

## Scientific research of the SCO countries: synergy and integration

December 11, 2019. Part 1

Поле	Значение
Объект №1	
Заголовок	ENTREPRENEURSHIP IN RUSSIA AND CHINA IN THE 21ST CENTURY IN THE CONTEXT OF INTERNATIONAL RATINGS <sup>1</sup>
Аннотация	The article deals with the analysis of the state of entrepreneurship in Russia and China based on two international ratings: Doing Business and Global Entrepreneurship Monitor (GEM). According to the Doing Business project, statutory regulation of entrepreneurship in Russia makes doing business a little bit easier, however, the dynamics of indicators in China ensures their faster and more sustainable growth. An analysis of the GEM main indicator - Total early-stage entrepreneurial activity index (TEA) indicates a higher level of entrepreneurial activity of Chinese population, despite the observed increase in TEM in Russia and a slight decrease of this indicator in China.
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Объект №2	
Заголовок	COMBATING CORRUPTION AMONG JUDGES IN THE RUSSIAN FEDERATION
Аннотация	The article deals with the problems of combating corruption of judges, draws attention to the settlement of conflicts of interest in the work of judges
Автор 1	Kurchenko, V.N.
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Объект №3	
Заголовок	MASTERING THE BASICS OF WING CHUN TECHNIQUE

Аннотация	The article reveals the origin of Wing Chun martial art, its technical foundations, methodological recommendations for the technical training of athletes.
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Объект №4	
Заголовок	INTEGRATION OF CHILDREN WITH DISABILITIES INTO THE EDUCATIONAL PROCESS IN THE HUMANISTIC TRADITIONS OF JANUSZ KORCZAK

Аннотация	<p>The author in the article considers the main ideas and principles of the pedagogical system of the famous Polish teacher, writer, doctor and prominent public figure Janusz Korczak in the adaptation of children with disabilities according to the principles of humanistic pedagogy. The author shows that every educational action, every educational meeting of an adult and a child with disabilities is an action of sharing experiences between generations. Every action, every thought of a teacher about a child with disabilities and the desire for educational change should be distinguished by respect, wisdom and love towards an individual, which indicates the highest intelligence of I. Korczaks pedagogical attitudes. So, the presence of the problem of integration of children with health problems in the educational process and into society is due, on the one hand, to their deviations in physical and mental development and, on the other, to the insufficient perfection of the social relations system itself, which, due to certain stringency of its subjects is inaccessible to children with disabilities</p>
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Объект №5	
Заголовок	COGNITIVE ASPECT OF TEACHING FOREIGN LANGUAGES IN A TEXTBOOK FOR NON-LINGUISTIC UNIVERSITIES
Аннотация	The article is devoted to the consideration of the cognitive aspect of teaching in a foreign language textbook for non-linguistic universities. Based on the fact that the formation of cognitive competence of students is one of the priority tasks in the process of learning a foreign language, the article analyzes its implementation and gives specific examples in a textbook - as the main tool necessary to implement the learning objectives.
Автор 1	Afanasevskaia, N.V.
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Объект №6

Заголовок	APPLYING DISTANCE PROFESSIONAL DEVELOPMENT OF TEACHERS: THE BASICS STAGES
Аннотация	In this article to be discussed the issues regarding to the organizational-pedagogical stages, modeling of Distance Professional Development, the role and admissibility of Distance Learning in the process of eliminating existed problems in the system of Professional Development and integration of Distance Education into Traditional Professional Development in the age of Information Society. Together with this included brief information about the practical learning process concerning to the organizational-pedagogical stages.
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Объект №7

Заголовок	TECHNOLOGICAL APPROACH AS A MEANS OF IMPROVING THE PEDAGOGICAL ACTIVITY OF FUTURE CHEMISTRY TEACHERS
Аннотация	The article presents an analysis of studies on the problem of applying the technological approach in the field of education (for example, chemical education). The authors focus on the problems of training students, future chemistry teachers, on the methodological problems of the integrated use of pedagogical technologies in the teaching of chemistry and chemistry methods.
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Объект №8	
Заголовок	ADVERTISING TEXTS AS THE BASIS FOR THE DEVELOPMENT OF LINGUISTIC COMPETENCE

Аннотация	The article is devoted to the formation of professional linguistic competence of students studying Russian as a foreign language. The aim of the experiment was to compare the results of the development of linguistic skills in the control and experimental groups when editing advertising texts. The results of the control editing have proved that the efficiency in the experimental group has increased. This indicates the effectiveness of the use of advertising texts in order to eliminate violations of lexical, morphological and syntactic norms by students studying Russian as a foreign language and contributes much to the increase of professional competence.
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Объект №9	
Заголовок	R.L. STEVENSON AND ENGLISH NEOROMANTICISM

Аннотация	The article analyzes the origin of a new wave of romanticism in English Literature on the late 19th century. It touched a number of writers, and especially R.L. Stevenson. The romantic dominant of his method is confirmed by the problematic and thematic characteristic of creativity and also Stevensons commitment to romantic aesthetics is evidenced by the concept of man, his assessment not as an estate-social phenomenon, but from timeless positions, based on a purely personal status. The central place in Stevensons artistic anthropology is occupied by the so-called complicated character, passing through all his work.
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Объект №10	

Заголовок	DEVIANT USE OF PERSONAL NAMES
Аннотация	The article deals with cases of secondary nomination based on deonymizing, which consists in transferring a proper name to a new referent, which has a neutral name in the language. It concerns slang and colloquial names derived from anthroponyms and referring to people of non-traditional sexual orientation. Deviant application of personal names results in their gender neutralization.
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Объект №11	
Заголовок	LANGUAGE AS AN IMMANENT FEATURE OF ETHNIC IDENTITY

Аннотация	The article considers the role and functions of the native language as a constituent of the Evenk peoples ethnic awareness (the Sakha (Yakutia) Republic). Among the major problems relating to the language usage in the Sakha Republic, the authors separate out the ongoing reduction of certain functions in the language domain of indigenous small-numbered peoples of the North. In our opinion, the root of the tendency in question lies at underestimation of national languages significance and their role in ethnic group preservation. Ethnic selfdefinition is a mental process and is provoked as an individuals immanent introjection into his national culture when capturing knowledge about the assembly of symbolic cultural elements, such as an ethnic groups language.
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Объект №12	
Заголовок	ECO-CENTRIC APPROACH AND ISSUES FOR DESIGNING NEW PROFILES OF MODERN LINGUISTICS
Аннотация	The article provides an overview of the main directions of development of ecolinguistics as a new model of research in modern linguistics. The features of approaches to the study of language as a tool for the formation of a harmonious environment of human life and the most important means of social interaction in domestic and foreign science are considered. The article notes the possibility of identifying new profiles of ecolinguistic research in modern communicative linguistics and sociolinguistics.
Автор 1	Ionova, S.V.
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Объект №13	
Заголовок	RUSSIAN-CHINESE RELATIONS IN THE "VOLGA-YANGTZE" FORMAT OF COOPERATION
Аннотация	This article discusses the development of inter-regional RussianChinese relations in the Volga-Yangtze format of cooperation. The author analyzes the main trends, forms and directions of humanitarian interaction between the Chuvash State University (Chuvashia, Russia) and the regions of the upper and middle reaches of the Yangtze River of the Peoples Republic of China. It is noted that thanks to state support, humanitarian dialogue is gaining more and more importance and becoming a significant factor in the inter-regional policies of the two countries.
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<b>Объект №14</b>	
Заголовок	DYNAMICS OF STRUCTURAL CHANGES IN THE CIRCADIAN RHYTHM OF HEART RATE, CIRCADIAN INDEX IN THE ACUTE PERIOD OF SEVERE TRAUMATIC BRAIN INJURY IN CHILDREN
Аннотация	<p>Based on a study of the data of 100 children with severe traumatic brain injury, the authors showed that on the first day after STBI the most pronounced tachycardia was in children under 3 years of age. A decrease in the HR mesor under the age of 3 in the 1st group was detected on the 3rd day, in the heavier 2nd group on the 14th day, the heaviest 3rd group during the 30 days of the acute period there was a persistent increase in the HR circadian rhythm median with the highest values on the 3rd-7th day. The HR circadian rhythm mesor in children is an integral indicator that objectively reflects the severity of the stress reaction and the severity of the systemic inflammatory response to STBI in all age groups in children. The range of HR fluctuations in the circadian rhythm reliably correlates with the amplitude of the circadian rhythm. The CI in the acute period of STBI was characterized by heart rate stiffness in all children, most pronounced in group 3, reflecting the persistent response of the sympathoadrenal system.</p>
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Объект №15	
Заголовок	COITAL ANORGASMIA DUE TO MALADAPTIVE MASTURBATION IN WOMEN AND THE CONDITION OF THE GENITAL AREA

Аннотация	The article discusses the relationship of maladaptive masturbation and coital anorgasmia in women. The definition of maladaptive masturbation, its primary and secondary forms, as well as the relationship between the state of the vaginal flora (vaginal candidiasis) and coital anorgasmia is given. The treatment options for coital anorgasmia that developed as a result of maladaptive masturbation in the period before sexual activity are described.
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Объект №16	
Заголовок	CHANGING THE BALANCE OF MICRO AND MACRO ELEMENTS OF BLOOD AGAINST THE BACKGROUND OF AN EXPERIMENTAL MODEL OF LIVER ISCHEMIA-REPERFUSION

<p>Аннотация</p>	<p>With reperfusion syndrome, toxemia develops, and an imbalance in the micro and macro elements of the blood is important. Therefore, the aim of the research was against the background of an experimental model of ischemiareperfusion to determine changes in the content of micro and macro elements in the blood. The experiment was carried out on white outbred rats in which a model of ischemia was created by applying a ligature to the hepatic artery. As a result of studies, it was found that the content of sodium, chlorine, iron, calcium and manganese ions in the blood of animals decreases during the period of ischemia and continues to decrease during the reperfusion period. This is accompanied by a decrease in the level of iron, calcium and manganese ions. The potassium content in the blood of animals increases. All these changes increase with increasing duration of ischemia. There is a relationship between a change in the level of phosphorus and calcium in the blood and the duration of periods of ischemia. An increase in the duration of ischemia up to 20 minutes led to a decrease in the phosphorus content and an increase in the calcium content in the blood during the reperfusion period. Whereas during reperfusion on the background of 10 minute ischemia, an increase in the level of ions and phosphorus and calcium was observed.</p>
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Объект №17	
Заголовок	ASSESSMENT OF QUALITY OF LIFE IN WOMEN DURING PREGNANCY
Аннотация	The article presents the results of changes in the quality of life and psychoemotional state in women before pregnancy, taking into account the phases of the menstrual cycle. According to the results of the study, it was found that QOL assessment indicators in healthy women have a pronounced monthly rhythm. At the same time, the level of BP, GH, VT is significantly higher in the follicular phase of the menstrual cycle, and PF, RP, SF, RE and MH in the luteal phase (p 0.05). During pregnancy, an assessment of QOL indicators in women, carried out in three trimesters, showed an increase in the psycho-emotional component of health while reducing the physical component, which can be traced from I to III trimester of pregnancy. The lowest indicators of the psycho-emotional component of health and vice versa, high values of the physical component are observed in the first trimester in pregnant women.
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Объект №18	
Заголовок	THE EFFECT OF DRY EXTRACT OF SERRATULA CENTAUROIDES L. ON THE SEXUAL BEHAVIOR OF MALE RATS
Аннотация	The effect of the dru extract of Serratula centauroides L. (Asteraeae) on the reproductive function of male rats was studied In experiments on rats. It was found that dry extract of Serratula centauroides L., diluted in purified water at a dose of 100 and 150 mg / kg in a volume of 10 ml / kg, stimulated various aspects of sexual behavior and increases the reproductive function of male rats.

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Объект №19	
Заголовок	POSSIBILITIES FOR PREDICTING THE FUNCTIONAL STATE OF FOOTBALL PLAYERS OF 16-17 YEARS IN DIFFERENT PERIODS OF SPORTS TRAINING

Аннотация	<p>The relationship between the calculated indicator functional state obtained through the diagnostic hardware complex OMEGA-SPORT (DYNAMICS, St. Petersburg) and the indicator expert assessment of a doctor, cu, determined according to a survey of sports doctors, which we attribute to the features of the training process in the annual training cycle are revealed. It is shown that a decrease in the functional state indicator is accompanied by an increase in visits to the doctor, as evidenced by an increase in the indicator expert assessment of a doctor, cu). The anticipatory decrease in the functional state indicator is a consequence of the stress of the systems that regulate the heart rhythm. The indicator functional state , based on the analysis of statistical and spectral parameters of heart rate variability and expert assessment of a doctor, cu, is fit to use for monitoring and correction of training and accompanying effects for players aged 16-17.</p>
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Объект №20	
Заголовок	LUMINESCENT PROPERTIES OF MIXED LANTHANUM-CERIUM-TERBIUM PHOSPHATES
Аннотация	A method is proposed for the preparation of terbium activated lanthanum cerium phosphates of the composition $\text{La}_{0,8}\text{Ce}_{0,15}\text{Tb}_{0,05}\text{PO}_4$ and $\text{La}_{0,8}\text{Ce}_{0,15}\text{Tb}_{0,05}(\text{PO}_3)_3$ , the main advantages of which are lower temperature and process time compared to known methods. Phosphors show intense green luminescence in the region of 450-620 nm. It was found that, compared with simple terbium phosphates, in the obtained compounds, the luminescence intensity of the $\text{Tb}^{3+}$ ion in the presence of $\text{La}^{3+}$ and $\text{Ce}^{3+}$ ions significantly increases, which indicates an increase in the transfer of excitation energy to $\text{Tb}^{3+}$ ion in the presence of activators.
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Объект №21	
Заголовок	CHEMICAL PURIFICATION OF NATURAL GRAPHITE WITH AMMONIUM HYDRODIFLUORIDE
Аннотация	The paper presents the results of a study of the possibility of purifying natural graphite by treating high-carbon raw materials with ammonium hydrodifluoride. It was found that the fluorination process using a 20 excess of NH <sub>4</sub> HF <sub>2</sub> allows complete fluorination of the impurity components present in graphite to be achieved. Laboratory procedures have been developed for purifying graphite concentrate from profluorinated impurity elements to obtain enrichment products with a carbon content of 99.5 and 99.98.

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Объект №22	
Заголовок	INCREASE IN EFFICIENCY OF USE OF LASER TECHNOLOGIES FOR IDENTIFICATION

Аннотация	The research of communication of properties of industrial products and specific features of technology of laser production is conducted. The analytical expressions for calculation of a penetration depth of laser radiation in material allowing to increase efficiency of use of laser technologies optimum are given to choose parameters of the laser, considering a microstructure, the chemical composition and the physicist mechanical characteristics of material. The solution of an urgent task of a task of the technological modes in case of diversity of implementations of the choice of technology and the laser equipment taking into account uncertainty of thermal properties of the used material is proposed. The complex indicator much simplifying the choice of parameters of laser radiation allowing to create the atlas of heat diffusivities of materials is allocated
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Объект №23

Заголовок	SURFACE MATERIALOLOGY DURING SURFACING WITH NEW MATERIALS IN THE CONDITIONS OF SUSTAINABLE DEVELOPMENT OF THE FAR EASTERN REGION
Аннотация	The solution of some important problems of resource-producing regions is shown, the hypothesis of achieving sustainable development of resourceproducing regions during the processing of mineral raw materials in the mining region using high technologies is confirmed. The development scheme of the Far Eastern region of the Russian Federation is shown with the support of the development of science and the production of promising materials and products from local raw materials. The interaction scheme of the constituent parts of the weldingsurfacing process is considered. A new direction of the development of surface materialogy is shown in the production of alloyed welding and surfacing materials that provide high performance properties of product surfaces. A setup for studying wear resistance under rolling friction with slippage is shown, which allows simulating the hot rolling process at temperatures in the range from 600 to 1000C.
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Объект №24	
Заголовок	THE COMPUTER MODEL FOR SHRINKAGE DEFECTS PREDICTING DURING INJECTION MOLDING OF THERMOPLASTICS
Аннотация	In this paper, we have considered the computer model for the study of shrinkage phenomena occurring in the castings made of thermoplastic material obtained by molding under pressure, witch is cooled in a steel mold. Using this model, the best method was chosen for producing castings for injection molding machines without shrinkage defects
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