

Scientific research of the SCO countries: synergy and integration

October 29, 2019. Part 1

Поле	Значение
Объект №1	
Заголовок	CURRENT PROBLEMS OF HOUSING SELF-GOVERNMENT DEVELOPMENT IN MODERN RUSSIA
Аннотация	The article is devoted to the analysis of Russian specifics and the problems of the formation and development of housing selfgovernment, such as: competition between the commercial and nonprofit housing management sectors the lack of traditions and skills of managing private property among the Russian population poor formation of the social capital of residents in apartment buildings mixed ownership of housing in one house the optional participation of residents of apartment buildings in associations of homeowners differentiated system of state support for housing associations. These findings served as the basis for setting priorities for motivating the owners of premises of an apartment building in creating partnerships for homeowners: infrastructure support for the activities of property owners in the housing sector mass advocacy.
Автор 1	Gavrilenko, I.G.
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Объект №2

Заголовок	LABOR EFFICIENCY EVALUATION IN VOLUNTARY NONPROFIT ORGANIZATIONS
Аннотация	With the development of the activities of voluntary nonprofit organizations in Russia, an urgent problem for the economy is the analysis and assessment of the effectiveness of labor resources at different levels of management. In this paper, we consider a theoretical example of assessing the labor potential of volunteer activities of nonprofit organizations/associations/squad based on available indicators of the base of the main informative system Volunteers of Russia.
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Автор 2	Basova, L.N.
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Объект №3	
Заголовок	AFFILIATION (CONNECTEDNESS) OF LEGAL ENTITIES AND INDIVIDUALS, ITS PLACE AND ROLE IN INSOLVENCY (BANKRUPTCY) PROCEDURES IN THE RUSSIAN FEDERATION
Аннотация	Affiliation is a legal category that determines the phenomenon of existing legal relations and interdependencies in the totality of legal entities and individuals, when these relationships affect the legal capacity of the subject (s). Modern realities of complication of social and economic relations, their going beyond one jurisdiction give rise to the need to rethink these relations, and the creation of adequate legal regulation of these relations refers to the need for their deep theoretical study. Increasingly, affiliation is the subject of study and legal evaluation in insolvency (bankruptcy) cases. In the framework of this article, it is proposed to make theoretical and practical understanding of this legal category, its place and role in the modern theory of law by means of historicalgenetic, legaldogmatic (formaldogmatic), hermeneutical and synergetic methods.
Автор 1	Krivtsun, E.P.

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Объект №4

Заголовок	CIVIL SOCIETY RESPONSIBILITY FOR CRIME
Аннотация	The primacy of civil society in relation to the state is proved, the difficulties of its development and the formation of its participation in the fight against crime are shown. The role and importance of various organizations in this are analyzed.
Автор 1	Panchenko, P.N.
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Объект №5

Заголовок	THE OVERALL CONFIGURATION OF THE RUSSIAN LEGISLATION AND PLACE IN IT THE LAWS ON CRIMES AND PUNISHMENTS
Аннотация	The directions of the development of legislation on crimes and punishments are analyzed, its place, role and significance in the system of legislation as a whole, its relationship with other industries, and prospects for their simultaneous development are shown.
Автор 1	Panchenko, P.N.
Место работы автора 1	Volga branch of Russian State University of Justice Supreme Court of the Russian Federation
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Объект №6

Заголовок	CLIL AS A METHODOLOGY FOR UPDATING INTERDISCIPLINARY COMMUNICATIONS IN A PEDAGOGICAL UNIVERSITY
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Аннотация	The article discusses the possibilities of using CLIL (Content and Language Integrated Learning) a subjectlanguage integrated teaching of a pedagogical university students. The authors analyzed the experience of using the CLIL methodology both in Russia and abroad, examined the main integrative components of the CLIL methodology, and highlighted the main advantages of interdisciplinary connections as the basis of didactic integration in bilingual education.
Автор 1	Dolzhenko, S.G.
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Объект №7	
Заголовок	TEXT INTERACTION IN SCIENCE

Аннотация	The article deals with text interaction in academic discourse and identifies groups of precedent texts that have high semantic volume and minimal formal capacity, since they are the summarized result of the content of source texts. The research relevance is determined by the interest in the mechanisms involved in knowledge building. The paper presents types of scientific precedent texts that serve to promote and build knowledge. The findings can be used in development of linguistics and in the practice of language teaching.
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Объект №8	
Заголовок	STRUCTURAL AND SEMANTIC PECULIARITIES OF NICKNAMES CREATED BY THE USA PRESIDENT DONALD TRUMP

Аннотация	The article is devoted to the study of structural and semantic peculiarities as well as evaluative potential of nicknames created Donald Trump, President of the USA, and the role these nominations play in political discourse. Nicknames, given by President of the USA D. Trump to his political opponents and some overseas political leaders, are classified according to their semantic features into three thematic groups: THE STUPID, THE DISHONEST, THE UNIMPORTANT. The double effect of using nicknames in the language of politics is also revealed in the article.
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Объект №9	
Заголовок	A STUDY OF THE CHARACTERISTICS OF THINKING IN ADOLESCENTS STUDYING CHINESE AS A FOREIGN LANGUAGE

Аннотация	The article is devoted to the study of the impact of studying Chinese as a foreign language on the development of the thinking process. The results of this study and the corresponding conclusions are presented. The differences in thinking of adolescents studying the Chinese language are revealed in comparison with adolescents not studying the Chinese language. A higher speed of mental operations, increased productivity of associations, as well as an accelerated process of understanding the meaning of the text are revealed. It is shown that the study of the Chinese language enhances the intensity of the development of cognitive processes.
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Объект №10	
Заголовок	CHANGES OF THE RUSSIAN OFFICER'S LIVES IN CONTEXT OF THE ARMY DESTRUCTION IN 1917

Аннотация	<p>In this article, the author considers the problem of changes in the life of Russian officers through the prism of the death of the army under the onslaught of the events of the First World War and the beginning of the Great Russian Revolution. At that time, the foundations learned in the process of training and education, which formed the life world of the professional military, underwent consistent destruction. The inconsistency of the formed notions of military service with reality in the form of the destruction of a strict hierarchy in submission and discipline in the army, the fall of the monarchical regime, the growth of political consciousness of the soldiers in the absence of such among the officers led to crisis phenomena in the whole system. They appeared in relation to the state itself, the Russian Empire, its once strongest support the Russian army, also in relation to the entire officer corps</p>
Автор 1	Dirivyankina, M.S.
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Заголовок	SOVIET-ERA SMASH HIT MOVIES: VARIETY OF SUBGENRES, SOURCES OF POPULAR LOVE AND PRESENT-DAY RECEPTION BY RUSSIAN AND CHINESE AUDIENCES
Аннотация	Popular love may not guarantee high artistic quality but of a movie but it is a definitive evidence of that movies major role as a phenomenon of its national culture, a medium of important features of its cultural context. Sovietera smash hit movies, having attracted millions of viewers, are mostly interpreted within sociopolitical research framework whereas understanding their cultural significance and classical quality is still subpar. Researching origins of their popular love may lead to better understanding of Russian culture specificity for foreign learners. The given research is aimed at explaining the phenomenon of Sovietera popular cinema and its presentday significance to Chinese students.
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Заголовок	OPTIMIZATION OF THE TREATMENT OF OFTEN AND LONG-TERM SICK TEENAGE GIRLS WITH MENSTRUAL IRREGULARITIES IN THE PRESENCE OF UNDIFFERENTIATED CONNECTIVE TISSUE DYSPLASIA
Аннотация	Often and longterm sick teenage girls with menstrual irregularities in the presence of undifferentiated connective tissue dysplasia syndrome form an increased risk group for impaired somatic, mental and reproductive health. The article discusses the results of optimizing the treatment of often and longterm sick teenage girls with menstrual irregularities, if they have the syndrome of undifferentiated connective tissue dysplasia. Under the influence of the course of rehabilitation in adolescent girls, a significant improvement in health was noted in 77.6, without changes in 12.4. Psychodiagnostic studies revealed in adolescent girls with menstrual irregularities, in the presence of syndrome of undifferentiated connective tissue dysplasia, asthenic reactions in 24.4, high anxiety in 33.3, emotional lability in 17.8 sleep disturbance in 15.5. Comprehensive optimization of therapy will help maintain reproductive potential, somatic and mental health.
Автор 1	Makhmutov, R.F.
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Объект №13	
Заголовок	VARIABILITY OF GROUP GROWTH AND THE BIOMASS OF THE GENERATIONS OF AMUR WHITE BREAM PARABRAMIS PEKINENSIS (BASILEWSKY, 1855)
Аннотация	In the period from 1961 to 2016, the growth of the Amur white bream <i>Parabramis pekinensis</i> , which lives in the Amur River near the village of Nizhneleninsky, was investigated. It was determined that the growth rates of breams of different generations of the same population are different. The reason for the intrapopulation variability of the growth of generations is the water temperature in the spring and autumn months. The earlier spring comes and the water in the Amur River warms up and the longer the high temperature of the water is maintained in the summerautumn period, the larger the fish grows by puberty and the greater is the maximum biomass of generation.
Автор 1	Semenchenko, N.N.
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Объект №14	
Заголовок	THE FIRST FINDING OF THE GAR <i>Atractosteus spatula</i> (LACEPÈDE 1803) (ACTINOPTERYGII, LEPISTOSTEIFORMES, LEPISTOSTEIDAE) IN THE AMUR RIVER
Аннотация	Report on the first capture of the Mississippi carapace <i>Atractosteus spatula</i> (Lacepede 1803) (Actinopterygii, Lepisosteiformes, Lepisostedae) in the Amur River near the city of Khabarovsk. The morphological characteristic of the Mississippian shell of the Amur River is given for 40 plastic and 21 meristic characters. Characteristics of the genus and species are given.
Автор 1	Ostrovskaya, E.V.
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Объект №15	
Заголовок	THE USE OF CELL THERAPY FOR THYMIC INVOLUTION IN C57BL/6 MICE WITH INDUCED DIABETES MELLITUS
Аннотация	Stem cells are able to perform restorative functions in various pathological conditions of the body therefore, cell therapy (stem cell transplantation) can be a potential alternative to some existing treatment methods, such as organ transplantation. The purpose of this study was to conduct a comparative analysis of the migration activity of a population of bone marrow cells in lymphoid and nonlymphoid organs on a model of experimental type 1 diabetes mellitus. Migration, distribution and accumulation of an undivided population of bone marrow cells in the thymus of recipients with diabetes mellitus, assessment of the effect of the transplant on age-related changes in the thymus. It has been established that an undivided population of bone marrow stem cells not only migrates, distributes and accumulates in the thymus, but also affects its physiological involution.
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Объект №16	
Заголовок	STUDY OF GROUND BEHAVIOR IN THE FROZEN/THAWED GROUND SYSTEM IN SEISMICALLY ACTIVE REGIONS OF SIBERIA
Аннотация	The article provides an overview of seismic wave velocity data for soil complexes during design and engineering research in permafrost development regions. The possibility of forming a generalized basis for the influence of changes in the surface layers of frozen and thawed soils on the intensity of seismic signals from strong earthquakes is considered.
Автор 1	Serebrennikov, S.P.

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Объект №17	
Заголовок	PRODUCTION OF PROTEIN-AMINO ACID FOOD INGREDIENTS ON THE BASIS OF BAKER'S YEAST ENZYMES
Аннотация	Based on the developed principles of directional biocatalytic destruction of microbial biomass, enzyme systems for the hydrolysis of subcellular structures of bakers yeast <i>Saccharomyces cerevisiae</i> were selected. An enzymatic complex for the conversion of yeast biomass was selected and an algorithm for producing new food ingredients was developed.
Автор 1	Sokolova, E.N.
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Автор 2	Fursova, N.A.

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Объект №18

Заголовок	CHINESE ANTENNAS - "CLOVERS" OF CIRCULAR POLARIZATION IN WINNING TECHNICAL SOLUTIONS
Аннотация	In the article, presented by the results of research on the use of circular polarization in the field of creating promising isotropic clover antenna devices, more than half a century of stagnation of improving clovers has been destroyed. New scientific and applied directions for the development of circular polarized isotropic antennas were developed on the basis of the clover antenna, while confirming the created competitive innovative technical solutions with higher electrical, technological and operational parameters, use of computer simulation.

Автор 1	Milkin, V.I.
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Объект №19	
Заголовок	UNIFIED MODELING LANGUAGE TO SOLVE THE PROBLEMS OF INVESTIGATION OF THE VOLGA RIVER BED

Аннотация	The authors are exploring the possibility of using highperformance information technology processors for planning and building reliable special machines for researching the river bed. The world practice of the modern creation of special machines is built on classical methods obtained in the last century. Most of these methods are computerized and automated, but they do not have a common organizational component. The development of a general methodology for calculating the search base from the data of wellknown road technology in a scientific article was obtained using the modern objectoriented language Unified Modeling Language and the use of the IBM Rational Rose Enterprise product.
Автор 1	Kuklina, I.G.
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Объект №20	
Заголовок	BIOPECTIN - A NATURAL BACTERIOSTATIC AGENT

Аннотация	<p>The protective and prophylactic properties of pectin substances are actively used today in the treatment of various diseases of the gastrointestinal tract, metabolic system and cardiovascular system. The development and creation of innovative technologies for the production of pectin, the search for new alternative types of pectin-containing raw materials are relevant. One of the promising areas of research on pectin is the production of pectin from plant sources using enzymes, biopectin. This article is devoted to the study of organoleptic, biochemical, physicochemical and sanitary-microbiological indicators of pectins obtained by the enzymatic method from blackcurrant, citrus and apple squeezes, zucchini, carrots and pumpkins, as well as the study of the bacteriostatic ability of biopectins. According to the results of all studies, it was found that all biopectins, regardless of the source of their extraction, exhibit bacteriostatic properties. The bacteriostatic ability of biopectins serves as the basis for the development and creation of food products with therapeutic and prophylactic properties.</p>
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Объект №21

Заголовок	SCIENTIFIC AND PRACTICAL BASIS FOR THE USE OF HERBAL EXTRACTS IN THE TECHNOLOGY OF HAIR CARE PRODUCTS
Аннотация	<p>Derivatives of anthracene are specific biologically active substances of certain plants. They have a wide range of physiological actions. That is why the subject of this article is the study of the possibility of using these substances in cosmetics. Buckthorn bark, St. Johns wort grass and rhubarb root were used as objects of study. A qualitative analysis was carried out for the presence of phenolic substances: anthracene derivatives, tannins and flavonoids. Positive reactions were obtained that made it possible to judge the chemical structure of the active substances. Quantitative results showed that the highest content of anthracene compounds (5.33 in terms of istisine) and tannins (12, 57 in terms of tannin) is in the root of rhubarb. The highest content of flavonoids (6, 28 in terms of rutin) in St. Johns wort grass. The work also established the optimal extraction parameters, providing the greatest yield of the main active substances. Four shampoo formulations were developed: sample 1 shampoo with buckthorn bark extract, sample 2 with St. Johns wort herb extract, sample 3 with rhubarb root extract, sample 4 (control) without adding extracts. According to the test results, shampoo with rhubarb root extract became the best. Qualitative indicators of shampoo with rhubarb extract comply with the requirements of regulatory documents.</p>
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Объект №22	
Заголовок	POLYMER COMPOSITE MATERIAL FOR FOOD INDUSTRY

Аннотация	<p>Polymers are increasingly crowding out familiar materials such as wood, metals, and natural fibers. The reason for this is a number of advantages of polymer materials over classic ones: increased chemical resistance to aggressive environments, high strength indicators, and durability in the operation of products. It should be noted that polymeric materials are also actively used in the food industry. The use of polymer packaging is reaching global proportions. Improving production technologies and formulations allows you to create new polymer composites with improved properties, which gives the rapid growth of the polymer industry. In order to impart the necessary properties, fillers are introduced into the polymeric material. By introducing such additives into the polymer, it is possible to control the properties of the material obtained, for example, viscosity, density, transparency, bactericidal and other important properties. The article considers the influence of shungite on the operational properties of the finished composite based on low pressure polyethylene. The research results showed that the composite obtained provides the highest characteristics with respect to light reflection and absorption for all wavelength regions that are important during operation, has bactericidal properties, and it has been proved that in the shungite-filled polymer, a shift in the temperature of the onset of thermal degradation towards higher temperatures is observed. The composite acquires higher operational and physico-mechanical properties.</p>
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