UDK 37

ISSN 2545 – 4439 (printed)
ISSN 1857 - 923X (e-version)

INTERNATIONAL JOURNAL

Institute of Knowledge Management

KNOWLEDGE

Scientific Papers

Vol. 19.4

Medicine and Natural Sciences

KIJ Vol. 19 No. 4 pp. 1359 - 1778 Skopje 2017

KNOWLEDGE

KNOWLEDGE - INTERNATIONAL JOURNAL

SCIENTIFIC PAPERS

VOL 19.4

Promoted in Agia Triada, Greece

29.9-1.10.2017

INSTITUTE OF KNOWLEDGE MANAGEMENT

SKOPJE, MACEDONIA

KNOWLEDGE

International Journal Scientific papers Vol. 19.4

EDITORIAL BOARD

Vlado Kambovski PhD, Robert Dimitrovski PhD, Siniša Zarić PhD, Maria Kavdanska PhD, Venelin Terziev PhD, Mirjana Borota – Popovska PhD, Cezar Birzea PhD, Ljubomir Kekenovski PhD, Aleksandar Nikolovski PhD, Ivo Zupanovic, PhD, Savo Ashtalkoski PhD, Svetlana Trajković PhD, Zivota Radosavljević PhD, Laste Spasovski PhD, Mersad Mujevic PhD, Margarita Koleva PhD, Nonka Mateva PhD, Rositsa Chobanova PhD, Predrag Trajković PhD, Dzulijana Tomovska PhD, Nedzat Koraljić PhD, Nebojsha Pavlović PhD, Nikolina Ognenska PhD, Lisen Bashkurti PhD, Trajce Dojcinovski PhD, Jana Merdzanova PhD, Zoran Srzentić PhD, Nikolai Sashkov Cankov PhD, Marija Kostic PhD

Print: GRAFOPROM – Bitola

Editor: IKM – Skopje

For editor
Robert Dimitrovski, PhD

KNOWLEDGE

International Journal Scientific Papers Vol. 19.4

ISSN 1857-923X for e- version

ISSN 2545-4439 for printed version

KNOWLEDGE – International Journal
Vol. 19.4
September, 2017

Contents

APPROACHES TO INCREASE THE HEALTH MANAGER'S COMPETENCE TO RESOLVE CONFLICTS 1379
Nikola Georgiev 1379
Polina Balkanska 1379
EFFECTS OF ACUPUNCTURE TREATMENT IN REDUCING PAIN IN PATIENTS WITH TENNIS ELBOW 1385
Ljubica Jajaova 1385
Lence Nikolovska 1385
DISCUSSIONS ON LONG-TERM CARE IN BULGARIA - RESULTS OF THE FOCUS-GROUP STUDY 1391
Teodora Dimcheva 1391
Radost Assenova 1391
Gergana Foreva 1391
Nonka Mateva 1391
SENSITIVITY OF ECG SIGNS OF MYOCARDIAL SCARING – COMPARISON WITH MPI SPECT 1397
Aleksandra Servini 1397
Zaklina Servini 1397
CLIMATE THERAPY BY PATIENTS WITH OBESITY 1401
Rumyana Bahchevandzhieva 1401
CHOLELITHIASIS IN EAST AND SOUTHEAST REGION OF REPUBLIC OF MACEDONIA 1405
Gjorgji Shumanov 1405
Gordana Panova 1405
Marija Koteva 1405
ELECTROMYOGRAPHY OF THE MASSETER MUSCLE - A SYSTEMATIC REVIEW 1411
Mariana Dimova-Gabrovska 1411
DesislavaDimitrova 1411
DesislavaKonstantinova 1411
Ivan Gerdzhikov 1411
ASSESMENT OF THE EFFECTIVNESS OF TO PROGRAMS FOR REHABILITATION OF FR. RADII LOCO TIPICO 1417
Marija Upcheva 1417
IMPORTANCE OF PROBIOTICS FOR HUMAN HEALTH 1423
Vaso Taleski 1423
Kristina Trpceva 1423
Milka Zdravkovska 1423
Liljana Simjanovska 1423
METABOLIC SYNDROME AND NUTRITIONAL SUPPLEMENTS 1429
Vanya Pepelyasheva 1429
Stefan Harkov 1429
THE ROLE OF THERAPEUTIC EDUCATION IN REHABILITATION OF METABOLIC SYNDROME PATIENTS 1433

Daniela Taneva 1555
Angelina Kirkova-Bogdanova 1555
Radoslava Katsarska 1555
RESEARCH OF THE OPINION OF THE STUDENTS OF NURSING SPECIALTY IN REGARD TO THE STUDY OF SURGICAL CARE 1559
Anelia Chifligarska 1559
Makreta Draganova 1559
PROFESSIONAL STRESS ADAPTATION OF THE "NURSING" AND "MEDICAL REHABILITATION AND ERGOTHERAPY" STUDENTS IN "PROF. DR. ASEN ZLATAROV" UNIVERSITY-BURGAS, REPUBLIC OF BULGARIA 1565
Zlatina Lecheva 1565
Mimi Stoycheva 1565
Lora Georgieva 1565
THE ROLE OF ETHICAL CASES AND DISCUSSIONS AS PART OF STUDENTS' EDUCATION OF THE DISCIPLINE "HEALTH CARE MANAGEMENT" 1573
Maria Semerdjieva 1573
Desislava Bakova 1573
Vanina Mihaylova - Alakidi 1573
Dinka Negalova 1573
TRANSCULTURAL NURSING CARE 1577
Daniela Taneva 1577
Yordanka Tsokova 1577
Radoslava Katsarska 1577
Vanina Mihaylova 1577
ПРАВНО-НОРМАТИВНА БАЗА ЗА ОБУЧЕНИЕ, КАРИЕРНО РАЗВИТИЕ И РЕАЛИЗАЦИЯ ПО ЗДРАВНИТЕ ПРОФЕСИИ В БЪЛГАРИЯ 1581
Христина Милчева 1581
AIR - THERMAL OXIDATION OF COPPER 1585
Zagorka Koneska 1585
Dafinka Stoevska-Gogovska 1585
Ruzica Manojlovic 1585
SEPARATION OF Ni(II) IONS FROM AQUEOUS SOLUTION BY A NATURAL SORBENT-TREPEL 1591
Angelina Slaveski 1591
Martin Stojchevski 1591
Hamdije Memedi 1591
Erhan Mustafa 1591
Stefan Kuvendziev 1591
Mirko Marinkovski 1591
Kiril Lisichkov 1591
EXAMINATION OF THE REPRESENTATION OF MICRO-ORGANISMS IN DEHYDRATED AGRICULTURAL PRODUCTS FROM THE REPUBLIC OF MACEDONIA 1599
Blagica Cekova 1599
Filip Jovanovski 1599

Viktorija Bezhovska 1599
OXIDATION OF METHANOL OVER SODIUM MODIFIED IRON-MOLYBDENUM CATALYSTS 1605
Krasimir Ivanov 1605
TESTING OF HETERROTHERM AND PATHOGENIC MICROORGANISMS IN VEGETABLE PRODUCTS FROM THE REPUBLIC OF MACEDONIA 1611
Blagica Cekova 1611
Filip Jovanovski 1611
Viktorija Bezhovska 1611
HEAVY METAL CONTENT IN DANDELION (*TARAXACUM OFFICINALE* WEB.) 1617
Violina Angelova 1617
GOAT MEAT-CHEMICAL AND FATTYACIDS COMPOSITION 1623
Nevena Gruevska 1623
THE CRANBBERRIES AS HEALING HERB 1629
Filip Jovanovski 1629
Blagica Cekova 1629
Erhan Mustafa 1629
Viktorija Bezhovska 1629
A PROCEDURE FOR ISAR OBJECTS RECOGNITION WITH NEURAL NETWORKS ALGORITHM 1637
Krasimir Slavyanov 1637
NON UNIFORM ARRAY ANTENNA WITH THREE LUNEBURG LENSES 1643
Peter Apostolov 1643
Alexey Stefanov 1643
Ekaterina Otsetova-Dudin 1643
RISKS AND METHODS FOR ASSESSMENT OF ECOLOGICAL RISK OF CHEMICALS 1651
Filip Jovanovski 1651
Blagica Cekova 1651
Viktorija Bezhovska 1651
EFFECT OF FOREST R. SERBIA ON CLIMATE CHANGE 1657
Emilija Djikić Jovanović 1657
Miodrag Šmelcerović 1657
Suzana Djordjević 1657
Dragan Djordjević, ... 1657
NEW EXPERIENCES WITH WEICOPER -FORTE IN CONTROL OF DISEASES IN COLDWATHER AQUACULTURE WITH SPECIAL REFERENCE TO SAPROLEGNIA sp. 1661
Misho Hristovski 1661
Aleksandar Trajchovski 1661
ESTIMATION OF GENOTOXIC EFFECT OF FUNGICIDE ANTRACOL WP-63 AT FISH GOLDEN FISH (CARASSIUS AURATUS), AFTER 7 DAY OF TREATMENT 1665
Kemajl Kurteshi 1665
Zeqir Shaqiri 1665

ALGOLOGICAL ANALYSIS OF RIVER KRENA (GJAKOVA, KOSOVO) DURING SUMMER SEASON 2015 1669
Qendrim Ramshaj 1669
Kemajl Kurteshi 1669
PRODUCTION POTENTIAL OF FEED BARLEY VARIETY VESLETS, GROWN IN THE SOUTH DOBRUDZHA REGION OF BULGARIA 1673
Albena Ivanova 1673
Magdalena Koleva 1673
CURRENT KNOWLEDGE OF UV PROTECTION AFORDED BY TEXTILE MATERIALS 1679
Snežana Stanković 1679
Miodrag Smelcerovic 1679
Dragan Djordjevic 1679
TRANSFER FROM CONVETIONAL TO ALTERNATIVE FUELS IN CEMENT INDUSTRY – CHALLENGES AND BENEFITS 1685
Viktorija Bezhovska 1685
Blagica Cekova 1685
Erhan Mustafa 1685
Susana Temelkoska 1685
Filip Jovanovski 1685
DEVELOPMENT OF THE CONCEPTUAL MODEL OF ENTREPRENEURSHIP IN THE INFORMATION SOCIETY 1693
Nedka Nikolova 1693
Stanislav Sirotin 1693
PROCESS APPROACH TO THE MODEL OF HIGH-TECH ENTERPRISE 1701
Stanislav Sirotin 1701
Nedka Nikolova 1701
FREQUENSY OF CONFLICTS IN HOSPITALS 1709
Ekaterina Raykova 1709
Maria Semerdjieva 1709
Radka Masaldjieva 1709
Desislava Bakova 1709
STUDY RESEARCH ON THE RESULT OF IMPLEMENTATION OF THE METHOD-DEBATE IN THEIR BIOLOGICAL TRAINING 1717
Nicola Vakirlov 1717
Delka Karagiozova 1717
INTERACTIVE TEACHING METHODS - NECESSITY IN THE PROFESSIONAL TRAINING OF THE "MEDICAL LABORATORY ASSISTANT" AND "REHABILITATION THERAPIST " 1725
Pavlina Teneva 1725
Ivelina Dobreva 1725
Mariana Staneva 1725
FOSTERING COMMUNICATION AND LANGUAGE COMPETENCE IN DENTAL MEDICINE 1729
Ilina Doykova 1729

SOCIO-PSYCHOLOGICAL CONDITIONS OF THE PRE-GRADUATION TRAINEESHIP AS A FACTOR IN THE PROFESSIONAL DEVELOPMENT OF FUTURE NURSES 1735
Snezhana Dragusheva 1735
Biyanka Torniyova 1735
Tanya Paskaleva 1735
LEGAL REGULATION IN MEDICAL WASTE MANAGAMENT 1741
Novica Ničić 1741
Marijana Šmelcerović, ... 1741
Djukica Mirković 1741
Miodrag Šmelcerović 1741
RESEARCH ON THE COEFFICIENT OF UTILIZATION OF QUERCUS PETRAEA L. LOGS FOR PRODUCING RADIAL PLANKS WITH A THICKNESS OF 33mm. 1745
Muharrem Sejdiu 1745
ECONOMIC ASPECTS OF SAFETY AT WORK 1751
Oliver Dimitrijević 1751
Jelena Dimitijević 1751
Danijel Milošević 1751
Vladimir Djordjević 1751
Aleksandar Momčilović 1751
Miodrag Šmelcerović 1751
CHARACTERISTICS AND MANAGEMENT OF EXCESS SLUDGE GENERATED IN TREATMENT OF WASTEWATER FROM A COMMERCIAL OBJECT 1757
Erhan Mustafa 1757
Mirko Marinkovski 1757
Stefan Kuvendziev 1757
Zoran Bozinovski 1757
Kiril Lisichkov 1757
WASTEWATER AND DISEASES 1757
Ivana Stošić 1761
Miodrag Šmelcerović 1761
ЕРОЗИЈАТА И ДЕГРАДАЦИЈАТА ШТО ГИ ПРЕДИЗВИКУВА РЕКАТА ЛУДА МАРА И ЕРОЗИВНАТА КОМПОНЕНТА НА ПРЕДЕЛОТ ОКОЛУ НЕА 1761
Милица Иваноска 1767
Благица Цекова 1767
Владо Велкоски 1767
SHPENZIMET PUBLIKE DHE LLOGARIDHENIA FINANCIARE (PEFA) KORNIZA MATESE E PERFORMANCES 1767
Fadil Krasniqi 1773
..... 1773