

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

March 18, 2020. Part 2

Поле	Значение
Объект №1	
Заголовок	CRITERIA FOR EVALUATING ECONOMIC EFFICIENCY OF INNOVATIVE ENERGY-SAVING PROJECTS IN ENERGY SECTOR
Аннотация	An article presents theoretical provisions and practical examples of use energy-saving technologies in Russian energy companies on different levels and territories. The authors presented assessment criteria for evaluate effectiveness of energy-saving measures. The article contains examples and practical situations when the results of evaluation are strategically important for the energy industry and the Russian economy as a whole.
Автор 1	Pyataeva, O.A.
Место работы автора 1	Russian state Academy of intellectual property
Автор 2	Sharnopolsky, B.P.
Место работы автора 2	Russian state Academy of intellectual property
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Объект №2	
Заголовок	INNOVATION MANAGEMENT: ESSENCE, CONTENT, CLASSIFICATION, MODELS
Аннотация	According to the Organization for Economic Cooperation and Development (OECD), large companies are the flagships of R&D in almost all countries of the world. In developed countries (USA, UK, Germany, Japan and Finland) more than 70 of R&D expenses are made by large corporations. In the world economic literature, innovation (in the broad sense of the word) is characterized as the transformation of possible scientific and technological progress into new products and services. So, B. Twiss 10 characterizes innovation as a process where an invention or an idea acquires a certain economic content. The current global innovation market exceeds 2 trillion. US dollars, of which the US share is 39, Japan - 30, Germany - 16, etc.
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Объект №3	
Заголовок	INTELLECTUAL PROPERTY IN THE NATIONAL INNOVATION SYSTEM
Аннотация	Authors analyze the multidimensional aspects of creation intellectual property objects, such as transfer, distribution and use of relevant rights. They defined a key role of intellectual property in Russian economy and its modernization, highlighted key management tasks that need to be solved first of all. As a result of review options for the practical implementation of scientific and technical potential for solving economic and social problems are presented.
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Объект №4	
Заголовок	EVALUATING EFFECTIVENESS OF INVESTMENT PROJECTS USING PROTECTED (INTELLECTUAL PROPERTY) AND NON-PROTECTED INNOVATIONS FOR ENERGY COMPANIES
Аннотация	The article provides an overview of the current state of the energy industry, the relevance of the use of innovative technologies in energy enterprises. The classification of innovations according to the criterion of protection capacity is given, the advantages of using protected innovations in comparison with unprotected ones are highlighted. The method of evaluating the comparative effectiveness of investment projects using protected (intellectual property) and non-protected innovations for energy industry enterprises is presented.
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Объект №5	
Заголовок	PEDAGOGICAL CONDITIONS FOR FORMING AUDIO ANALYTIC-SYNTHETIC ACTIVITY AS A BACKGROUND TO TEACHING THE LITERACY OF CHILDREN OF PRESCHOOL AGE
Аннотация	The article presents the results of a study on the use of various forms of increasing the professional competence of teachers, parents of a preschool educational organization on the speech development of preschool children, and considers a system of working with children aimed at developing sound analytical and synthetic activity of older preschool children. The technologies of effective methodological support of teachers and forms of work with parents in the conditions of the Federal State Educational Standard are determined. The mechanisms of formation of sound analytic - synthetic activity and the methods of organizing effective speech interaction in modern preschool education are studied
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Объект №6	
Заголовок	PROFESSIONAL TRAINING OF MARINE INDUSTRY COMPETITIVE SPECIALIST IN THE EDUCATIONAL SPACE OF UNIVERSITY
Аннотация	The article discusses the improvement of the training system for specialists in the marine industry, the formation of a competitive specialist from the position of a competency-based approach.
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Объект №7	
Заголовок	DESIGNING A PHYSICAL EDUCATION LESSON TAKING INTO ACCOUNT THE GENDER CHARACTERISTICS OF SCHOOLCHILDREN
Аннотация	The article presents the results of a study whose goal was to design a physical education lesson taking into account the gender characteristics of schoolchildren, which is based on the main provisions of the tender approach. The results obtained during the pedagogical experiment and interpreted through careful analysis clearly demonstrate the significant advantages of such an organization of physical exercises. The study showed the importance of updating the gender roles of schoolchildren, which necessitates the creation of special conditions for the organization of lessons in physical education in a general educational institution. In addition to the aforementioned, this article presents specific results obtained during the implementation of a pedagogical experiment aimed at the development of motor creativity in schoolchildren while organizing the educational process based on the gender characteristics of students.
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Объект №8	
Заголовок	MEDIA-EDUCATIONAL ACTIVITIES OF RUSSIAN JUVENILE MEDIA (ON THE EXAMPLE OF THE CHILDREN'S AND YOUTH NEWSPAPER "SAMI", BARNAIL)

Аннотация	The article raises the problem of increasing the level of media competence of schoolchildren, examines the experience of media educational activities of juvenile media. The educational activity of the editorial office of the childrens and youth newspaper SAMI (Barnaul) on the use of multimedia formats for presenting information in schoolchildrens media is described.
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Объект №9	
Заголовок	PUBLIC OPINION OF THE POPULATION OF THE NOVOMOSKOVSK ADMINISTRATIVE DISTRICT ON THE ACTIVITIES OF MULTIFUNCTIONAL CENTERS FOR THE PROVISION OF PUBLIC SERVICES

Аннотация	The official provision of state and municipal services contributes to meeting the needs of the population and has a positive impact on the nature of socio-economic relations in the country. Since 2007, in the interest of optimizing this process, the country organized the activities of multifunctional centers (MFCs) to provide citizens with public services on a one-stop-shop basis. Over the past 13 years, considerable experience has been accumulated in their work. At the same time, the study of public opinion helped to identify shortcomings and formulate proposals for improving the process of providing state and municipal services to the population.
Автор 1	Kirillov, V.P.
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Объект №10	
Заголовок	ABOUT CULTURE, UPBRINGING, EDUCATION

Аннотация	<p>The article states that the capitalization of public life has diminished the role of culture, upbringing, education, determined their practical orientation on participation in market relations, on the formation of consumer attitudes. This orientation in education stimulates the lower mind, aims at preparing young people for competitive, successful, career activities, for doing business, the ability to earn and count money. Financial literacy is of particular importance. As a result, what is called knowledge today is nothing more than a combination of facts, it is half-knowledge. At different levels, it is argued that the further development of Russia requires large-scale transformations. But their implementation is impossible without changing the attitude to the national culture, to the acquisition of knowledge, upbringing, designed to encourage to serve his people, to do good deeds. They are associated with the formation, development, improvement of people who are to carry out these transformations.</p>
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Объект №11	
Заголовок	DYNAMICS OF IL-4 AND IL-8 IN THE SERUM OF PATIENTS WITH CHRONIC GASTRITIS AND PEPTIC ULCER OF THE STOMACH AND DUODENUM1
Аннотация	<p><i>H. pylori</i> infection (Hp) is characterized by local inflammation of the gastric mucosa, its infiltration by neutrophils and specific lymphocytes, and an increase in the production of immunoregulatory cytokines. Among them, the most important regulatory cytokine, which plays a predominantly anti-inflammatory role in a huge number of immune and non-immune functions, is IL-4. IL-8 is a powerful angiogenic factor and chemoattractant its presence in the circulation can have a systemic pro-inflammatory effect on the body. In <i>H. pylori</i> infection, these interleukins are not well understood. The purpose of the work was to identify serum levels of IL-4 and IL-8 in patients with chronic gastritis and peptic ulcer of the stomach and duodenum. A total of 95 patients were examined who were hospitalized in the gastroenterological department with a diagnosis of chronic active gastritis (CAG) and 42 with a diagnosis of peptic ulcer (PU).</p>
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Объект №12	
Заголовок	HEMODYNAMIC PARAMETERS IN THE COMPONENTS OF THE HIP JOINT IN PERTHES DISEASE
Аннотация	The purpose of this study was to determine the parameters of pulse blood supply in the intraosseous and paraossal tissues of the components of the hip joint in Perthes disease. Using electrode-needles and rheovasography, pulse blood supply was recorded for the paraossal and intraosseous tissues of the roof of the acetabulum and the proximal femur. The parameters of the pulse wave of blood supply in the patient population, characteristic of the disease, were determined to identify deviations associated with a particular variant of bone pathology.
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Автор 2	Teplenky, M.P.
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Объект №13	
Заголовок	PREVALENCE OF CHRONIC TONSILLITIS AND PECULIARITIES OF ITS CLINICAL CURRENT IN RESIDENTS OF THE TYUMEN REGION

Аннотация	<p>The article presents the prevalence of chronic tonsillitis (CT) in children, adolescents and adults in the northern region of Russia (Tyumen region) over the past 4 years (2015-2018). It was shown that in all studied groups the incidence of chemotherapy is 3 times higher in children and 2 times higher in adolescents in the national districts of the region. The incidence among adults throughout the region varies in the same numbers. An analysis of 106 outpatient charts of patients with chemotherapy revealed that only 20.8 of patients had a history of previously experienced sore throats, more often patients were concerned about discharge from lacunar plugs with an unpleasant odor (64.2) and discomfort in the throat with prolonged subfebrile condition (83, 3 and 87.7, respectively). In 21.7 of patients, a recurrent paratonsillar abscess was verified without a history of angina.</p>
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<p>Объект №14</p>	

Заголовок	EVALUATION OF THE EFFICIENCY OF BISHOF-PLUS POLYMINERAL COMPOSITION IN CORRECTION OF MAGNESIUM, ZINC, IRON AND COPPER DEFICIENCY IN RATS WITH STREPTOZOTOCIN DIABETES
Аннотация	In experiments on rats, males modeled the pathology of diabetes with a single intravenous injection of streptozotocin at a dose of 50 mg/kg. The development of persistent pathology (significant increase in glucose in blood plasma with the accompanying deterioration of the general condition, suppression of behavioral reactions, decrease in magnesium in the blood and red blood cells and the development of polyslipicity) was observed in rats after 4 weeks. Course 6-week intragastric introduction of these rats polymineral composition bishof-plus did not affect blood plasma glucose levels, but at the same time clearly contributed to the decrease in the dynamics of polysexizos: improved the overall condition of animals, behavioral reactions, leveled hypomagnesemia in the blood and organs of animals, as well as the content of other biometals in organs and tissues.
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Объект №15	
Заголовок	TO THE STUDY OF THERMAL CONDUCTIVITY IN SOLUTIONS OF INDIVIDUAL AND MIXED ELECTROLYTES
Аннотация	A theoretical model for estimating the thermal conductivity is presented as part of the plasma-hydrodynamic concept of aqueous electrolyte solutions. The presented model allows you to get the values of the thermal conductivity coefficient of individual electrolytes and their mixtures in a wide range of concentrations and temperatures.
Автор 1	Tanganov, B.B.
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Объект №16	
Заголовок	THE EFFECT OF THE DISTILLATION METHOD ON THE COMPOSITION OF ESSENTIAL OILS OF POPLAR BUDS
Аннотация	Experimental studies have been carried out to obtain essential oil from balsamic poplar buds using a small-sized plant, the quality of the products obtained is estimated depending on the method of oil distillation.
Автор 1	Isaeva, E.V.
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Объект №17	
Заголовок	CULTIVATION OF SPRING VETCH FOR SEEDS AND GRAIN FODDER IN MIXED CROPS WITH RAPESEED AND MUSTARD
Аннотация	Purpose of the study - is the investigation of the effect of the method of growing mowing and grain feed varieties of spring vetch in mixed crops with spring rapeseed on seed yield, yield structure, sowing quality of seeds.
Автор 1	Bezgodov, A.V.
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Объект №18	
Заголовок	ANALYSIS OF SOME CHANGES IN THE STATE OF THE LAND FUND AND THE FUNDAMENTALS OF ECOLOGICALLY SUSTAINABLE LAND USE IN A REGIONAL CONTEXT
Аннотация	<p>The analysis of the dynamics of agricultural land in the Russian Federation and the Rostov region. The condition of soil fertility of the region and the factors affecting its decline are analyzed. I would like to note that the agro-industrial complex is one of the main sectors of the national economy of the Rostov region. On its territory are the richest resources of agricultural land and the most fertile soils - chernozems, thanks to which the region occupies a leading position in terms of agricultural production. The article also discusses the formation of a sustainable environmental and economic mechanism of land use in the development of market relations. At present, more than ever, there are difficulties in integrating economic and environmental issues. Efficient agricultural production in unity with protecting the environment can be achieved by implementing the concept of environmentally and economically sound, or integrated agriculture, that is, integrated land use.</p>
Автор 1	Dolmatova, L.G.

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