

JÃ;n TurÅ^a

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/389341/publications.pdf>

Version: 2024-02-01

113
papers

1,511
citations

331670

21
h-index

414414

32
g-index

122
all docs

122
docs citations

122
times ranked

2249
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of the dominant black <i>K^B</i> allele of <i>CBD103</i> in German Shepherd Dogs. <i>Animal Genetics</i> , 2022, 53, 230-231.	1.7	0
2	Tellurium: A Rare Element with Influence on Prokaryotic and Eukaryotic Biological Systems. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5924.	4.1	29
3	Admixed phenotype of <i>NEDD4L</i> associated periventricular nodular heterotopia. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT₂Overloc</i>	1.0	
4	Recombinant Enzymatic Redox Systems for Preparation of Aroma Compounds by Biotransformation. <i>Frontiers in Microbiology</i> , 2021, 12, 684640.	3.5	3
5	Characterization of Clinical and Carrier <i>Streptococcus agalactiae</i> and Prophage Contribution to the Strain Variability. <i>Viruses</i> , 2020, 12, 1323.	3.3	10
6	Endosidin 2 accelerates PIN2 endocytosis and disturbs intracellular trafficking of PIN2, PIN3, and PIN4 but not of SYT1. <i>PLoS ONE</i> , 2020, 15, e0237448.	2.5	6
7	Comparison of simple expression procedures in novel expression host <i>Vibrio natriegens</i> and established <i>Escherichia coli</i> system. <i>Journal of Biotechnology</i> , 2020, 321, 57-67.	3.8	11
8	The ploidy determination of the biotechnologically important yeast <i>Candida utilis</i> . <i>Journal of Applied Genetics</i> , 2020, 61, 275-286.	1.9	5
9	Seasonal changes of circulating 25-hydroxyvitamin D correlate with the lower gut microbiome composition in inflammatory bowel disease patients. <i>Scientific Reports</i> , 2020, 10, 6024.	3.3	23
10	Combination of Fetal Fraction Estimators Based on Fragment Lengths and Fragment Counts in Non-Invasive Prenatal Testing. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3959.	4.1	13
11	Adaptable Model Parameters in Non-Invasive Prenatal Testing Lead to More Stable Predictions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3414.	4.1	8
12	Characterization of Dev-CD-23823 and Dev-CT57, new Autographivirinae bacteriophages infecting <i>Cronobacter</i> spp.. <i>Archives of Virology</i> , 2019, 164, 1383-1391.	2.1	10
13	The relationship between selected <i>VDR</i> gene polymorphisms and susceptibility to inflammatory bowel disease in Slovak population. <i>Biologia (Poland)</i> , 2019, 74, 573-581.	1.5	2
14	Current state and prospects of biotechnology in Central and Eastern European countries. Part I: Visegrad countries (CZ, H, PL, SK). <i>Critical Reviews in Biotechnology</i> , 2019, 39, 114-136.	9.0	10
15	Characterisation of <i>Cronobacter</i> strains isolated from hospitalised adult patients. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1073-1085.	1.7	15
16	Enhanced Interoperability with New Collaborative and Streaming Functions Implemented in Slovak National Telepresence Infrastructure (NTI). , 2018, , .		9
17	<i>Vibrio natriegens</i> – an effective tool for protein production. <i>New Biotechnology</i> , 2018, 44, S77.	4.4	1
18	Mean and variance of ratios of proportions from categories of a multinomial distribution. <i>Journal of Statistical Distributions and Applications</i> , 2018, 5, .	1.2	10

#	ARTICLE	IF	CITATIONS
19	Effect of recombinant catalase AfKatG as an additive in growth media of food strains. Journal of Biotechnology, 2018, 280, S60.	3.8	1
20	A novel mutation in the <i>TYRP1</i> gene associated with brown coat colour in the Australian Shepherd Dog Breed. Animal Genetics, 2017, 48, 626-626.	1.7	19
21	Optimization of the fermentation and downstream processes for human enterokinase production in <i>Pichia pastoris</i> . Applied Microbiology and Biotechnology, 2017, 101, 1927-1934.	3.6	11
22	Complex phenotypes blur conventional borders between Sayâ€“Barberâ€“Bieseckerâ€“Youngâ€“Simpson syndrome and genitopatellar syndrome. Clinical Genetics, 2017, 91, 339-343.	2.0	25
23	Purification of small-size acidic proteoglycan-like domain of carbonic anhydrase IX fused with thioredoxine expressed in <i>Escherichia coli</i> for structural characterization. Biologia (Poland), 2017, 72, 1240-1246.	1.5	0
24	Effective collaborative environment with live broadcasts using Slovak National telepresence infrastructure. , 2017, , .		11
25	Utilization of specialized ICT infrastructure in the processes of science management in Slovakia. , 2017, , .		1
26	Expression of Genes for Si Uptake, Accumulation, and Correlation of Si with Other Elements in Ionome of Maize Kernel. Frontiers in Plant Science, 2017, 8, 1063.	3.6	30
27	The experience from implementation of National telepresence infrastructure in Slovakia to support research, development and technology transfer. , 2016, , .		9
28	The prevalence of ABCB1:c.227_230delATAG mutation in affected dog breeds from European countries. Research in Veterinary Science, 2016, 106, 89-92.	1.9	19
29	<i>Actin3</i> promoter reveals undulating F-actin bundles at shanks and dynamic F-actin meshworks at tips of tip-growing pollen tubes. Plant Signaling and Behavior, 2016, 11, e1146845.	2.4	10
30	Modulation of heterologous expression from P BAD promoter in <i>Escherichia coli</i> production strains. Journal of Biotechnology, 2016, 236, 1-9.	3.8	12
31	Effects of Auxins on PIN-FORMED2 (PIN2) Dynamics Are Not Mediated by Inhibiting PIN2 Endocytosis. Plant Physiology, 2016, 172, 1019-1031.	4.8	49
32	Proteomic analysis of the TerC interactome: Novel links to tellurite resistance and pathogenicity. Journal of Proteomics, 2016, 136, 167-173.	2.4	41
33	Contribution of the thermotolerance genomic island to increased thermal tolerance in <i>Cronobacter</i> strains. Antonie Van Leeuwenhoek, 2016, 109, 405-414.	1.7	17
34	Mutations in the <i>TYRP1</i> gene and their effect on coat colour in dogs. Journal of Biotechnology, 2015, 208, S39-S40.	3.8	1
35	Mutation in heat shock transcription factor 4 associated with canine hereditary cataract. Journal of Biotechnology, 2015, 208, S40.	3.8	0
36	Arabidopsis Synaptotagmin 2 Participates in Pollen Germination and Tube Growth and Is Delivered to Plasma Membrane via Conventional Secretion. Molecular Plant, 2015, 8, 1737-1750.	8.3	23

#	ARTICLE	IF	CITATIONS
37	Fetal DNA in maternal plasma in preeclamptic pregnancies. <i>Hypertension in Pregnancy</i> , 2015, 34, 36-49.	1.1	18
38	<i>Cronobacter</i> spp. specific bacteriophages as a tool for food safety. <i>Journal of Biotechnology</i> , 2015, 208, S20.	3.8	0
39	Variability of the thermotolerance genomic island present in <i>Cronobacter</i> spp.. <i>Journal of Biotechnology</i> , 2015, 208, S74.	3.8	0
40	Salivary DNA and markers of oxidative stress in patients with chronic periodontitis. <i>Clinical Oral Investigations</i> , 2015, 19, 201-207.	3.0	46
41	Characterization and genome sequence of Dev2, a new T7-like bacteriophage infecting <i>Cronobacter turicensis</i> . <i>Archives of Virology</i> , 2014, 159, 3013-3019.	2.1	10
42	Expression of soluble recombinant human growth hormone in <i>Escherichia coli</i> cultures using shake-flask, batch and fed-batch cultivation. <i>New Biotechnology</i> , 2014, 31, S192.	4.4	0
43	Preparation of human growth hormone in <i>Pichia pastoris</i> under a constitutive promoter. <i>New Biotechnology</i> , 2014, 31, S191.	4.4	0
44	Expression of recombinant formate dehydrogenase in <i>Escherichia coli</i> and its immobilization onto magnetic nano-particles. <i>New Biotechnology</i> , 2014, 31, S201-S202.	4.4	0
45	Strategy for on-column refolding of human recombinant His-tagged prethrombin-2 produced using the <i>Escherichia coli</i> -based expression system. <i>New Biotechnology</i> , 2014, 31, S191.	4.4	0
46	Upstream regulatory regions controlling the expression of the <i>Candida utilis</i> maltase gene. <i>Journal of Biotechnology</i> , 2014, 189, 136-142.	3.8	6
47	Optimization of expression of untagged and histidine-tagged human recombinant thrombin precursors in <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9259-9270.	3.6	4
48	Expression of soluble <i>Saccharomyces cerevisiae</i> alcohol dehydrogenase in <i>Escherichia coli</i> applicable to oxido-reduction bioconversions. <i>Biologia (Poland)</i> , 2014, 69, 722-726.	1.5	5
49	High-level expression and purification of recombinant human growth hormone produced in soluble form in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2014, 100, 40-47.	1.3	26
50	Current status of biotechnology in Slovakia. <i>Current Opinion in Biotechnology</i> , 2013, 24, S14-S18.	6.6	1
51	Protein-protein association and cellular localization of four essential gene products encoded by tellurite resistance-conferring cluster from pathogenic <i>Escherichia coli</i> . <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 899-911.	1.7	5
52	Proteomic Differences between Tellurite-Sensitive and Tellurite-Resistant <i>E.coli</i> . <i>PLoS ONE</i> , 2013, 8, e78010.	2.5	12
53	Genetic Polymorphisms Related to Testosterone Metabolism in Intellectually Gifted Boys. <i>PLoS ONE</i> , 2013, 8, e54751.	2.5	18
54	Tellurite-reduction-based assay for screening potential antibiotics. <i>Journal of Medical Microbiology</i> , 2012, 61, 160-161.	1.8	1

#	ARTICLE	IF	CITATIONS
55	The Effects of Anti-Inflammatory and Anti-Angiogenic DNA Vaccination on Diabetic Nephropathy in Rats. <i>Human Gene Therapy</i> , 2012, 23, 158-166.	2.7	11
56	Does phage P22 contribute to resistance of Salmonella to oxidative stress?. <i>Medical Hypotheses</i> , 2012, 79, 484-486.	1.5	4
57	Study of membrane attachment and in vivo co-localization of TerB protein from uropathogenic Escherichia coli KL53. <i>General Physiology and Biophysics</i> , 2011, 30, 286-292.	0.9	6
58	The role of TerW protein in the tellurite resistance of uropathogenic Escherichia coli. <i>Biologia (Poland)</i> , 2011, 66, 565-573.	1.5	4
59	Analysis of the DNA region mediating increased thermotolerance at 58°C in Cronobacter sp. and other enterobacterial strains. <i>Antonie Van Leeuwenhoek</i> , 2011, 100, 279-289.	1.7	60
60	Structure of the has Operon Promoter and the Effect of Mutations on the has Promoter Strength in Streptococcus equi subsp. zooepidemicus. <i>Molecular Biotechnology</i> , 2011, 49, 166-175.	2.4	4
61	Gene replacement techniques for Escherichia coli genome modification. <i>Folia Microbiologica</i> , 2011, 56, 253-263.	2.3	18
62	Food-borne enterococci and their resistance to oxidative stress. <i>Journal of Microbiology</i> , 2011, 49, 657-662.	2.8	4
63	Salmonella-mediated gene therapy in experimental colitis in mice. <i>Experimental Biology and Medicine</i> , 2011, 236, 177-183.	2.4	22
64	APEX microarray panel for genotyping polymorphisms in cancer chemotherapy and estimation frequencies in a Slovak population. <i>Pharmacogenomics</i> , 2011, 12, 577-592.	1.3	0
65	Phage therapy of Cronobacter-induced urinary tract infection in mice. <i>Medical Science Monitor</i> , 2011, 17, BR173-BR178.	1.1	36
66	Sequence analysis and gene amplification study of the penicillin biosynthesis gene cluster from different strains of Penicillium chrysogenum. <i>Biologia (Poland)</i> , 2010, 65, 1-6.	1.5	7
67	Multiplex PCR amplification of 13 microsatellite loci for Aquila chrysaetos in forensic applications. <i>Biologia (Poland)</i> , 2010, 65, 1081-1088.	1.5	11
68	Effect of the anticancer drug oracin on mouse liver topoisomerases I and II. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 657-659.	2.4	1
69	Core promoters of the penicillin biosynthesis genes and quantitative RT-PCR analysis of these genes in high and low production strain of Penicillium chrysogenum. <i>Folia Microbiologica</i> , 2010, 55, 126-132.	2.3	4
70	Testosterone and estradiol in maternal plasma and their relation to fetal sex. <i>Prenatal Diagnosis</i> , 2010, 30, 806-807.	2.3	5
71	On the origin of reactive oxygen species and antioxidative mechanisms in Enterococcus faecalis. <i>Redox Report</i> , 2010, 15, 202-206.	4.5	12
72	Does maternal saliva contain fetal DNA usable for prenatal diagnostics?. <i>Medical Hypotheses</i> , 2010, 74, 258-260.	1.5	5

#	ARTICLE	IF	CITATIONS
73	Circulating free fetal nucleic acids in maternal plasma and preeclampsia. <i>Medical Hypotheses</i> , 2010, 74, 1030-1032.	1.5	11
74	Canine Degenerative Myelopathy. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2010, 40, 929-950.	1.5	96
75	Association of biochemical parameters and RAGE gene polymorphisms in healthy infants and their mothers. <i>Clinica Chimica Acta</i> , 2010, 411, 1034-1040.	1.1	12
76	Oral <i>in vivo</i> Bactofection in Dextran Sulfate Sodium Treated Female Wistar Rats. <i>Folia Biologica</i> , 2010, 58, 171-176.	0.5	8
77	On the Physiology and Pathophysiology of Antimicrobial Peptides. <i>Molecular Medicine</i> , 2009, 15, 51-59.	4.4	96
78	Evaluation of different PCR-based approaches for the identification and typing of environmental enterococci. <i>Antonie Van Leeuwenhoek</i> , 2008, 93, 193-203.	1.7	30
79	Assessment of environmental enterococci: bacterial antagonism, pathogenic capacity and antibiotic resistance. <i>Antonie Van Leeuwenhoek</i> , 2008, 94, 555-562.	1.7	11
80	Excision of selectable marker genes from transgenic crops as a concern for environmental biosafety. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 2547-2554.	3.5	8
81	Variability in occurrence of multiple prophage genes in <i>Salmonella Typhimurium</i> strains isolated in Slovak Republic. <i>FEMS Microbiology Letters</i> , 2007, 270, 237-244.	1.8	16
82	The contribution of tellurite resistance genes to the fitness of <i>Escherichia coli</i> uropathogenic strains. <i>Open Life Sciences</i> , 2007, 2, 182-191.	1.4	17
83	Comparative study of two forms of <i>aro A CP4</i> gene in <i>Escherichia coli</i> . <i>Biologia (Poland)</i> , 2007, 62, 265-269.	1.5	2
84	Multiple regulatory genes in the salinomycin biosynthetic gene cluster of <i>Streptomyces albus</i> CCM 4719. <i>Folia Microbiologica</i> , 2007, 52, 359-65.	2.3	19
85	Analysis of the tellurite resistance determinant on the pNT3B derivative of the pTE53 plasmid from uropathogenic <i>Escherichia coli</i> . <i>BioMetals</i> , 2006, 19, 453-460.	4.1	12
86	Complete nucleotide sequence and genome analysis of bacteriophage BFK20 – A lytic phage of the industrial producer <i>Brevibacterium flavum</i> . <i>Virology</i> , 2006, 348, 57-71.	2.4	32
87	Characterization of <i>Salmonella enterica</i> serovar <i>Typhimurium</i> strains of veterinary origin by molecular typing methods. <i>Veterinary Microbiology</i> , 2005, 109, 113-120.	1.9	21
88	The use of transformed <i>Escherichia coli</i> for experimental angiogenesis induced by regulated <i>in situ</i> production of vascular endothelial growth factor – an alternative gene therapy. <i>Medical Hypotheses</i> , 2005, 64, 505-511.	1.5	16
89	Biological and biomedical aspects of genetically modified food. <i>Biomedicine and Pharmacotherapy</i> , 2005, 59, 531-540.	5.6	29
90	Antibiotic resistance and virulence factors among clinical and food enterococci isolated in Slovakia. <i>Folia Microbiologica</i> , 2004, 49, 763-768.	2.3	31

#	ARTICLE	IF	CITATIONS
91	PCR-Based methods for identification of <i>Enterococcus</i> species. <i>Folia Microbiologica</i> , 2002, 47, 649-653.	2.3	12
92	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 1893-1897.	2.2	2
93	Phylogenetic analysis of <i>therpLA</i> genes encoding ribosomal protein L1. <i>Folia Microbiologica</i> , 2001, 46, 99-106.	2.3	0
94	Nucleotide sequence of the gene encoding the major capsid protein of herpesvirus of turkeys. <i>Virus Genes</i> , 2000, 20, 107-115.	1.6	2
95	DNA sequence analysis of the tellurite-resistance determinant from clinical strain of <i>Escherichia coli</i> and identification of essential genes. <i>BioMetals</i> , 2000, 13, 135-139.	4.1	33
96	<i>Escherichia coli</i> strain with a deletion of the chromosomal <i>ampC</i> gene marked with TcR, suitable for production of penicillin G acylase. <i>Folia Microbiologica</i> , 1999, 44, 625-628.	2.3	2
97	In vivo and in vitro cloning and phenotype characterization of tellurite resistance determinant conferred by plasmid pTE53 of a clinical isolate of <i>Escherichia coli</i> . <i>Folia Microbiologica</i> , 1998, 43, 589-599.	2.3	25
98	Overexpression of the FNR protein of <i>Escherichia coli</i> with T7 expression system. <i>Folia Microbiologica</i> , 1998, 43, 601-604.	2.3	2
99	Cloning and transfer of sucrose operon in <i>Escherichia coli</i> . <i>Journal of Microbiological Methods</i> , 1996, 26, 119-124.	1.6	0
100	Cloning of <i>E. coli</i> penicillin G acylase gene with mini-Mu containing a plasmid replicon. <i>Biotechnology Letters</i> , 1995, 17, 13-18.	2.2	2
101	Transformation of Microorganisms with the Plasmid Vector with the Replicon from pAC1 from <i>Acetobacter pasteurianus</i> . <i>Biochemical and Biophysical Research Communications</i> , 1995, 206, 942-947.	2.1	12
102	Characterization of mitochondrial DNA topoisomerase I from <i>Neurospora crassa</i> . <i>Folia Microbiologica</i> , 1994, 39, 105-111.	2.3	3
103	Vectors with the <i>fd</i> replicon for in vivo cloning and analysis of genes. <i>Gene</i> , 1994, 151, 103-108.	2.2	3
104	PCR cloning and sequencing of the coding portion of the thioredoxin encoding gene from <i>Streptomyces aureofaciens</i> BMK. <i>Gene</i> , 1994, 138, 263-264.	2.2	3
105	Regulation of the citrate synthase (<i>gltA</i>) gene of <i>Escherichia coli</i> in response to anaerobiosis and carbon supply: role of the <i>arcA</i> gene product. <i>Journal of Bacteriology</i> , 1994, 176, 5086-5092.	2.2	93
106	Enhanced alpha - amylase production by chromosomal integration of pTVA1 in industrial strain in <i>Bacillus subtilis</i> . <i>Biotechnology Letters</i> , 1993, 15, 483-488.	2.2	2
107	Some properties of restriction endonuclease <i>ApaBI</i> from <i>Acetobacter pasteurianus</i> . <i>BBA - Proteins and Proteomics</i> , 1993, 1162, 323-325.	2.1	1
108	Characterization of the Replicon from Plasmid pAC1 from <i>Acetobacter pasteurianus</i> . <i>Biochemical and Biophysical Research Communications</i> , 1993, 191, 26-31.	2.1	9

#	ARTICLE	IF	CITATIONS
109	ApaCI, an isoschizomer of BamHI isolated from <i>Acetobacter pasteurianus</i> . <i>Nucleic Acids Research</i> , 1992, 20, 3513-3513.	14.5	2
110	Isolation of a new restriction enzyme, ApaCI, an isoschizomer of BamHI produced by <i>Acetobacter pasteurianus</i> . <i>Folia Microbiologica</i> , 1992, 37, 353-356.	2.3	1
111	Construction of shuttle vectors for cloning in <i>Escherichia coli</i> and <i>Acetobacter pasteurianus</i> . <i>Folia Microbiologica</i> , 1992, 37, 395-400.	2.3	9
112	Preparation of highly purified mitochondria of <i>Neurospora crassa</i> on a Percoll gradient. <i>Folia Microbiologica</i> , 1983, 28, 409-413.	2.3	4
113	Possibilities of Stereological Analysis of Grain Boundary Orientation in Longitudinal Sections of Precision Cold Drawn Seamless Steel Tubes. <i>Materials Science Forum</i> , 0, 891, 51-54.	0.3	0