

ISSN 2658-6649

Siberian Journal of Life Sciences and Agriculture

www.discover-journal.ru



Название статьи	Стр.
СТАТЬИ	
REGULATION OF THE PROCESS OF SOCIAL REPRODUCTION OF RURAL TERRITORIES UNDER DEPOPULATION CONDITIONS <i>Khripkova Dianna V., Khripkov Kirill A., Vangorodskaya Svetlana A., Gaydukova Galina N.</i>	11-32
ASSESSMENT OF ANTHROPOGENIC LOAD BY THE LEVEL OF FLUCTUATING ASYMMETRY OF BETULA PENDULA LEAVES (USING THE EXAMPLE OF THE DON STATE TECHNICAL UNIVERSITY TRAINING AND EXPERIMENTAL SITE) <i>Kozyrev Denis A., Moon Elizaveta A., Dubnitskaya Polina A., Ligacheva Victoria S., Odabashyan Mary Yu., Eroshenko Arina A., Gordiets Olga V.</i>	33-47
ВЛИЯНИЕ ПРОБИОТИКОВ В СОСТАВЕ КОРМА НА РЫБОВОДНО-БИОЛОГИЧЕСКИЕ ПОКАЗАТЕЛИ ФОРЕЛИ ONCORHYNCHUS MYKISS (WALBAUM, 1792) В ПЕРИОД РАННЕГО ОНТОГЕНЕЗА <i>Рудой Дмитрий Владимирович, Ольшевская Анастасия Владимировна, Шевченко Виктория Николаевна, Мальцева Татьяна Александровна, Козырев Денис Андреевич, Мазанко Мария Сергеевна</i>	48-65
MODULAR ROBOTIC PLATFORM FOR AN AUTOMATED SOIL MONITORING SYSTEM <i>Popryadukhin Vadim S., Cherkun Vitaliy V., Milko Dmitry A., Parakhin Aleksandr A., Narykov Anton E.</i>	66-80
EFFECT OF TGF AND VEGF PROTEINS ON PRENATAL DISEASES OF CALVES: CORRELATION ANALYSIS UNDER COMPLICATED PREGNANCY CONDITIONS IN COWS <i>Samoylenko Victor S., Lapina Anastasia A., Zhivoderova Anastasia I., Pushkin Sergey V., Svetlakova Elena V.</i>	81-94
THE INFLUENCE OF DEUTERIUM-DEPLETED WATER LARSEN D100 ON SEED GERMINATION PARAMETERS IN CEREAL, OILSEED, AND LEGUME CROPS <i>Kozyrev Denis A., Polyakov Andrey G., Odabashyan Mary Yu., Olshevskaya Anastasiya V., Eroshenko Arina A., Savenkov Dmitry N., Kulikova Natalia A.</i>	95-111
INFLUENCE OF STRESS FACTORS ON CRUSTACEAN GENE EXPRESSION <i>Kovalchuk Daniil Yu., Sarkisyan Diana S., Cholutaeva Enkrina E., Shevchenko Victoria N.</i>	112-132
INCREASE THE YIELD OF INDUSTRIAL CROPS DUE TO BIONUTRIENTS <i>Shirokov Yuriy A., Abramov Maxim V., Denisov Danil N.</i>	133-148
ACCELERATED DEVELOPMENT OF RICE POPULATIONS USING ANTHER CULTURE IN VITRO METHOD <i>Savenko Elena G., Glazyrina Valentina A., Shundrina Ludmila A., Mukhina Zhanna M., Esaulova Lyubov V.</i>	149-164
REPRODUCTIVE QUALITIES OF BOARS IN THE ASSESSMENT OF ADAPTIVE CAPABILITIES WHEN USING INTRODUCTORY CROSSBREEDING OF DIFFERENT VARIANTS <i>Garskaya Natalia A., Tresnitsky Sergey N., Rudenko Andrey A., Zelenkova Galina A., Kochetkova Anastasia Yu.</i>	165-182
RHEOLOGY OF HETEROGENEOUS FOOD SYSTEMS ON THE BASIS OF BIOPOLYMERS <i>Sokolov Alexander Yu., Shishkina Dar'ya I., Shepotkina Olga G.</i>	183-199
FORMATION OF POPULAR RURAL TOURISM PRODUCTS FOR STUDENT GROUPS <i>Miroshnichenko Alisa V., Kazmina Lyudmila N., Makarenko Vadim S.</i>	200-214
PROBLEMS OF INTRODUCING INNOVATIONS INTO AGRICULTURAL PRODUCTION <i>Grechenkova Oksana Yu.</i>	215-224
BACTERIOCINS FOR AGRICULTURE AND AQUACULTURE <i>Meskhi Besarion Ch., Rudoy Dmitry V., Olshevskaya Anastasiya V., Kozyrev Denis A., Shevchenko Victoria N., Odabashyan Mary Yu., Teplyakova Svetlana V., Dzhedirov Dmitry A.</i>	225-256
ANALYSIS OF THE EFFECTIVENESS OF COAGULANTS IN WATER TREATMENT <i>Shelest Sergey N., Trotsenko Irina A., Korchevskaya Yulia V.</i>	257-274
DETERMINING THE EFFECTIVENESS OF FUNCTIONAL ZONING: RIGHTS AND OBLIGATIONS OF LAND RELATIONS PARTICIPANTS, AND PLANNING AND IMPROVEMENT REQUIREMENTS FOR SETTLEMENT AREAS <i>Ovchinnikova Natalya G., Vinokurova Natalia V., Petrova Irina A.</i>	275-295
MICROBIOLOGICAL STUDY OF WOUNDS AND LARGE INTESTINE OF STURGEONS USING β -CYCLODEXTRIN COMPLEX WITH LEVOFLOXACIN <i>Poddubnaya Irina V., Uryadova Galina T., Zimens Yulia N., Zlotnikov Igor D., Kudryashova Elena V.</i>	296-312
COMPREHENSIVE MONITORING AND PREDICTION OF PRENATAL DISORDERS IN CALVES BORN FROM COWS WITH COMPLICATED PREGNANCY <i>Samoylenko Victor S., Lapina Anastasia A., Zhivoderova Anastasia I., Pushkin Sergey V., Svetlakova Elena V.</i>	313-327
ZOOPATHOGENIC ROLE OF MORAXELLACEAE AND CORYNEBACTERIACEAE BACTERIA IN MASTITIS IN RUMINANTS <i>Pimenov Nikolay V., Ivannikova Regina F., Pozyabin Sergey V.</i>	328-340
THE IMPACT OF AGRICULTURAL ACTIVITY ON SOIL PHYTOTOXICITY: THE CHOICE OF BIOINDICATORS <i>Dubnitskaya Polina A., Ligacheva Victoria S., Mun Elizaveta A., Polyakov Andrey G., Odabashyan Mary Yu.</i>	341-360
INTELLIGENT MODELS AND SUSTAINABILITY ASSESSMENT OF THE SECURITY SYSTEM OF AGRO-INDUSTRIAL ENTERPRISES <i>Dubrovina Angelina I.</i>	361-375
INFLUENCE OF POLISHING DEGREE ON TECHNOLOGICAL TRAITS OF GRAIN OF DIFFERENT RICE VARIETIES <i>Papulova Elina Yu., Tumanyan Natalya G., Chizhikova Svetlana S., Troyan Ruslan N., Kumeiko Tatyana B.</i>	376-392
EVALUATION OF QUALITY OF EXPERIMENTAL WHITE-GRAIN RICE POPULATIONS IN ACCELERATED BREEDING BY GRAIN SIZE AND VITREOSITY	393-413

<i>Tumanyan Natalya G., Papulova Elina Yu., Lalyan Liana M., Chizhikova Svetlana S., Kumeiko Tatyana B.</i>	
CORRELATION BETWEEN CARDIAC RHYTHM PARAMETERS AND CYTOKINE PROFILE LEVELS IN YOUNG CATTLE DURING EARLY NEONATAL ONTOGENESIS	414-
<i>Samoylenko Victor S., Lapina Anastasia A., Pushkin Sergey V., Onishchenko Artem R., Onishchenko Olga N.</i>	429
FEEDING SPECIFICS OF THE AUSTRALIAN RED CLAW CRAYFISH <i>CHERAX QUADRICARINATUS</i> (VON MARTENS, 1868) IN AQUACULTURE	430-
<i>Shevchenko Victoria N., Maltseva Tatyana A., Olshevskaya Anastasiya V., Odabashyan Mary Yu., Teplyakova Svetlana V., Mangasaryan Dzhuletta S., Cholutaeva Enkrina E.</i>	451
DETERMINATION OF THE LIMITING STATIC CLIMBING ANGLE OF A MODULAR POWER AND TECHNOLOGICAL VEHICLE	452-
<i>Lavrov Aleksandr V.</i>	462
THE INFLUENCE OF HEAT TREATMENT REGIMES ON THE MECHANICAL PROPERTIES OF UNSATURATED POLYESTER RESIN COMPOSITES REINFORCED WITH FIBERGLASS FOR AGRICULTURAL MACHINERY WORKING PARTS	463-
<i>Antypas Imad R.</i>	474
USE OF BIOTECHNOLOGICAL METHODS FOR ACCELERATED IMPROVEMENT OF KALMYK CATTLE	475-
<i>Chimidova Nadezhda V., Ubushieva Altana V., Bochkaeva Zanda V., Khakhlinov Arslang I., Ubushieva Victoria S.</i>	493
ЭКОЛОГО-БИОЛОГИЧЕСКИЕ ОСОБЕННОСТИ ВИДОВ РОДА <i>ACER</i> L., ПРОИЗРАСТАЮЩИХ ВДОЛЬ АВТОМАГИСТРАЛЕЙ	
<i>Корниенко Владимир Олегович, Шкиренко Алена Олеговна, Реуцкая Валерия Вячеславовна, Дждиров Дмитрий Александрович, Шевченко Виктория Николаевна, Одабашян Мэри Юрьевна, Теплякова Светлана Викторовна, Вершинина Анна Владимировна, Мангасарян Джульетта Славиковна</i>	494- 523
ESSENTIAL CHARACTERISTICS OF THE REGULATORY FRAMEWORK FOR MANAGING THE FORMATION OF A NEW TECHNOLOGICAL STRUCTURE IN AGRICULTURAL SECTOR	524-
<i>Kholodova Marina A., Kabanenko Mikhail N., Kholodov Oleg A., Zubareva Olga A., Muradova Safura Sh.</i>	542
SOFTWARE FOR MONITORING THE PRODUCTION PROCESS OF RICE AGROCENOSIS BASED ON A DATABASE	543-
<i>Garkusha Sergey V., Skazhennik Mikhail A., Kovalev Victor S., Chizhikov Vitaly N., Petrushin Alexey F., Pshenitsyna Tatiana S.</i>	560
IMMUNOLOGICAL STATUS OF HIGHLY PRODUCTIVE COWS WITH COMORBID OBSTETRIC-GYNECOLOGICAL AND ORTHOPEDIC PATHOLOGY	561-
<i>Lutsay Vladimir I., Rudenko Pavel A., Sibirtsev Vladimir D., Nefedov Anton M., Rudenko Andrei A.</i>	578
ТЯГОВЫЕ ПОКАЗАТЕЛИ ШИН РАЗЛИЧНОГО КОНСТРУКТИВНОГО ИСПОЛНЕНИЯ ДЛЯ КОМПЛЕКТАЦИИ ДВИЖИТЕЛЕЙ МОБИЛЬНЫХ ЭНЕРГЕТИЧЕСКИХ СРЕДСТВ ПЯТОГО КЛАССА ТЯГИ	579-
<i>Кравченко Владимир Алексеевич, Кравченко Людмила Владимировна, Меликов Иззет Мелукович, Гасанова Эльнара Саладиновна</i>	596
METHOD OF PROTECTION OF COASTAL LANDS OF THE KUDEPSTA RIVER IN CASE OF EMERGENCIES	597-
<i>Kravchenko Lyudmila V., Khadzhibi Anna E., Kolmychek Dmitry S.</i>	608
THE IMPACT OF TOTAL CAPITAL ON THE FINANCIAL STABILITY AND SOLVENCY OF AGRICULTURAL ENTERPRISES	609-
<i>Efremenko Innessa N., Butkova Oksana V.</i>	625
IRRIGATION OF SLOPE LANDS BY SUBSURFACE IRRIGATION METHOD USING A SIMULATOR OF HORIZONTAL WELLS	626-
<i>Kravchenko Lyudmila V., Lebedev Alexander S., Khadzhibi Anna E., Khashirova Tatiana Yu.</i>	638
DIGITAL MODELING IN THE STUDY OF AGRICULTURAL LAND DEGRADATION PROCESSES	639-
<i>Kravchenko Lyudmila V., Khadzhibi Anna E., Kurtnezirov Arsen N., Kilidi Kharlampiy I.</i>	651
IMMUNOMODULATORY FEED ADDITIVES FOR FARM ANIMALS AND FISH	652-
<i>Rudoy Dmitry V., Ponomareva Elena N., Mangasaryan Dzhuletta S., Maltseva Tatyana A.</i>	668
THE EFFECT OF A PROBIOTIC BASED ON <i>BACILLUS AMYLOLIQUEFACIENS</i> VKPM B-11475 ON THE COMPOSITION OF INTRAMUSCULAR FAT AND THE AMINO ACID COMPOSITION OF GOAT MEAT PROTEIN WAS STUDIED	669-
<i>Molyanova Galina V., Orlov Matvey M.</i>	686
STUDY OF THE EFFECT OF UV IRRADIATION OF SEED-BEARING WHEAT ON ENZYME ACTIVITY DURING GERMINATION	687-
<i>Tupolskikh Tatiana I., Eroshenko Arina A., Gucheva Natalya V., Doroshenko Valentina A., Gordeeva Nadezhda V., Fedorova Alla V.</i>	697
ALTERNATIVE METHODS OF DISEASE PREVENTION AND TREATMENT IN AQUACULTURE	
<i>Meskhki Besarion Ch., Djedirov Dmitry A., Rudoy Dmitry V., Shevchenko Victoria N., Golovko Lilia S., Olshevskaya Anastasiya V., Odabashyan Mary Yu., Prutskov Alexey S., Teplyakova Svetlana V.</i>	698- 715
STUDY OF METAL FOREIGN MATTERS IN STARTER COMPOUND FEEDS FOR AQUACULTURE	
<i>Starostin Dmitry V., Marchenko Sergey A., Martynuk Igor O., Olshevskaya Anastasiya V., Odabashyan Mary Yu., Mangasaryan Dzhuletta S., Kulikova Natalya A.</i>	716- 729
THE ROLE OF DIAGNOSTICS IN IMPROVING THE OBJECTIVITY OF ASSESSING THE TECHNICAL CONDITION OF AGRICULTURAL MACHINERY	730-
<i>Popov Sergei I., Dontsov Nikolay S., Rudoy Dmitry V., Olshevskaya Anastasiya V., Teplyakova Svetlana V., Prutskov Alexey S., Marchenko Julianna V.</i>	745
CLEANING METHOD OF WORKING VOLUMES OF HYDRAULIC CYLINDERS OF AGRICULTURAL MACHINES WITHOUT PRELIMINARY DISMANTLING	746-
<i>Popov Sergei I., Dontsov Nikolay S., Marchenko Julianna V., Rudoy Dmitry V., Olshevskaya Anastasiya V., Prutskov Alexey S., Teplyakova Svetlana V.</i>	761
JUSTIFICATION OF THE VIBRATION PLATE INSTALLATION TYPE OF THE HOPPER OF FERTILIZER APPLYING MACHINE	762-
<i>Nukeshev Sayakhat O., Tanbaev Khozhakeldi K., Moldazhanov Aidar K., Kabdulina Anara T.</i>	776
OPTIMIZATION OF THE STRUCTURE OF THE AGRICULTURAL MACHINERY REPAIR CYCLE IS CORRECT	777-
<i>Shapiro Evgeny A.</i>	790
ASSESSMENT OF THE GROWTH RATE OF JUVENILE AUSTRALIAN RED-CLAWED CRAYFISH <i>CHERAX QUADRICARINATUS</i> (VON MARTENS, 1868)	791-
	809

Kovalchuk Daniil Yu., Olshevskaya Anastasiya V., Shevchenko Victoria N., Sarkisyan Diana S., Cholutaeva Enkrina E., Teplyakova Svetlana V., Odabashyan Mary Yu., Dmitrienko Tatiana S.

PROSPECTS FOR THE DEVELOPMENT OF WINE TOURISM AS A KEY DIRECTION OF AGROTOURISM IN THE ROSTOV REGION 810-830
Kazmina Lyudmila N., Provotorina Valeria V., Makarenko Vadim S., Miroshnichenko Alisa V.

ОЦЕНКА РЫБОВОДНЫХ ПАРАМЕТРОВ СЕГОЛЕТКОВ ГИБРИДА F1 ACIPENSER GUELLENSTAEDTII BRANDT, 1833 × ACIPENSER BAERI BRANDT, 1869 ПРИ КРАТКОВРЕМЕННОМ ВВЕДЕНИИ В РАЦИОН ПРОБИОТИКОВ РАЗНОГО СПЕКТРА ДЕЙСТВИЯ 831-847
Рудой Дмитрий Владимирович, Корчунов Александр Александрович, Ольшевская Анастасия Владимировна, Шевченко Виктория Николаевна, Старцев Александр Вениаминович, Мальцева Татьяна Александровна, Мазанко Мария Сергеевна

СУБСТРАТЫ ДЛЯ ВЫДЕЛЕНИЯ БАКТЕРИОЦИНОВ: ОБЗОР 848-869
Дмитриенко Татьяна Сергеевна, Мальцева Татьяна Александровна, Шевченко Виктория Николаевна, Косолапова Екатерина Николаевна, Старостин Дмитрий Владимирович