Vladimir Anatolievich Chistyakov

List of Publications by Year
in descending order

56	1,291	471509	377865
papers	citations	17	34
		h-index	g-index

56	56	56	1513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functions and emerging applications of bacteriocins. Current Opinion in Biotechnology, 2018, 49, 23-28.	6.6	378
2	Mitochondrial-Targeted Plastoquinone Derivatives. Effect on Senescence and Acute Age-Related Pathologies. Current Drug Targets, 2011, 12, 800-826.	2.1	147
3	Subtilosin Prevents Biofilm Formation by Inhibiting Bacterial Quorum Sensing. Probiotics and Antimicrobial Proteins, 2017, 9, 81-90.	3.9	88
4	Bacillus Probiotic Supplementations Improve Laying Performance, Egg Quality, Hatching of Laying Hens, and Sperm Quality of Roosters. Probiotics and Antimicrobial Proteins, 2018, 10, 367-373.	3.9	71
5	Safety Properties and Probiotic Potential of <i>Bacillus subtilis</i> KATMIRA1933 and <i>Bacillus amyloliquefaciens</i> B-1895. Advances in Microbiology, 2016, 06, 432-452.	0.6	47
6	Preliminary results on ascorbic acid and lysine suppression of clastogenic effect of deep-frozen sperm of the Russian sturgeon (Acipenser gueldenstaedti). International Journal of Refrigeration, 2006, 29, 374-378.	3.4	36
7	Fullerenes as Anti-Aging Antioxidants. Current Aging Science, 2017, 10, 56-67.	1.2	34
8	DNA-protection and antioxidant properties of fermentates from Bacillus amyloliquefaciens B-1895 and Bacillus subtilis KATMIRA1933. Letters in Applied Microbiology, 2015, 61, 549-554.	2.2	33
9	Quorum-Sensing Inhibition by Gram-Positive Bacteria. Microorganisms, 2022, 10, 350.	3.6	31
10	Elucidation of Bacillus subtilis KATMIRA 1933 Potential for Spore Production in Submerged Fermentation of Plant Raw Materials. Probiotics and Antimicrobial Proteins, 2017, 9, 435-443.	3.9	27
11	Poultry-beneficial solid-state Bacillus amyloliquefaciens B-1895 fermented soybean formulation. Bioscience of Microbiota, Food and Health, 2015, 34, 25-28.	1.8	25
12	A Review of the Effects and Production of Spore-Forming Probiotics for Poultry. Animals, 2021, 11, 1941.	2.3	25
13	Biological Effects of C60 Fullerene Revealed with Bacterial Biosensorâ€”Toxic or Rather Antioxidant?. Biosensors, 2019, 9, 81.	4.7	23
14	Probiotic Bacilli Inhibit Salmonella Biofilm Formation Without Killing Planktonic Cells. Frontiers in Microbiology, 2021, 12, 615328.	3.5	23
15	Allantoin as a Vitamin. Doklady Biochemistry and Biophysics, 2004, 398, 320-324.	0.9	21
16	Potential Probiotics Bacillus subtilis KATMIRA1933 and Bacillus amyloliquefaciens B-1895 Co-Aggregate with Clinical Isolates of Proteus mirabilis and Prevent Biofilm Formation. Probiotics and Antimicrobial Proteins, 2020, 12, 1471-1483.	3.9	20
17	Allantoin as a free-radical scavenger. Doklady Biochemistry and Biophysics, 2002, 383, 105-108.	0.9	18
18	Synthesis and biological properties of nitrobenzoxadiazole derivatives as potential nitrogen(ii) oxide donors: SOX induction, toxicity, genotoxicity, and DNA protective activity in experiments using Escherichia coli-based lux biosensors. Russian Chemical Bulletin, 2015, 64, 1369-1377.	1.5	18

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19	Effect of Bacillus subtilis KATMIRA1933 and Bacillus amyloliquefaciens B-1895 on the productivity, reproductive aging, and physiological characteristics of hens and roosters. Beneficial Microbes, 2019, 10, 395-412.	2.4	18
20	Draft Genome Sequence of Bacillus amyloliquefaciens B-1895. Genome Announcements, 2014, 2, .	0.8	15
21	Methods to Assess the Antioxidative Properties of Probiotics. Probiotics and Antimicrobial Proteins, 2018, 10, 589-599.	3.9	15
22	The Impact of Bacillus subtilis KATMIRA1933 Supplementation on Telomere Length and Mitochondrial DNA Damage of Laying Hens. Probiotics and Antimicrobial Proteins, 2019, 11, 588-593.	3.9	14
23	The Use of Biosensors to Explore the Potential of Probiotic Strains to Reduce the SOS Response and Mutagenesis in Bacteria. Biosensors, 2018, 8, 25.	4.7	13
24	Mechanisms of CandidaÂResistance to Antimycotics and Promising Ways to Overcome It: The Role of Probiotics. Probiotics and Antimicrobial Proteins, 2021, 13, 926-948.	3.9	11
25	Influence of the luxR Regulatory Gene Dosage and Expression Level on the Sensitivity of the Whole-Cell Biosensor to Acyl-Homoserine Lactone. Biosensors, 2021, 11, 166.	4.7	11
26	Separation and mass spectrometry identification of carotenoid complex from radioresistant bacteria Deinococcus radiodurans. Journal of Analytical Chemistry, 2011, 66, 1281-1284.	0.9	9
27	Superoxide scavenging activity of plastoquinone derivative 10-(6â€²-plastoquinonyl)decyltriphenylphosphonium (SkQ1). Biochemistry (Moscow), 2012, 77, 776-778.	1.5	8
28	Probiotic Intake Increases the Expression of Vitellogenin Genes in Laying Hens. Probiotics and Antimicrobial Proteins, 2019, 11, 1324-1329.	3.9	8
29	OPTIMIZATION OF ENHANCED PROBIOTIC SPORES PRODUCTION IN SUBMERGED CULTIVATION OF BACILLUS AMYLOLIQUEFACIENS B-1895. Journal of Microbiology, Biotechnology and Food Sciences, 2017, 7, 132-136.	0.8	8
30	Genotoxicity of Don River bottom sediments (2001â€“2007). Water Resources, 2012, 39, 118-124.	0.9	7
31	SOS Response Inhibitory Properties by Potential Probiotic Formulations of Bacillus amyloliquefaciens B-1895 and Bacillus subtilis KATMIRA1933 Obtained by Solid-State Fermentation. Current Microbiology, 2019, 76, 312-319.	2.2	7
32	Evaluation of an Industrial Soybean Byproduct for the Potential Development of a Probiotic Animal Feed Additive with Bacillus Species. Probiotics and Antimicrobial Proteins, 2020, 12, 1173-1178.	3.9	7
33	Mitochondria as a signaling Hub and target for phenoptosis shutdown. Biochemistry (Moscow), 2016, 81, 329-337.	1.5	6
34	Presence of Old Individuals in a Population Accelerates and Optimizes the Process of Selection: in silico Experiments. Biochemistry (Moscow), 2018, 83, 159-167.	1.5	6
35	Antimutagenic Activity as a Criterion of Potential Probiotic Properties. Probiotics and Antimicrobial Proteins, 2022, 14, 1094-1109.	3.9	6
36	Beneficial Effects of Spore-Forming Bacillus Probiotic Bacteria Isolated From Poultry Microbiota on Broilers' Health, Growth Performance, and Immune System. Frontiers in Veterinary Science, 0, 9, .	2.2	6

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37	Dioxidine induces bacterial resistance to antibiotics. Molecular Genetics, Microbiology and Virology, 2016, 31, 227-232.	0.3	5
38	Comprehensive study of nitrofuroxanoquinolines. New perspective donors of NO molecules. Nitric Oxide - Biology and Chemistry, 2019, 93, 15-24.	2.7	5
39	Effect of Plastoquinone Derivative 10-(6â€²-Plastoquinonyl)decyltriphenylphosphonium (SkQ1) on Contents of Steroid Hormones and NO Level in Rats. Biochemistry (Moscow), 2010, 75, 1383-1387.	1.5	4
40	Aging saves populations from extinction under lack of resources: in silico experiments. Biochemistry (Moscow), 2015, 80, 636-639.	1.5	4
41	PROSPECTS OF SKQ1 (10- (6'-PLASTOQUINOYL) DECYLTRIPHENYLPHOSPHONIUM) APPLICATION FOR PREVENTION OF ORAL CAVITY DISEASES. Rasayan Journal of Chemistry, 2018, 11, 1594-1603.	0.4	4
42	Antimutagenic activity of mitochondria-targeted plastoquinone derivative. Biochemistry (Moscow), 2010, 75, 269-273.	1.5	3
43	Effect of plastoquinone derivative 10-(6â€²-Plastoquinonyl) decyltriphenylphosphonium (SkQ1) on estrous cycle and 17Î²-estradiol level in rats. Biochemistry (Moscow), 2012, 77, 1382-1386.	1.5	3
44	Nitrobenzoxadiazole derivatives as nitric oxide donors: ESR study using spin trapping. Russian Chemical Bulletin, 2017, 66, 76-82.	1.5	3
45	Age-Dependent Variation of Telomere Length and DNA Damage in Chicken. OnLine Journal of Biological Sciences, 2017, 17, 387-393.	0.4	3
46	Method of preparation, visualization and ultrastructural analysis of a formulation of probiotic Bacillus subtilis KATMIRA1933 produced by solid-phase fermentation. MethodsX, 2019, 6, 2515-2520.	1.6	3
47	Fermented Duckweed as a Potential Feed Additive with Poultry Beneficial Bacilli Probiotics. Probiotics and Antimicrobial Proteins, 2021, 13, 1425-1432.	3.9	3
48	Chemiluminescence analysis of oil oxidizing bacteria Actinetobacter calcoaceticus extracts: Effects of the extracts on pSoxS-lux biosensor. Applied Biochemistry and Microbiology, 2011, 47, 400-404.	0.9	2
49	Cellularity loss and dilmanâ€™s problem: An in silico study. Biochemistry (Moscow), 2012, 77, 779-792.	1.5	2
50	7-(1-Methyl-3-Pyrrolyl-)-4,6-Dinitrobenzofuroxan Reduces the Frequency of Antibiotic Resistance Mutations Induced by Ciprofloxacin in Bacteria. International Journal of Biomedicine, 2016, 6, 228-232.	0.2	2
51	Role of remodeling of small diameter kidney arteries in the prognosis of progression of tubulointerstitial fibrosis in patients with chronic glomerulonephritis. Cardiovascular Therapy and Prevention (Russian Federation), 2019, 18, 62-68.	1.4	2
52	Potentiation of the Toxic Effects of Metals by Ascorbic Acid. Russian Journal of Ecology, 2002, 33, 296-298.	0.9	1
53	Allantoin and urate as suppressors of the genotoxic effect of 300â€“400 nm ultraviolet radiation. Russian Journal of Genetics: Applied Research, 2011, 1, 119-120.	0.4	1
54	Physical consequences of the mitochondrial targeting of single-walled carbon nanotubes probed computationally. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 70, 198-202.	2.7	1

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55	Age-related cellularity loss in silico. Russian Journal of General Chemistry, 2010, 80, 1501-1506.	0.8	0
56	Determination of the Mutagenicity of 2-aminoanthracene Using Chicken Hepatic S-9 Fraction. OnLine Journal of Biological Sciences, 2018, 18, 442-445.	0.4	0