shokirov D. DINIY E'TIQOD VUJUDGA KELISHIDA IJTIMOY-PSIXOLOGIK HOLATLARNING O'RNI //European Journal of Interdisciplinary Research and Development. – 2022. – Т. 10. – С. 166-169.
51. Akramjonovna B. K. et al. Psychological Assessment Of The Factors That Cause Incontinence In Educational Activities In Primary School Students //Journal of Positive School Psychology. – 2022. – Т. 6. – №. 11. – С. 2013-2018.



52. Shokirov D. Manifestation of Socio-Psychological Features of Religious Catharsis //AMERICAN JOURNAL OF SCIENCE AND LEARNING FOR DEVELOPMENT. – 2023. – Т. 2. – №. 1. – С. 40-43.
53. Bahodirovna A. Z. THE IMPORTANCE OF ORGANIZING CHILDREN'S ACTIVITIES IN PREPARATION FOR SCHOOLING //Open Access Repository. – 2022. – Т. 9. – №. 11. – С. 236-240.
54. Shokirov D. EXPERIMENTAL PSYCHOLOGICAL STUDY OF SENSE OF TOLERANCE IN PERSONS //Galaxy International Interdisciplinary Research Journal. – 2022. – Т. 10. – №. 12. – С. 799-802.
55. Dilmurod S. Socio-psychological influence of hadiths on the formation of religious relations of the person //Web of Scientist: International Scientific Research Journal. – 2022. – Т. 3. – №. 6. – С. 1021-1025.
56. Уринбаева Д. РОЛЬ МЕСТОИМЕНИЙ В ФОЛЬКЛОРНЫХ ТЕКСТАХ //ХАБАРШЫСЫ ВЕСТНИК. – 2009. – С. 34.
57. Уринбаева Д. Б. Сопоставительные количественные исследования узбекских фольклорных текстов //Вестник Тамбовского государственного технического университета. – 2011. – Т. 17. – №. 4. – С. 1157-1164.
58. Уринбаева Д. Б. Лексическая статистика узбекского фольклорного текста //Наука и образование в XXI веке. – 2013. – С. 138-140.
59. Уринбаева Д. Б. Компоненты-символы в узбекском устном народном творчестве //Научный альманах. – 2016. – №. 11-3. – С. 332-335.
60. Уринбаева Д. Б. СОВРЕМЕННЫЙ УРОК И ЯЗЫКОВАЯ ЛАБОРАТОРИЯ //Учитель года 2017. – 2017. – С. 27-32.
61. Уринбаева Д. Б. Статистическо-синергетическое исследование узбекских фольклорных жанров. – 2018.
62. Уринбаева Д., Хужамкулов А. Равишларнинг стилистик имкониятлари //Иностранная филология: язык, литература, образование. – 2018. – Т. 3. – №. 3 (68). – С. 33-36.
63. Urinbayeva U. D. LINGUOSTATIC AND LINGVOSTYLISTIC OF PHONETIC UNITS RESEARCH //INTERNATIONAL JOURNAL OF DISCOURSE ON INNOVATION, INTEGRATION AND EDUCATION. – 2020. – Т. 1. – С. 121-127.
64. Уринбаева Д. Б. ЛИНГВОСТАТИСТИЧЕСКОЕ ИССЛЕДОВАНИЕ МОРФОЛОГИЧЕСКИХ ЕДИНИЦ ТЕКСТОВ УЗБЕКСКОГО УСТНОГО НАРОДНОГО ТВОРЧЕСТВА //Известия. Серия: Филологические науки. – 2020. – Т. 59. – №. 4.
65. Bazarovna U. D., Norjigitovna E. G. Problems in the uzbek internet subculture //ACADEMICIA: An International Multidisciplinary Research Journal. – 2021. – Т. 11. – №. 3. – С. 235-241.
66. Urinbayeva U. D. LINGUOSTATIC AND LINGVOSTYLISTIC OF PHONETIC UNITS RESEARCH //INTERNATIONAL JOURNAL OF DISCOURSE ON INNOVATION, INTEGRATION AND EDUCATION. – 2020. – Т. 1. – С. 121-127.



67. Urinbayeva D. ЛИНГВОСТАТИСТИЧЕСКИЙ АНАЛИЗ КАК ОСНОВА ДЛЯ ЛЕКСИКО-СЕМАНТИЧЕСКИХ, ЛИНГВОСТИЛИСТИЧЕСКИХ И ЛИНГВОПОЭТИЧЕСКИХ ИССЛЕДОВАНИЙ //COMPUTER LINGUISTICS: PROBLEMS, SOLUTIONS, PROSPECTS. – 2021. – Т. 1. – №. 1.
68. Urinbayeva D., Raximova M. PORTFOLIO–O ‘QITUVCHI FAOLIYATINI BAHOLAOVCHI MEZON //INTEGRATION OF SCIENCE, EDUCATION AND PRACTICE. SCIENTIFIC-METHODICAL JOURNAL. – 2021. – С. 369-374.
69. Urinbayeva D. B. FUNKSIONAL SAVODXONLIKNING ASOSI O ‘QISH SAVODXONLIGIDIR //INTEGRATION OF SCIENCE, EDUCATION AND PRACTICE. SCIENTIFIC-METHODICAL JOURNAL. – 2022. – Т. 3. – №. 4. – С. 204-212.
70. Urinbayeva D. КОМПЬЮТЕР ЛИНГВОДИДАКТИКАСИ-ТАЪЛИМ САМАРАДОРЛИГИНИНГ АСОСИ //COMPUTER LINGUISTICS: PROBLEMS, SOLUTIONS, PROSPECTS. – 2022. – Т. 1. – №. 1.
71. Urinbayeva D. Bloom's Taxonomy is a System of Tiered Questions that Systematize the thought Process //Spanish Journal of Innovation and Integrity. – 2022. – С. 36-39.
72. Ismoilov T. et al. THE IMPORTANCE OF OUTDOOR GAMES IN THE UPBRINGING OF A HARMONIOUS YOUNG GENERATION //Scientific Bulletin of Namangan State University. – 2019. – Т. 1. – №. 11. – С. 257-261.
73. Ismoilov T. THE EVENTS THROUGH PHYSICAL ACTIVITIES FOR THE PUPILS OF PRIMARY CLASSES //Scientific Bulletin of Namangan State University. – 2020. – Т. 2. – №. 10. – С. 346-349.
74. Ismoilov T. THE DEVELOPMENT OF PHYSICAL QUALITIES OF THE PUPILS OF PRIMARY FORMS OF SECONDARY SCHOOLS THROUGH MOBILE ACTIVITIES IN THE PROCESS OF STUDY //Scientific Bulletin of Namangan State University. – 2020. – Т. 2. – №. 11. – С. 391-394.
75. Ismoilov T. I., Yuldosheva B. M. MORAL AND SPIRITUAL QUALITIES OF A MAN IN FORMATION PROCESS //Экономика и социум. – 2021. – №. 5-1. – С. 189-191.
76. Isломович I. T. Academic Profession and University in the Context of the Historical Role of Higher Education //International Journal on Economics, Finance and Sustainable Development. – 2021. – Т. 3. – №. 3. – С. 73-77.
77. Isломович I. T. The Content And Practical Significance Of The Principles Of Academic Independence In The Management Process Of Higher Education //NVEO-NATURAL VOLATILES & ESSENTIAL OILS Journal| NVEO. – 2021. – С. 4264-4270.
78. Исмойлов Т. И. PROBLEMS AND SOLUTIONS OF PUBLIC ACTIVITY OF UNORGANIZED YOUTH //Scientific Bulletin of Namangan State University. – 2020. – Т. 2. – №. 10. – С. 242-247.
79. Ismoilov T. I. Teacher Department of «Social Disciplines» Namangan Engineering Construction Institute Uzbekistan, Namangan city HUMAN FACTOR IN THE SPIRITUAL DEVELOPMENT PROCESS //Teacher academician lyceum at Tashkent Pediatric Medical Institute Uzbekistan, Tashkent city Artistic performance of the creativity of russian. – 2018. – Т. 42.



80. Islomovich I. T. Academic profession and university in the context of modern institutional reforms //International Journal of Human Computing Studies. – 2021. – Т. 3. – №. 2. – С. 7-10.
81. Ismoilov T. I. Special aspects of formation of youth's life strategy //Scientific Bulletin of Namangan State University. – 2020. – Т. 2. – №. 9. – С. 214-219.
82. Исмоилов Т. И. Задачи формирования идеологического иммунитета в процессе глобализации //Теория и практика современной науки. – 2017. – №. 5. – С. 328-330.
83. Ismoilov T. I. Provision of information-psychological security in open information systems //Теория и практика современной науки. – 2018. – №. 1. – С. 24-26.
84. Ismoilov T. I. Human factor in the spiritual development process //Мировая наука. – 2018. – №. 5. – С. 43-44.
85. Ismoilov T. I. SOCIAL AND LEGAL SOLUTIONS OF INSURANCE MANDATORY RECOMMENDATIONS //Scientific Bulletin of Namangan State University. – 2019. – Т. 1. – №. 3. – С. 152-154.
86. Islamovich I. T. Democracy and youth: formation of democratic values //European science review. – 2019. – №. 5-6. – С. 112-114.
87. Meyliyevna, B. M. (2021). MAKTABGACHA YOSHDAGI BOLALAR NUTQINI RIVOJLANTIRISHNING PSIXOLOGIK XUSUSIYATLARI: Berdiyeva Muhabbat Meyliyevna, TerDU Pedagogika instituti. In Научно-практическая конференция.
88. Berdiyeva, M. (2020). INTELLECTUAL DEVELOPMENT IN PRESCHOOL EDUCATION. Theoretical & Applied Science, (11), 59-61.
89. Бердиева, М. М. (2019). ФОРМИРОВАНИЕ ИНТЕЛЛЕКТУАЛЬНОЙ КУЛЬТУРЫ ДОШКОЛЬНИКА. In INTERNATIONAL SCIENTIFIC REVIEW OF THE PROBLEMS AND PROSPECTS OF MODERN SCIENCE AND EDUCATION (pp. 75-76).
90. Бердиева М. М. ПРОЕКТИРОВАНИЕ ПРЕДМЕТНО-ПРОСТРАНСТВЕННОЙ РАЗВИВАЮЩЕЙ СРЕДЫ ДОШКОЛЬНЫХ ОРГАНИЗАЦИЙ //Педагогика и психология в современном мире: теоретические и практические исследования. – 2018. – С. 156-159.
91. Berdiyeva M., Bo'ranova S. Maktabgacha va boshlang'ich ta'limda nutq o'stirish mashg'ulotlari orqali bolalarning mustaqil fikrlash qobiliyatlarini shakllantirishning samarali usullari //Science and Education. – 2021. – Т. 2. – №. 4. – С. 425-429.
92. Meyliyevna B. M. PEDAGOGICAL SUPPORT AND DEVELOPMENT OF THE INTELLECTUAL OPPORTUNITIES OF CHILDREN IN PRESCHOOL EDUCATION //European Journal of Research and Reflection in Educational Sciences Vol. – 2019. – Т. 7. – №. 12.
93. Meyliyevna B. M. Tasks for preschool educators //South Asian Journal of Marketing & Management Research. – 2021. – Т. 11. – №. 10. – С. 151-155.
94. Meyliyevna B. M. The development of cognitive interests in older preschoolers in the process of getting acquainted with nature //ACADEMICIA: An International Multidisciplinary Research Journal. – 2022. – Т. 12. – №. 4. – С. 121-128.



95. Meyliyeva B. M. The quality of preschool education at the present stage //ACADEMICIA: An International Multidisciplinary Research Journal. – 2021. – Т. 11. – №. 10. – С. 2267-2271.
96. Шарафутдинова Х. Г., Бердиева М. М. ПРОБЛЕМА ЛИЧНОСТНО-ОРИЕНТИРОВАННОГО ОТНОШЕНИЯ К РЕБЁНКУ В ПРОЦЕССЕ ОБРАЗОВАНИЯ //Гуманитарный трактат. – 2018. – №. 25. – С. 89-91.
97. Berdiyeva M. M. Formation of intellectual culture of a preschooler.
98. TURAKULOVNA M. F., QIZI M. M. M. Competence of the educator in the organization of visual activities //International Journal of Philosophical Studies and Social Sciences. – 2021. – Т. 1. – №. 2. – С. 100-103.
99. Мухаммадиева Ф. И. ИСПОЛЬЗОВАНИЕ НОВЫХ ИНФОРМАЦИОННЫХ ТЕХНОЛОГИЙ В ОБРАЗОВАТЕЛЬНОМ ПРОЦЕССЕ //WORLD SCIENCE: PROBLEMS AND INNOVATIONS. – 2018. – С. 170-172.
100. Мухаммадиева Ф. И. ОБУЧАЮЩИЕ ЭЛЕКТРОННЫХ РЕСУРСЫ В МОДЕРНИЗАЦИИ ОБРАЗОВАНИЯ //Юность и знания-гарантия успеха. – 2014. – С. 291-293.
101. Мухаммадиева Ф. И. ГЛАВНЫЕ ТЕХНОЛОГИИ ДЛЯ КВАНТОВОГО КОМПЬЮТЕРА //Современные инструментальные системы, информационные технологии и инновации. – 2014. – С. 123-125.
102. Turakulovna M. F. PEDAGOGICAL BASES OF EDUCATION OF PRESCHOOL CHILDREN //Journal of Ethics and Diversity in International Communication. – 2021. – Т. 1. – №. 1. – С. 23-24.
103. Sharipboeva F. G., Kamola T. IMPROVING CROSS-CULTURAL COMMUNICATION //ResearchJet Journal of Analysis and Inventions. – 2021. – Т. 2. – №. 05. – С. 359-363.
104. Sharipboyeva F. G. ADABIY TA'LIM DASTURLARIDA MAZMUNNING IFODALANISHI VA UZVIYLIK SHAKLLARINI QO 'LLASH //INTEGRATION OF SCIENCE, EDUCATION AND PRACTICE. SCIENTIFIC-METHODICAL JOURNAL. – 2022. – С. 894-900.
105. Sharipboyeva G. F., Mamadiyarovich V. T. PEDAGOG-XODIMLARNING UZLUKSIZ O 'QISHINI TASHKIL QILISH VA UNING MUHIM JHATLARI //INTEGRATION OF SCIENCE, EDUCATION AND PRACTICE. SCIENTIFIC-METHODICAL JOURNAL. – 2021. – С. 37-41.
106. Fayzullayeva G., Shukurova N. O 'QITUVCHI-O 'QUVCHI MUNOSABATLARIDA O 'QITUVCHINING KOMMUNIKATIV KO 'NIKMALARINI RIVOJLANTIRISH //INTEGRATION OF SCIENCE, EDUCATION AND PRACTICE. SCIENTIFIC-METHODICAL JOURNAL. – 2021. – С. 215-217.
107. Sharipboeva F. G. Cognitive Approach to Literature Education: Memory, Thinking and Cognition //JournalNX. – С. 549-551.
108. Boymirzaeva D. D. FEATURES OF PSYCHO-CORRECTIONAL WORK TO REDUCE FRUSTRATION AMONG STUDENTS OF HIGHER EDUCATIONAL INSTITUTIONS //INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE,

- IT, ENGINEERING AND SOCIAL SCIENCES ISSN: 2349-7793 Impact Factor: 6.876.
– 2022. – Т. 16. – №. 2. – С. 19-23.
109. Boymirzaeva D. D. MANIFESTATION FRUSTRATIONS OF UNIVERSITY STUDENTS IN THE PROCESS OF INTERPERSONAL RELATIONS //Ученый XXI века. – 2022. – №. 5-1 (86). – С. 28-30.
110. Dmitrievna B. D. Methodological Approach to Modeling Socio-Psychological Manifestations of Frustration in Students //5. International EMI Entrepreneurship and Social Sciences Congress PROCEEDINGS E-BOOK. – 2020. – С. 328.
111. Kadirov K. B. et al. Relationship between propensity to risky behavior and psychogeometrical types of personality //European Journal of Molecular and Clinical Medicine. – 2020. – Т. 7. – №. 1. – С. 3609-3616.
112. Dmitrievna B. D. SOCIO-PSYCHOLOGICAL MODEL OF FRUSTRATION AMONG STUDENTS OF HIGHER EDUCATIONAL INSTITUTIONS //European Journal of Research and Reflection in Educational Sciences Vol. – 2020. – Т. 8. – №. 6.
113. Боймирзаева Д. Д. ФАКТОРЫ, ВЛИЯЮЩИЕ НА ВОЗНИКНОВЕНИЕ ЛЖИ У ДЕТЕЙ ДОШКОЛЬНОГО ВОЗРАСТА //Инновационные подходы в современной науке. – 2018. – С. 81-84.
114. Боймирзаева Д. Д. ПСИХОЛОГО-ПЕДАГОГИЧЕСКИЕ ОСНОВЫ ФОРМИРОВАНИЯ УЧЕБНО-ПОЗНАВАТЕЛЬНОГО ИНТЕРЕСА У ШКОЛЬНИКОВ В ВЫБОРЕ ПЕДАГОГИЧЕСКОЙ ПРОФЕССИИ //NovaInfo. Ru. – 2017. – Т. 1. – №. 68. – С. 284-286.
115. Боймирзаева Д. Д. ЛОЖЬ КАК КОМПОНЕНТ МЕЖЛИЧНОСТНОГО ОБЩЕНИЯ //NovaInfo. Ru. – 2016. – Т. 2. – №. 45. – С. 300-303.
116. Боймирзаева Д. Д. ЛЖИВОСТЬ КАК ФОРМА ПОВЕДЕНИЯ, ЗАКЛЮЧАЮЩАЯСЯ В НАМЕРЕННОМ ИСКАЖЕНИИ ДЕЙСТВИТЕЛЬНОСТИ //АКТУАЛЬНЫЕ ВОПРОСЫ РАЗВИТИЯ СОВРЕМЕННОГО ОБЩЕСТВА. – 2014. – С. 140-144.
117. Boymirzayeva D. D. LIE AS A FORM OF DISTORTION OF THE REAL INFORMATION //СОВРЕМЕННЫЕ ПОДХОДЫ К ТРАНСФОРМАЦИИ КОНЦЕПЦИЙ ГОСУДАРСТВЕННОГО РЕГУЛИРОВАНИЯ И УПРАВЛЕНИЯ В СОЦИАЛЬНО-ЭКОНОМИЧЕСКИХ СИСТЕМАХ. – 2014. – С. 12-14.
118. Makhmudjanovna M. N. et al. Relationship Between Propensity To Risky Behavior and Psychogeometrical Types Of Personality //European Journal of Molecular & Clinical Medicine. – Т. 7. – №. 01. – С. 2020.
119. Xalimjanovna A. M. MANIFESTATIONS OF STRESS IN PROFESSIONAL ACTIVITY AND WAYS TO ELIMINATE IT //Galaxy International Interdisciplinary Research Journal. – 2022. – Т. 10. – №. 11. – С. 841-844.
120. Xalimjanovna A. M. Raising a Child and Preparing Him for Social Life in the Works of Our Great Scientists //EUROPEAN JOURNAL OF INNOVATION IN NONFORMAL EDUCATION. – 2022. – Т. 2. – №. 5. – С. 38-41.



121. Xalimjanovna A. M. EDUCATION OF CHILDREN IN THE WORKS OF OUR GREAT SCIENTISTS //American Journal of Interdisciplinary Research and Development. – 2022. – Т. 4. – С. 45-49.
122. Xalimjanovna A. M. THEORETICAL AND METHODOLOGICAL FUNDAMENTALS OF PREPARING CHILDREN FOR SOCIAL LIFE IN DISABLED FAMILIES //EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE. – 2022. – Т. 2. – №. 5. – С. 39-42.
123. Xalimjanovna A. M. PEDAGOGICAL CONDITIONS FOR PREPARING CHILDREN FOR SOCIAL LIFE IN SINGLE-PARENT FAMILIES.
124. Asranbaeva M. H. CHARACTERISTICS OF FORMING MOTIVES OF LABOUR ACTIVITIES IN AN INCOMPLETE FAMILY //Theoretical & Applied Science. – 2020. – №. 1. – С. 121-123.
125. Halimjanovna A. M. REPUTATION AND PERSONAL EXAMPLES OF PARENTS IN SINGLE-PARENT FAMILIES.
126. Asranbaeva M. X. IMPROVING MECHANISMS OF PREPARING CHILDREN FOR SOCIAL LIFE IN DISABLED FAMILIES //Theoretical & Applied Science. – 2020. – №. 12. – С. 125-129.
127. Asranbayeva M. X. NOTOLIQ OILALARDA MAKTABGACHA YOSHDAGI BOLALAR RIVOJLANISHINING OZIGA XOS XUSUSIYATLARI //Scientific Bulletin of Namangan State University. – 2020. – Т. 2. – №. 4. – С. 532-535.
128. Asranbaeva M. H. CHARACTERISTICS OF FORMING MOTIVES OF LABOUR ACTIVITIES IN AN INCOMPLETE FAMILY //Theoretical & Applied Science. – 2020. – №. 1. – С. 121-123.
129. Асранбаева М. МЕТОДЫ И ПРИЁМЫ КОРРЕКЦИОННОЙ РАБОТЫ С ТРЕВОЖНЫМИ ДЕТЬМИ //Проблеми та перспективи розвитку науки на початку третього тисячоліття у країнах Європи та Азії. – 2015. – С. 275.
130. Amrilloevich I. A. Design of individual training of teacher //International journal of discourse on innovation, integration and education. – 2020. – Т. 1. – С. 16-25.
131. Ибрагимов А. А. ЎҚИТУВЧИЛАРНИНГ КАСБИЙ БИЛИМЛАРИНИ РИВОЖЛАНТИРИШДА МУАММОГА АСОСЛАНГАН ЎҚИТИШ ЁНДАШУВИНИНГ ИМКОНИЯТЛАРИ: Ибрагимов Аъламжон Амриллоевич, Самарқанд вилояти халқ таълими ходимларини қайта тайёрлаш ва уларнинг малакасини ошириш ҳудудий маркази доценти //Образование и инновационные исследования международный научно-методический журнал. – 2022. – №. 2. – С. 120-125.
132. Amrilloevich I. A. COGNITIVE MOBILITY OF THE TEACHER: APPLICATION IN PEDAGOGICAL PRACTICE, CONTENT, ESSENCE AND STRUCTURE //Berlin Studies Transnational Journal of Science and Humanities. – 2021. – Т. 1. – №. 1.5 Pedagogical sciences.
133. Нарзикулова Ф. Б., Ибрагимов А. А. СОВРЕМЕННОЕ ПОНИМАНИЕ ПРОФЕССИОНАЛЬНОГО ИМИДЖА И ЕГО СТРУКТУРА //Когнитивные исследования в образовании. – 2019. – С. 375-378.



134. Ибрагимов А. А. Ўқитувчилар касбий ривожланишига илмий-методик ҳамроҳлик технологияси // Современное образование (Узбекистан). – 2017. – №. 10. – С. 30-41.
135. Ibragimov A. A. Organizational and Pedagogical Aspects of Multi-Vector Approach to Professional Developing Public Education Personnel // Eastern European Scientific Journal. – 2018. – №. 2.
136. Ибрагимов А. А. ЎҚИТУВЧИНИНГ КОГНИТИВ МОБИЛЛИГИ: ПЕДАГОГИК АМАЛИЁТДА ҚЎЛЛАНИЛИШИ, МАЗМУН, МОҲИЯТ ВА ТУЗИЛМА // Oriental renaissance: Innovative, educational, natural and social sciences. – 2022. – Т. 2. – №. 1. – С. 672-683.
137. Amrilloevich I. A. Problem-Based Learning: Content, Essence, Possibilities // Journal of Positive School Psychology. – 2022. – Т. 6. – №. 10. – С. 2367-2377.
138. Amrilloevich I. A. Cognitive Research in Education: Foreign Experience // Spanish Journal of Innovation and Integrity. – 2022. – С. 1-4.
139. Amrilloevich I. A. COGNITIVE COMPETENT AS A KEY FACTOR IN THE CONTINUOUS PROFESSIONAL DEVELOPMENT OF A TEACHER // 湖南大学学报 (自然科学版). – 2022. – Т. 49. – №. 01.
140. Amrilloevich I. A. O‘QITUVCHINING KASB STANDARTINI ISHLAB CHIQUISHGA DOIR YONDASHUVLAR TAHLILI // INTEGRATION OF SCIENCE, EDUCATION AND PRACTICE. SCIENTIFIC-METHODICAL JOURNAL. – 2021. – С. 53-59.
141. Ибрагимов А. А. УМУМТАЪЛИМ МАКТАБИ ЎҚИТУВЧИНИНГ КАСБ СТАНДАРТИ: АМАЛИЁТГА КИРИТИШ, МУНОСАБАТ ВА ТАҲЛИЛ // Современное образование (Узбекистан). – 2021. – №. 10 (107). – С. 47-56.
142. Amrilloevich I. A., Uktamjonovich K. E. Pedagogical and Psychological Features of Scientific and Methodological Supervision in the Professional Development of Teachers // International Journal on Integrated Education. – 2021. – Т. 4. – №. 10. – С. 150-156.
143. Ибрагимов А. А. ДОРОЖНАЯ КАРТА ПОВЫШЕНИЯ КВАЛИФИКАЦИИ КАК ТЕХНОЛОГИЯ ПРОЕКТИРОВАНИЯ ИНДИВИДУАЛЬНОЙ ОБРАЗОВАТЕЛЬНОЙ ТРАЕКТОРИИ ПЕДАГОГА // Современный менеджмент: проблемы, модели, перспективы. – 2018. – С. 32-33.
144. Ибрагимов А. А. Повышение квалификации педагогических кадров – путь к совершенствованию педагогических знаний // Образование через всю жизнь: непрерывное образование в интересах устойчивого развития. – 2015. – Т. 2. – №. 13. – С. 272-274.
145. Amrilloevich I. A. Advanced training of teachers as a way to improve pedagogical knowledge // Образование через всю жизнь: непрерывное образование в интересах устойчивого развития. – 2015. – Т. 2. – №. 13 (eng). – С. 232-233.
146. Amrilloevich I. A. Stages of Organization of Scientific and Methodological Observation in the Professional Development of the Teacher // International Journal of Innovations in Engineering Research and Technology. – С. 1-3.
147. Ibraimov K. I. et al. PROVISION AND QUALITY ASSESSMENT OF HIGHER EDUCATION.



148. Ахмедова С. М. Морфологическая характеристика развития стенок сердца крысят //Наука и мир. – 2015. – №. 1-2. – С. 85-87.
149. Kh M. O. et al. Especially the development of myocarditis in hypothyroidism in postnatal ontogenesis //Indian Journal of Forensic Medicine & Toxicology. – 2020. – Т. 14. – №. 4. – С. 7737.
150. Миршарапов У. М. и др. Морфофункциональные изменения стенок сердце при воздействии пестицидов //Морфология. – 2018. – Т. 153. – №. 3. – С. 183-184.
151. Ахмедова С. М. Морфология сердца и влияние пестицидов. – 2016.
152. Ахмедова С. и др. Влияние цитомегаловирусной инфекции на беременность //Журнал вестник врача. – 2016. – Т. 1. – №. 1. – С. 68-69.
153. Негмаджанов Б., Ахмедова С. Современные аспекты диагностики цитомегаловирусной инфекции в акушерстве и перинатологии //Журнал вестник врача. – 2015. – Т. 1. – №. 04. – С. 43-46.
154. Ахмедова С. М. Возрастные особенности анатомии сердца крысят в раннем постнатальном онтогенезе //International medical scientific journal. – 2015. – С. 40.
155. Ахмедова С. М. Гистотопография стенок сердца крысы в постнатальном онтогенезе //Врач-аспирант. – 2011. – Т. 46. – №. 3.2. – С. 283-288.
156. Ахмедова С. Изменение миокарда на фоне экспериментального сахарного диабета : дис. – 2022.
157. Ахмедова С. М., Айтжанова А. Е., Сагдуллаева М. К. К МОРФОЛОГИИ ИЗМЕНЕНИЙ ПОЧЕК ПРИ ЭКСПЕРИМЕНТАЛЬНОМ АЛКОГОЛИЗМЕ //Journal of new century innovations. – 2022. – Т. 16. – №. 2. – С. 166-168.
158. Миршарапов У. М., Ахмедова С. М. ВЛИЯНИЕ ГИПОТИРЕОЗНОГО СОСТОЯНИЯ МАТЕРИ НА РАЗВИТИЕ ОРГАНОВ И СИСТЕМ ПЛОДА //E Conference Zone. – 2022. – С. 25-28.
159. Ahmedova S. M., Safarova D. X., Xudoiberdiev B. E. OITS BILAN KASALLANGAN ONALARDAN TUG'ILGAN 7-12 YOSHLARDAGI BOLALARNING ANTROPOMETRIK KO'RSATKICHLARINI O'ZGARISHLARI //Journal of new century innovations. – 2022. – Т. 15. – №. 2. – С. 11-15.
160. Ахмедова С. М., Якубова Ф. ПОКАЗАТЕЛИ ФИЗИЧЕСКОГО РАЗВИТИЯ У СЛЕПЫХ И СЛАБОВИДЯЩИХ ДЕТЕЙ //Conferencea. – 2022. – С. 103-105.
161. Ахмедова С., Нортюева Н., Нортюев А. Morphological changes in the teeth of adolescent children with hypotireosis : дис. – Тошкент тиббиёт академияси, 2022.
162. Каттаходжаева Д., Муминов О. Морфологическое изменения надпочечников на фоне сахарного диабета : дис. – ТГМУ имени абу Али ибн сино, 2022.
163. Каримов Х., Ахмедова С., Тен С. Морфологическая характеристика развития стенок сердца и их изменения при воздействии пестицидов //Журнал вестник врача. – 2011. – Т. 1. – №. 03. – С. 51-54.
164. Садриева Г., Ахмедова С. Неврологические осложнения у детей с глистной инвазией //Журнал вестник врача. – 2013. – Т. 1. – №. 01. – С. 136-141.
165. Akhmedova S. M. MORPHOLOGICAL CHARACTERISTIC OF HEART WALLS DEVELOPMENT OF INFANT RATS //SCIENCE AND WORLD. – 2013. – С. 87.



166. Ахмедова С. М. ВОЛОКНИСТАЯ СТРУКТУРА СОЕДИНИТЕЛЬНОЙ ТКАНИ ОБОЛОЧЕК СЕРДЦА КРЫСЫ // Молодежь и медицинская наука в XXI веке. – 2014. – С. 109-110.
167. Ахмедова С., Хамроева Л. Акушерские и перинатальные аспекты при цитомегаловирусной инфекции в поздние сроки беременности (обзор литературы) // Журнал вестник врача. – 2014. – Т. 1. – №. 03. – С. 60-63.
168. Ахмедова С. М. СТРОЕНИЕ СТЕНОК СЕРДЦА КРЫСЯТ В РАННЕМ ПОСТНАТАЛЬНОМ ОНТОГЕНЕЗЕ // Научная дискуссия: вопросы медицины. – 2015. – №. 5-6. – С. 117-121.
169. Ахмедова С. М., Миршарапов У. М. Гистологическое строение сердце крысят в ранних этапах онтогенеза // Уральский медицинский журнал. – 2015. – №. 3. – С. 115-119.
170. Ахмедова С. М., Миршарапов У. М. СОСУДЫ МИОКАРДА СЕРДЦА КРЫСЯТ ПРИ ВОЗДЕЙСТВИИ КОТОРАНА // Журнал теоретической и клинической медицины. – 2015. – №. 1. – С. 16-20.
171. Ахмедова С., Эрматов Н. Характер морфофункциональных изменений сердца при воздействии пестицидов // Журнал проблемы биологии и медицины. – 2016. – №. 3 (89). – С. 135-137.
172. Ахмедова С. М., Каттахаджаева Д. У., Бокиева Ф. А. УЛЬТРАСТРУКТУРНОЕ СТРОЕНИЯ МИОКАРДА ПРИ ВЛИЯНИИ ПЕСТИЦИДА // Велес. – 2017. – №. 5-1. – С. 43-45.
173. Ахмедова С. М., Хатамов А. И., Худайберганов Б. Э. МОРФОФУНКЦИОНАЛЬНЫЕ ОСОБЕННОСТИ УЛЬТРАСТРУКТУРНОГО СТРОЕНИЯ МИОКАРДА ПРИ ВЛИЯНИИ ПЕСТИЦИДА // Проблемы и достижения современной науки. – 2017. – №. 1. – С. 11-13.
174. Миршарапов У. М. и др. СОСТОЯНИЕ СОСУДИСТОВ ПРИ ЭКСПЕРИМЕНТАЛЬНОМ САХАРНОМ ДИАБЕТЕ // Актуальные научные исследования в современном мире. – 2017. – №. 5-3. – С. 78-82.
175. Миршарапов У. М. и др. СОСТОЯНИЕ СОСУДОВ ПРИ ЭКСПЕРИМЕНТАЛЬНОМ САХАРНОМ ДИАБЕТЕ // Проблемы и достижения современной науки. – 2017. – №. 1. – С. 13-15.
176. Mirzamuhamedov O. M., Akhmedova S. M. STATE OF THE MYOCARDIUM IN EXPERIMENTAL TOXIC MYOCARDITIS // International Scientific and Practical Conference World science. – ROST, 2017. – Т. 5. – №. 10. – С. 53-55.
177. Рустамова М. М. Методика развития творческого мышления учеников в системе начального образования // Восточно-европейский научный журнал. – 2017. – №. 3-3 (19). – С. 15-18.
178. РУСТАМОВА М. М. ПЕДАГОГИКО-ПСИХОЛОГИЧЕСКИЕ ОСОБЕННОСТИ РАЗВИТИЯ ТВОРЧЕСКОГО МЫШЛЕНИЯ У УЧАЩИХСЯ НАЧАЛЬНЫХ КЛАССОВ // ЕВРАЗИЙСКИЙ СОЮЗ УЧЕНЫХ. СЕРИЯ: ПЕДАГОГИЧЕСКИЕ, ПСИХОЛОГИЧЕСКИЕ И ФИЛОСОФСКИЕ НАУКИ Учредители: ООО "Логика+". – №. 1. – С. 29-33.



179. Рустамова М. М. БОШЛАНГИЧ СИНФ ЎҚУВЧИЛАРИНИНГ ИЖОДИЙ ТАФАККУРИНИ РИВОЖЛАНТИРИШНИ ТАКОМИЛЛАШТИРИШГА ОИД “МОНТЕССОРИ МЕТОДИКАСИ” НИ ИШЛАБ ЧИҚИШ ВА УНИ АМАЛИЁТГА ЖОРИЙ ЭТИШ // Современное образование (Узбекистан). – 2021. – №. 11 (108). – С. 54-63.
180. Mirkamalovna R. M. Development of creative thinking of younger schoolchildren in lessons of labor training using non-traditional materials // International Journal of Psychosocial Rehabilitation. – 2020. – Т. 24. – №. 6. – С. 578-580.
181. Mirkamalovna R. M. Psycho-Pedagogical Aspects of Development of Creative Thinking of Pupils of Primary School // ANGLISTICUM. Journal of the Association-Institute for English Language and American Studies. – 2016. – Т. 5. – №. 8. – С. 82-85.
182. Рустамова М. М. РОЛЬ УРОКОВ ТРУДА В НАЧАЛЬНЫХ КЛАССАХ В РАЗВИТИЕ ТВОРЧЕСКОГО МЫШЛЕНИЯ УЧЕНИКОВ // Сборники конференций НИЦ Социосфера. – Vedecko vydavatelske centrum Sociosfera-CZ sro, 2016. – №. 9. – С. 131-133.
183. Рустамова М. М. Развитие творческого мышления школьников на уроках по труду в начальных классах // Апробация. – 2015. – №. 12. – С. 126-128.
184. Абдузоирова Д., Акбарова М., Ўринбоева М. Correct Organization of Feeding-An Important Reserve for Increasing Production Meat // Central Asian Journal of Theoretical and Applied Science. – 2021. – Т. 2. – №. 4. – С. 141-144.