

Mã;ria Marekovã;

List of Publications by Year in descending order

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89
papers

1,216
citations

430874

18
h-index

477307

29
g-index

93
all docs

93
docs citations

93
times ranked

1263
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of Skeletal Muscle Mass and Intracellular Water as Undesired Outcomes of Weight Reduction in Obese Hyperglycemic Women: A Short-Term Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1001.	2.6	2
2	Successful correction of hyperglycemia is critical for weight loss and a decrease in cardiovascular risk in obese patients. <i>Journal of Nutritional Biochemistry</i> , 2022, 106, 109021.	4.2	4
3	Insulin-like growth factor (IGF) system and hormonal-metabolic profile in women with polycystic ovary syndrome. <i>Bratislava Medical Journal</i> , 2021, 122, 469-473.	0.8	0
4	Strong Dependence between Tryptophan-Related Fluorescence of Urine and Malignant Melanoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1884.	4.1	5
5	The role of physical activity and miRNAs in the vascular aging and cardiac health of dialysis patients. <i>Physiological Reports</i> , 2021, 9, e14879.	1.7	5
6	Effect of hypoxia factors gene silencing on ROS production and metabolic status of A375 malignant melanoma cells. <i>Scientific Reports</i> , 2021, 11, 10325.	3.3	8
7	Selected In Situ Hybridization Methods: Principles and Application. <i>Molecules</i> , 2021, 26, 3874.	3.8	20
8	Zinc(II) niflumato complex with neocuproine: Synthesis, crystal structure, characterization and cytotoxic effects on human endometrial cell lines. <i>Journal of Molecular Structure</i> , 2021, 1237, 130312.	3.6	5
9	Zinc(II) niflumato complex effects on MMP activity and gene expression in human endometrial cell lines. <i>Scientific Reports</i> , 2021, 11, 19086.	3.3	1
10	Human fluorescent profile of urine as a simple tool of mining in data from autofluorescence spectroscopy. <i>Biomedical Signal Processing and Control</i> , 2020, 56, 101693.	5.7	9
11	MicroRNA molecules as predictive biomarkers of adaptive responses to strength training and physical inactivity in haemodialysis patients. <i>Scientific Reports</i> , 2020, 10, 15597.	3.3	7
12	Development of novel parameter for monitoring of malignant melanoma progression. <i>Practical Laboratory Medicine</i> , 2020, 22, e00182.	1.3	3
13	Roma Ethnicity and Sex-Specific Associations of Serum Uric Acid with Cardiometabolic and Hepatorenal Health Factors in Eastern Slovakian Population: The HepaMeta Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7673.	2.6	7
14	What is the Role of the Horizontal Transmission of Hepatitis B Virus Infection in Young Adult and Middle-Aged Roma Population Living in the Settlements in East Slovakia?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3293.	2.6	6
15	The Roma Population Living in Segregated Settlements in Eastern Slovakia Has a Higher Prevalence of Metabolic Syndrome, Kidney Disease, Viral Hepatitis B and E, and Some Parasitic Diseases Compared to the Majority Population. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3112.	2.6	18
16	Fluorescence biomarkers of malignant melanoma detectable in urine. <i>Open Chemistry</i> , 2020, 18, 898-910.	1.9	4
17	Hypoxia factors suppression effect on the energy metabolism of a malignant melanoma cell SK-MEL-30. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 4909-4920.	0.7	4
18	Is there a role for the IGF system and epidermal growth factor (EGF) in the pathogenesis of adrenocortical adenomas? A preliminary case-control study. <i>Physiological Research</i> , 2020, 69, 1085-1094.	0.9	0

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19	Deoxyribonucleic acid and chromatin imaging of endometriosis and endometrial carcinoma using atomic force microscopy. <i>Spectroscopy Letters</i> , 2019, 52, 510-519.	1.0	1
20	Specific Urinary Metabolites in Malignant Melanoma. <i>Medicina (Lithuania)</i> , 2019, 55, 145.	2.0	6
21	The effects of intradialytic resistance training on muscle strength, psychological well-being, clinical outcomes and circulatory micro-ribonucleic acid profiles in haemodialysis patients. <i>Medicine (United)</i> Tj ETQq1 1 0.784314 rgBT /Ove		
22	Prognostic Value of the Modified Atherogenic Index of Plasma during Body Mass Reduction in Polish Obese/Overweight People. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 68.	2.6	5
23	Relationship Between Steroid Hormones and Metabolic Profile in Women With Polycystic Ovary Syndrome. <i>Physiological Research</i> , 2019, 68, 457-465.	0.9	14
24	Metabolites of Tryptophane and Phenylalanine as Markers of Small Bowel Ischemia-Reperfusion Injury. <i>Open Chemistry</i> , 2018, 16, 709-715.	1.9	0
25	Autofluorescence of Breast Cancer Proteins. <i>Current Metabolomics</i> , 2018, 6, .	0.5	2
26	Exposure to <i>Toxoplasma gondii</i> in the Roma and Non-Roma Inhabitants of Slovakia: A Cross-Sectional Seroprevalence Study. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 408.	2.6	9
27	Selected physicochemical properties of amniotic fluid according to week of pregnancy. <i>Bratislava Medical Journal</i> , 2018, 119, 175-179.	0.8	4
28	Serum Uric Acid in Roma and Non-Romaâ€™s Correlation with Metabolic Syndrome and Other Variables. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1412.	2.6	14
29	Lipoprotein-Cholesterol Fractions in Marginalized Roma versus Majority Population. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 81.	2.6	2
30	A Community-Based Study to Estimate the Seroprevalence of Trichinellosis and Echinococcosis in the Roma and Non-Roma Population of Slovakia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 251.	2.6	7
31	Seroprevalence of Hepatitis E Virus in Roma Settlements: A Comparison with the General Population in Slovakia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 904.	2.6	8
32	Prevalence and Risk Factors for Hepatitis B Virus Infection in Roma and Non-Roma People in Slovakia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1047.	2.6	13
33	Novel zinc complexes of a non-steroidal anti-inflammatory drug, niflumic acid: Structural characterization, human-DNA and albumin binding properties. <i>European Journal of Medicinal Chemistry</i> , 2018, 153, 131-139.	5.5	20
34	Toluene abuse markers in marginalized populations. <i>Interdisciplinary Toxicology</i> , 2018, 11, 22-26.	1.0	11
35	Evaluation of Molecular Changes of Distal Organs After Small Bowel Transplantation. <i>Physiological Research</i> , 2018, 67, 591-599.	0.9	1
36	Noninvasive Cancer Diagnostics Using Native Fluorescence Analysis of Biological Fluids. <i>Reviews in Fluorescence</i> , 2017, , 185-201.	0.5	0

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37	Detection of Pathological Changes in the Aorta during Thoracic Aortic Aneurysm Progression on Molecular Level. <i>Disease Markers</i> , 2017, 2017, 1-11.	1.3	8
38	Current knowledge on the active form of Vitamin D synthesized in the skin and its effects on malignant melanoma. <i>Neoplasma</i> , 2017, 64, 1-12.	1.6	5
39	The use of native fluorescence analysis of synovial fluid in the diagnosis of medial compartment disease in medium- and large-breed dogs. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 332-337.	1.1	2
40	The crucial role of emilin 1 gene expression during progression of tumor growth. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 2397-2402.	2.5	14
41	Trends in Laboratory Diagnostic Methods in Periodontology. <i>Acta Medica (Hradec Kralove)</i> , 2016, 59, 3-9.	0.5	14
42	Seroprevalence of human <i>Toxocara</i> infections in the Roma and non-Roma populations of Eastern Slovakia: a cross-sectional study. <i>Epidemiology and Infection</i> , 2015, 143, 2249-2258.	2.1	20
43	Factors Affecting Fluorescence Analysis of Diagnostically Important Urinary Metabolites – Influence of Mixture Composition. <i>Spectroscopy Letters</i> , 2015, 48, 227-233.	1.0	4
44	Pilot Study of Canine Urine Analysis Using Fluorescent Fingerprint. <i>Spectroscopy Letters</i> , 2015, 48, 447-453.	1.0	4
45	Environmental estrogen bisphenol A and autoimmunity. <i>Lupus</i> , 2015, 24, 392-399.	1.6	20
46	Redefining the alanine aminotransferase upper limit of normal improves the prediction of metabolic syndrome risk. <i>European Journal of Gastroenterology and Hepatology</i> , 2015, 27, 405-411.	1.6	6
47	Monitoring of Thoracic Aortic Aneurysm in Blood by Fluorescence Spectroscopy. <i>American Journal of Medical and Biological Research</i> , 2015, 3, 128-132.	0.5	4
48	Changes in urine autofluorescence in ovarian cancer patients. <i>Neoplasma</i> , 2014, 61, 724-731.	1.6	9
49	Breast Carcinoma Progression and Tumour Vascular Markers Related to Apoptotic Mechanisms. <i>Disease Markers</i> , 2014, 2014, 1-7.	1.3	7
50	Early Diagnosis of Colorectal Cancer in Rats With DMH Induced Carcinogenesis by Means of Urine Autofluorescence Analysis. <i>Photochemistry and Photobiology</i> , 2014, 90, 682-685.	2.5	7
51	Vascular marker expression during the development of various types of gynaecological malignancy. <i>Tumor Biology</i> , 2014, 35, 11229-11235.	1.8	5
52	Hepatitis B virus infection in patients with metabolic syndrome: A complicated relationship. Results of a population based study. <i>European Journal of Internal Medicine</i> , 2014, 25, 286-291.	2.2	34
53	Gamma-Glutamyl Transpeptidase Level Associated with Metabolic Syndrome and Proinflammatory Parameters in the Young Roma Population in Eastern Slovakia: a Population-Based Study. <i>Central European Journal of Public Health</i> , 2014, 22, S43-S50.	1.1	8
54	Do Eating Habits of the Population Living in Roma Settlements Differ from Those of the Majority Population in Slovakia?. <i>Central European Journal of Public Health</i> , 2014, 22, S65-S68.	1.1	17

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55	Assessment of Clinical Biochemical Parameters in Roma Minority Residing in Eastern Slovakia Compared with the Majority Population. <i>Central European Journal of Public Health</i> , 2014, 22, S12-S17.	1.1	8
56	Biomarkers Associated with Obesity and Overweight in the Roma Population Residing in Eastern Slovakia. <i>Central European Journal of Public Health</i> , 2014, 22, S18-S21.	1.1	6
57	Does the Population Living in Roma Settlements Differ in Physical Activity, Smoking and Alcohol Consumption from the Majority Population in Slovakia?. <i>Central European Journal of Public Health</i> , 2014, 22, S22-S27.	1.1	30
58	Higher Prevalence of Nephropathy in Young Roma Females Compared with Non-Roma Females. <i>Central European Journal of Public Health</i> , 2014, 22, S28-S31.	1.1	9
59	The Prevalence of Chlamydia Trachomatis in the Population Living in Roma Settlements: a Comparison with the Majority Population. <i>Central European Journal of Public Health</i> , 2014, 22, S32-S36.	1.1	8
60	Association between Metabolic Syndrome and Hepatitis B Virus Infection in the Roma Population in Eastern Slovakia: a Population-Based Study. <i>Central European Journal of Public Health</i> , 2014, 22, S37-S42.	1.1	17
61	High Hepatitis B and Low Hepatitis C Prevalence in Roma Population in Eastern Slovakia. <i>Central European Journal of Public Health</i> , 2014, 22, S51-S56.	1.1	12
62	Socioeconomic Characteristics of the Population Living in Roma Settlements and Their Association with Health and Health-Related Behaviour. <i>Central European Journal of Public Health</i> , 2014, 22, S57-S64.	1.1	32
63	Prevalence of Cardiovascular Risk Factors in Relation to Metabolic Syndrome in the Roma Population Compared with the Non-Roma Population in the Eastern Part of Slovakia. <i>Central European Journal of Public Health</i> , 2014, 22, S69-S74.	1.1	13
64	Clinical and Biochemical Determinants of Metabolic Syndrome among Roma and Non-Roma Subjects in the Eastern Part of Slovakia. <i>Central European Journal of Public Health</i> , 2014, 22, S75-S80.	1.1	7
65	HepaMeta - Prevalence of Hepatitis B/C and Metabolic Syndrome in Population Living in Separated and Segregated Roma Settlements: a Methodology for a Cross-sectional Population-Based Study Using Community-Based Approach. <i>Central European Journal of Public Health</i> , 2014, 22, S6-S11.	1.1	25
66	Naturally Occurring Substances and Their Role in Chemo-protective Effects. <i>Central European Journal of Public Health</i> , 2013, 21, 213-219.	1.1	22
67	Progression of apoptic signaling from mesenteric ischemiaâ€“reperfusion injury to lungs: correlation in the level of ER chaperones expression. <i>Molecular and Cellular Biochemistry</i> , 2012, 362, 133-140.	3.1	9
68	A novel method for the detection of liver damage using fluorescence of hepatic mitochondria in a rat model following ischaemia/reperfusion injury of the small intestine. <i>Spectroscopy</i> , 2011, 26, 237-243.	0.8	1
69	Study of DNA interactions with cyclic chalcone derivatives by spectroscopic techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 81, 666-671.	3.9	17
70	Activation of oxidative stress response by hydroxyl substituted chalcones and cyclic chalcone analogues in mitochondria. <i>FEBS Letters</i> , 2010, 584, 567-570.	2.8	31
71	Impact of 2 Doses of Clorgyline on the Rat Preimplantation Embryo Development and the Monoamine Levels in Urine. <i>Reproductive Sciences</i> , 2010, 17, 734-741.	2.5	8
72	Isolation and characterization of a new bacteriocin, termed enterocin M, produced by environmental isolate <i>Enterococcus faecium</i> AL41. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007, 34, 533-537.	3.0	76

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73	The improvement of probiotics efficacy by synergistically acting components of natural origin: a review. <i>Biologia (Poland)</i> , 2006, 61, 729-734.	1.5	39
74	Comparison of the effects of selected chalcones, dihydrochalcones and some cyclic flavonoids on mitochondrial outer membrane determined by fluorescence spectroscopy. <i>Journal of Proteomics</i> , 2006, 69, 143-150.	2.4	14
75	Comparison of effect of selected synthetic chalcone analogues on mitochondrial outer membrane determined by fluorescence spectroscopy. <i>Journal of Proteomics</i> , 2004, 61, 135-141.	2.4	14
76	Inhibition of <i>Salmonella enterica</i> serovar Dusseldorf by enterocin A in gnotobiotic Japanese quails. <i>Veterinarni Medicina</i> , 2004, 49, 47-51.	0.6	22
77	Partial characterization of bacteriocins produced by environmental strain <i>Enterococcus faecium</i> EK13. <i>Journal of Applied Microbiology</i> , 2003, 94, 523-530.	3.1	73
78	Selected microbial consortium of raw and digested pig slurry and its susceptibility to enterocins. <i>World Journal of Microbiology and Biotechnology</i> , 2002, 18, 11-15.	3.6	9
79	In vitro antagonistic effect of nisin on faecal enterococci and staphylococci. <i>Veterinarni Medicina</i> , 2001, 46, 237-240.	0.6	5
80	Production of bacteriocins by different enterococcal isolates. <i>Folia Microbiologica</i> , 2001, 46, 49-52.	2.3	19
81	Occurrence of bacteriocin production among environmental enterococci. <i>Letters in Applied Microbiology</i> , 1998, 27, 178-182.	2.2	51
82	Transformation of <i>Streptococcus bovis</i> protoplasts by plasmid DNA. <i>Letters in Applied Microbiology</i> , 1996, 22, 159-161.	2.2	7
83	Location of the $\hat{\alpha}$ -amylase gene in rumen <i>Streptococcus bovis</i> strains distinguished by unstable amylase activity. <i>Folia Microbiologica</i> , 1995, 40, 181-184.	2.3	2
84	Conjugative transfer of tetracycline resistance in rumen streptococcal strains. <i>Folia Microbiologica</i> , 1994, 39, 83-86.	2.3	8
85	Antimicrobial spectrum of bacteriocin-like substances produced by rumen staphylococci. <i>Folia Microbiologica</i> , 1993, 38, 74-76.	2.3	32
86	Detection and antimicrobial spectrum of a bacteriocin-like substance produced by <i>Enterococcus faecium</i> CCM4231. <i>Letters in Applied Microbiology</i> , 1993, 16, 257-260.	2.2	100
87	Characterization of the $\hat{\alpha}$ -amylase-encoding gene from <i>Thermomonospora curvata</i> . <i>Gene</i> , 1992, 112, 77-83.	2.2	25
88	Factors affecting interaction of radiocobalt with river sediments. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1989, 132, 209-223.	1.5	18
89	Analysis of the interaction of radionuclides with solid phase in surface waters using laboratory model experiments: Methodical problems. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1988, 125, 295-315.	1.5	14