

Регистрационные данные DOI: [Process Management and Scientific Developments](#)
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Поле	Значение
Объект №1	
Заголовок	NORMALIZATION OF WORKING CONDITIONS OF WORKERS IN THE PRODUCTION PROCESSES OF THE ENTERPRISE
Аннотация	The article summarizes the methodological approach and the results of normalizing the working conditions of workers of one of the coal mining transport companies. The growth rate of the single capacity of mining transportation equipment, its productivity and the intensity of mining determine the growth of technical risks, which are characterized by an increase in the direct or indirect influence of natural, mining, geological, technical, technological and organizational factors. As a result, the risk of equipment failure and personal injury increases significantly. The author considers the normalization of working conditions of workers in production processes as one of the important tasks of ensuring the safety and efficiency of production at the site, in the service, at the enterprise and in the company. The article is open to question.
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Объект №2	
Заголовок	THE INFLUENCE OF THE RELATIONSHIP OF FINANCIAL AND NON-FINANCIAL INDICATORS ON ASSESSING THE EFFECTIVENESS OF THE COMPANY
Аннотация	This article reveals the importance of a balanced scorecard and the relationship of financial and nonfinancial indicators. The authors consider a balanced scorecard as an element of the accounting policy of the company, which makes it possible to have a systematic approach to accounting and analytical support of the business and making effective management decisions. Disclosure of nonfinancial information in financial statements plays an important role in ensuring business transparency.
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Объект №3

Заголовок	SOCIO-PSYCHOLOGICAL ASPECTS OF SUCCESSFUL PROFESSIONAL ACTIVITY OF A TEACHER
Аннотация	<p>Educational process becomes digital and requires a modern teacher to be successful socially and psychologically. The article focuses on the issues connected with the prestige of teacher profession and status of a modern teacher. The author analyses the notion of teacher psychological success, defining its meaning and value to the effective educational activity. The article shows the results of the survey conducted in 2019 by the commission of the Civic Chamber of the Russian Federation concerning education and science development to obtain the social opinion about teacher status in the modern society. The article shows the results of the research conducted on the basis of pedagogical faculty of MSU n.a. M.V. Lomonosov. The authors distinguished and analysed the main parameters of sociopsychological teacher welfare: communicative, personal, cognitive, organizational, social perception. The results concern the request stated by the authorities to increase the status of a modern teacher. The conclusion states the main relevant ideas concerning sociopsychological teacher welfare.</p>
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Объект №4	
Заголовок	MODERNITY OF PEDAGOGICAL IDEAS OF A. S. MAKARENKO
Аннотация	The article focuses on the modern side of A. Makarenkos pedagogical ideas. The mores of the prominent pedagogue about the education and development of minor students in natural unity with studies, work, public and leisure activities in a group are studied from another prospective. Makarenkos ideas about personality forming and development, his/her labour and academical education are presented.
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Объект №5

Заголовок	COMPETENCY-BASED APPROACH INNOVATIVE MODEL FOR THE CREATION OF TEXTBOOKS
Аннотация	The article reveals the possibilities of a competencybased approach to creating textbooks.
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Объект №6

Заголовок	AUTHORITARIAN RELIGIOSITY AND AGGRESSION
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Аннотация	The paper presents an analysis of the grounds for aggression in the framework of the authoritarian type of individual religiosity. In the paradigm of E. Durkheim, religiosity is projected as a symbol of group and personal identity. Religious aggression manifests itself in relation to the nonidentical, heterodox.
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Объект №7	
Заголовок	A COMPREHENSIVE ANALYSIS OF POLITICAL RHETORIC (ON THE EXAMPLE OF D. TRUMP'S PRESIDENTIAL INAUGURAL ADDRESS)
Аннотация	The paper deals with the inaugural address as one of the genres of political rhetoric. It is aimed at analyzing the structural, ideological and thematic model of Donald Trumps inaugural speech (2017). By means of content analysis we looked for linguistic means to determine the key concepts of Trumps narrative, which include strong America, restoring the countrys prosperity, the welfare of the nation. The paper findings may be useful for researchers who deal with political and cognitive linguistics, political discourse and comprehensive analysis.

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Объект №8	
Заголовок	SPECIFICS OF YOUTH'S SOCIAL PERCEPTIONS OF BLOGGERS

Аннотация	<p>This article presents the results of a comparative empirical study of the specifics of youths social perceptions of a bloggers personality. Currently, blogosphere is showing growth in its popularity, and therefore we can say that the social perceptions (the image) of a blogger as a multilevel sociopsychological media phenomenon is one of the most significant ones in shaping a persons holistic view of mass media. The study involved students of the Chernyshevsky Saratov National Research State University. The empirical material was collected with the use of associative experiment methods. The data obtained via the survey were processed with the prototypical analysis proposed by P. Verges, and the analysis of individual conversations and online discussions which helped to control the outcome. The results showed that students evaluate the bloggers personality mainly in a positive emotional way. The representation of youths ideas is characterized by concepts with a positive semantic connotation the blogger is perceived by them as a young man who translates certain meanings and values providing real assistance and realizing various significant functions.</p>
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<p>Объект №9</p>	

Заголовок	THREE SPACES OF GRAPHIC DESIGN
Аннотация	The article focuses on some properties of images depending on changes in the creating technology, location in the environment or inclusion to the text content.
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Объект №10	
Заголовок	ONCOPROTEIN NUCLEOPHOSMIN/B23 IN THE PRESENCE OF RENAL CLEAR CELL CARCINOMA: CLINICAL-ANATOMICAL FACTORS OF PROGNOSIS

Аннотация	The study is devoted to the expression of Oncoprotein nucleophosmin / B23 in cells of kidney renal cell carcinoma depending on the clinical and morphological parameters and postoperative survival of patients. We studied 83 kidney cancer drugs. Nucleophosmin / 23 expression was detected by the immunohistochemical method, expression was assessed by calculating the integral optical density of the substrate in the nucleoli of the cells. It was revealed that the integral optical density of nucleophosmin / B23 in tumor cells was interconnected with a number of important prognostic factors: the stages of the disease according to TNM, the size of the tumor node, the degree of nuclear atypia according to Fuhrman, the presence of metastases, and 5year postoperative survival of patients. The study of the integral optical density of nucleophosmin / B23 may serve as an additional prognosis factor for clear cell renal cancer.
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Объект №11

Заголовок	THE PREVALENCE OF ANTIBIOTIC-RESISTANT GRAM-NEGATIVE PATHOGENS OF NOSOCOMIAL PNEUMONIA IN ST. PETERSBURG, RUSSIA
Аннотация	<p>Gramnegative bacteria are the most common causative agents of nosocomial pneumonia. This article presents the results of a study of antimicrobial sensitivity of 494 isolates of nosocomial pneumonia pathogens isolated from patients from a multidisciplinary hospital in St. Petersburg in 20182019. In the etiological structure of pathogens that cause pneumonia under hospital conditions, 66.0 (326 strains) were occupied by bacteria from the Enterobacteriaceae family (258 strains of <i>Klebsiella pneumoniae</i> and 68 strains of <i>Escherichia coli</i>), 34 (168 strains) were nonfermenting gramnegative bacteria (93 strains of <i>Pseudomonas aeruginosa</i>, 71 strain of <i>Acinetobacter</i> spp., 2 strains of <i>Burkholderia cepacia</i> complex and 2 strains of <i>Stenotrophomonas maltophilia</i>. The extreme resistance phenotype (XDR) was possessed by 20.2 of <i>K. pneumoniae</i> isolates, 65.6 of <i>P. aeruginosa</i> isolates, and 66.2 of <i>Acinetobacter</i> spp isolates.</p>
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Объект №12

Заголовок	THE DIAGNOSTIC VALUE OF ROUTINE RESEARCH METHODS ELECTROCARDIOGRAPHY AND ECHOCARDIOGRAPHY IN PATIENTS WITH CHRONIC HEART FAILURE ELDERLY
Аннотация	<p>Traditionally, CHF is associated with impaired LV contractile function. However, from the point of view of the pathophysiology of CHF syndrome, systolic dysfunction is considered only as one of the factors along with a change in wall tension and the structure of diastolic filling, i.e. with all that is included in the concept of remodeling of the left ventricle. It is assumed that the development of CHF in most cases is based on LV diastolic dysfunction, which can cause a decrease in systolic function of the myocardium due to structural changes in the valves and impaired excitability and conduction in the sinus node and conduction system of the heart. This is especially true of the elderly. The study of indicators of diastolic function in the dynamics of treatment can be used as criteria for the effectiveness of therapy in patients with CHF.</p>

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Объект №13	
Заголовок	EFFECTIVENESS OF I-PRF AND RECOMBINANT BONE MORPHOGENETIC PROTEIN AT THE EXTRACTION OF IMPACTED MANDIBULAR THIRD MOLAR

Аннотация	Objective improving the effectiveness of treatment of patients with retention of the third molars of the lower jaw by using osteogenic factors (autoplasma enriched with iPRF and recombinant morphogenetic protein (rhBMP2)). 82 patients were included in research. The developed surgical method for treating retention and dystopia of the lower third molars using biomaterial based on demineralized bone matrix saturated with recombinant morphogenetic protein of bone rhBMP2 can reduce the occurrence of postoperative inflammatory complications by 35, 4, and also reduce the time for their elimination.
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Заголовок	HISTORICAL EXPERIENCE AND PROSPECTS FOR THE USE OF VIBURNUM IN MEDICINE
Аннотация	In the course of a study of scientific literature, the historical experience of using viburnum in different territories over a very long period of time was studied. Analysis of the prospects for use was carried out by us, based on knowledge and work on the content of a number of biologically active substances, among which anthocyanins, flavonoids, tannins, as well as a diverse composition of vitamins and trace elements, a complex of biologically active substances: vitamins (C, P, B2, E , carotenoids), phenolic compounds (flavonoids, phenolic acids, anthocyanins), glycosides, polysaccharides, sugars, organic and triterpenic acids, fatty oils, macro and micronutrients
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Заголовок	INFLUENCE OF ENVIRONMENTAL FACTORS ON BIOCHEMICAL INDICATORS CHARACTERIZING THE QUALITY OF WHEAT GRAIN
Аннотация	The article presents data characterizing the climatic and weather features in the conditions of the experiment, as well as the protein and starch content in the grain of the studied varieties and lines of wheat. It was revealed that the content of protein and starch in wheat grain differs depending on the growing conditions and fertilizer application. These results can be used in breeding as a test system characterizing the quality of grain.
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Объект №16	

Заголовок	SOME RESULTS OF MONITORING THE TEMPERATURE REGIME IN THE ALTITUDE ZONE OF THE BARGUZIN RIDGE (NORTHERN BAIKAL REGION)
Аннотация	The monitoring of temperature in the territory of the Barguzinsky reserve was organized. On a highaltitude transect of a key section of the Barguzinsky ridge, information is collected on the temperatures of the air column and on the surface of the earth. Research is carried out using thermochrons of the DS1921G type and the M03 automatic meteocomplexes. The temperature regime of the Barguzinsky ridge was specified taking into account altitudinal zonation. The vertical gradient of the ground and minimal and middle air temperatures was calculated. The estimation of mountain temperature inversions is given. Peculiarities of changing the thermal regime of altitudinal zoning by the seasons of the year are noted.
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Объект №17

Заголовок	GROWING JUVENILE CARP IN CAGES UNDER SEMI-INTENSIVE CONDITIONS OF THE REPUBLIC OF UZBEKISTAN
Аннотация	Cages (0.5 m ³) were installed in a fish pond with a polyculture of cyprinids. 148150 pieces of fry were planted in cages with a total biomass of 300 g. The young were grown for 20 days. We chose a feeding dose of 10 of biomass per day. Feed was introduced 1 time per day in the morning from 800 to 900. The analysis showed that both feeds used had approximately the same value for fish growth. Feed coefficient of feed 1 was 1016 (average 13.0), feed 2 was 1216 (14). Hydrochemical analysis showed that at the used fish densities, the amount of dissolved oxygen in the water and the temperature of the water did not differ from those in the pond in which these cages were installed.
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Объект №18

Заголовок	GROWING TWO-YEAR CARP IN CAGES IN EXTENSIVE CONDITIONS OF THE REPUBLIC OF UZBEKISTAN
Аннотация	Fish tanks (1 m) were installed in a fish pond with a polyculture of cyprinid fish, filled by twoyearold carp (150 346 g) with a density of 3. 8. 13 fish/mand then simple feed mixture pellets were introduced (wheat bran 60, azolla 15, green parts of Jerusalem artichoke 15, minced weed fish 10). For 15 days in cages, where the growth of individuals was faster, there was a greater increase in fish biomass (rDWd 0,76). In cages with a lower planting density, fish grew more individually and in total biomass (row w 0.33), i.e. In densely populated cages, a large number of fish ate the natural food supply faster (and starved) than in sparsely populated ones. The carp density in cages was 14.5 kg/m, i.e. 52.5 times higher pond productivity. Higher results showed densities up to 1 kg/ munder extensive cultivation.
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Объект №19	
Заголовок	CALCULATION OF THE RADIATIVE PARAMETERS OF FRRB MOLECULE
Аннотация	The radiation parameters were calculated (Einstein's coefficients for spontaneous emission, oscillator strengths for absorption, Frank-Condon factors, wave numbers of electron-vibrational transitions in the system of bands 2 X of the FrRb molecule (0 v 45, 0 v 75), and radiative lifetimes of an excited electronic state. Calculations are based on potential curves constructed in this work. Radiation parameters and lifetimes are obtained for the first time.
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Объект №20	
Заголовок	ECOLOGICAL-RECREATIONAL ZONING: MEDICAL-ECOLOGICAL AND SOCIO-ECONOMIC DIMENSION
Аннотация	Spatial and recreational planning of the Orenburg oblast involves the development of a system of measures to preserve and improve the quality of the environment, taking into account current trends in the development of socioeconomic relations and focusing not only on extensive development factors, but also on the use of the innovative potential of the region. Ecological and recreational zoning was carried out in order to develop, use and maintain recreational areas to provide the population with places of rest and sanatoriumresort treatment. Ecological and recreational zoning of the territory of the region will make it possible to assess the general condition of the recreational environment, the degree of its transformation and the severity of medical and environmental problems.
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Объект №21

Заголовок	EXPERIENCE OF GROWING AUSTRALIAN CRAYFISH AND FRESHWATER SHRIMP IN ASTRAKHAN REGION
Аннотация	<p>Tropical species require individual study and approach depending on the ecological conditions of the species being grown and their biological productivity. One of the main components of the characteristics of the ponds used is the composition of the natural feed base, in artificial conditions the presence of full feed. The study of the feed base of ponds and applied artificial feed formulations is still relevant today, as in order to develop the cultivation of new objects of thermal water aquaculture in the Astrakhan region there are no clear recommendations on the pond and industrial content of objects of thermal water aquaculture, in particular Australian crayfish and freshwater shrimp. As a result of the experimental work, the production potential of different categories of ponds used for the production of commercial products was studied, the feed base, biomass of zooplankton and zoobenthos, which will meet the food needs of the grown objects, which determines fish production, was studied The possibility of industrial content on feed of own production has been studied.</p>
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Объект №22	
Заголовок	APPROACH TO CLASSIFICATION OF HAZARDOUS PRODUCTION SITUATIONS
Аннотация	The main characteristics of hazardous production situations arising in coal mining enterprises, which became the basis for the formation of the classification, are determined. The application of the classification of hazardous production situations in practice will ensure their prompt identification and elimination in the process of production activity in transitional conditions. The article was prepared using the results of the study on state assignment 075005811900. Topic 040520190005.
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Объект №23	
Заголовок	ON THE PRODUCTION RISK MANAGEMENT MODEL
Аннотация	Based on a generalization of the results of coal mining enterprises in terms of ensuring production safety and managing the risks of accidents and injuries, a logical model of industrial risk management is proposed. It is proved that the required risk management model at the coal mining enterprise should control production risk, which includes the risks of injuries and accidents and failure to fulfill the production task. This model of production risk management will provide the coal mining company with competitive advantages in conditions of high dynamics of the external and internal environment of its functioning. The article was prepared using the results of the study on the State Assignment 007002931800. Topic 040520180001. Project 185510.
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Объект №24	
Заголовок	ESTIMATION OF SOIL GROUNDS' DEFORMATION ANISOTROPY EFFECT ON THE CALCULATIONS OF BUILDINGS AND CONSTRUCTIONS FOUNDATIONS ACCORDING TO THE DEFORMATIONS

<p>Аннотация</p>	<p>The article provides recommendations drawn up in the development of chapter 5, paragraph 5.6 Calculation of deformation bases of SP 22.13330.2016 Foundations of buildings and structures. The updated edition of SNiP 2.02.0183 1, which sets out the main provisions for calculating isotropic soil bases. The development of a reliable apparatus for calculating soil bases is of particular relevance at the present time, when the available data on the stress-strain state (VAT) of soil bases mainly confirm the provisions of the calculation methods described in SP 22.13330.2016, but, nevertheless, in a number of cases, there is a need to adjust the standard methods for calculating the settlement of soil foundations. Correction factors are developed for use in design practice when it is necessary to determine the estimated soil resistance R under the soles of the foundations and to determine the dimensions of the soles, as well as when calculating the settlements of hard foundations by the method of layer-by-layer summation of deformations of a homogeneous transversely isotropic single-layer soil base of various thicknesses (including half-planes) under flat deformation. The nature of the deformation anisotropy of the studied types of soils is different for plastic sandy loam the indicator is 1 for loesslike sandy loams and silts, as a rule 1 for sands of medium density and dense, tested under compression 1. With an increase in compressive load, the values of increase, and with an increase in σ, the values of the foundation settlements increase. Taking into account the natural anisotropy of soils allows one to more reasonably determine the sizes of the soles of the foundations and determine their settlement, and in some cases to obtain a noticeable economic effect.</p>
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