

Vladimir V Galatenko

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

745
citations

566801

15
h-index

580395

25
g-index

60
all docs

60
docs citations

60
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamically regulated miRNA-mRNA networks revealed by exercise. <i>BMC Physiology</i> , 2013, 13, 9.	3.6	102
2	High-throughput identification of reference genes for research and clinical RT-qPCR analysis of breast cancer samples. <i>Journal of Clinical Bioinformatics</i> , 2013, 3, 13.	1.2	63
3	Genome sequence of the pattern forming <i>Paenibacillus vortex</i> bacterium reveals potential for thriving in complex environments. <i>BMC Genomics</i> , 2010, 11, 710.	1.2	40
4	miRNome of inflammatory breast cancer. <i>BMC Research Notes</i> , 2014, 7, 871.	0.6	40
5	Prognostic role of the sialyltransferase ST6GAL1 in ovarian cancer. <i>Glycobiology</i> , 2018, 28, 898-903.	1.3	37
6	Cumulative prognostic power of laminin genes in colorectal cancer. <i>BMC Medical Genomics</i> , 2018, 11, 9.	0.7	30
7	Comprehensive network of miRNA-induced intergenic interactions and a biological role of its core in cancer. <i>Scientific Reports</i> , 2018, 8, 2418.	1.6	27
8	Evaluation of potential reference genes for qRT-PCR data normalization in HeLa cells. <i>Applied Biochemistry and Microbiology</i> , 2013, 49, 743-749.	0.3	26
9	Highly informative marker sets consisting of genes with low individual degree of differential expression. <i>Scientific Reports</i> , 2015, 5, 14967.	1.6	24
10	Changes in the Level of Circulating hsa-miR-297 and hsa-miR-19b-3p miRNA Are Associated with Generalization of Prostate Cancer. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 162, 379-382.	0.3	23
11	Tumour-like druggable gene expression pattern of CaCo2 cells in microfluidic chip. <i>Biochip Journal</i> , 2016, 10, 215-220.	2.5	22
12	Intra- and interregional coregulation of opioid genes: broken symmetry in spinal circuits. <i>FASEB Journal</i> , 2017, 31, 1953-1963.	0.2	21
13	The Transcriptome of Type I Murine Astrocytes under Interferon-Gamma Exposure and Remyelination Stimulus. <i>Molecules</i> , 2017, 22, 808.	1.7	21
14	Knockdown of L1CAM significantly reduces metastasis in a xenograft model of human melanoma: L1CAM is a potential target for anti-melanoma therapy. <i>PLoS ONE</i> , 2018, 13, e0192525.	1.1	20
15	Genome Sequence of the Pattern-Forming Social Bacterium <i>Paenibacillus dendritiformis</i> C454 Chiral Morphotype. <i>Journal of Bacteriology</i> , 2012, 194, 2127-2128.	1.0	19
16	Differential effects of left and right neuropathy on opioid gene expression in lumbar spinal cord. <i>Brain Research</i> , 2018, 1695, 78-83.	1.1	17
17	miRGTF-net: Integrative miRNA-gene-TF network analysis reveals key drivers of breast cancer recurrence. <i>PLoS ONE</i> , 2021, 16, e0249424.	1.1	16
18	Hindlimb motor responses to unilateral brain injury: spinal cord encoding and left-right asymmetry. <i>Brain Communications</i> , 2020, 2, fcaa055.	1.5	15

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19	Integrin alpha-V is an important driver in pancreatic adenocarcinoma progression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 214.	3.5	13
20	Generalized Approximate Weak Greedy Algorithms. <i>Mathematical Notes</i> , 2005, 78, 170-184.	0.1	12
21	Instrumental tactile diagnostics in robot-assisted surgery. <i>Medical Devices: Evidence and Research</i> , 2016, Volume 9, 377-382.	0.4	12
22	Particle Simulation for Predicting Effective Properties of Short Fiber Reinforced Composites. <i>International Journal of Applied Mechanics</i> , 2016, 08, 1650016.	1.3	11
23	Xenograft-derived mRNA/miR and protein interaction networks of systemic dissemination in human prostate cancer. <i>European Journal of Cancer</i> , 2020, 137, 93-107.	1.3	10
24	Left-Right Side-Specific Neuropeptide Mechanism Mediates Contralateral Responses to a Unilateral Brain Injury. <i>ENeuro</i> , 2021, 8, ENEURO.0548-20.2021.	0.9	10
25	On Statistical Relationship between ADRA2A Expression and the Risk of Breast Cancer Relapse. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 157, 454-458.	0.3	9
26	miRNA-mediated expression switch of cell adhesion genes driven by microcirculation in chip. <i>Biochip Journal</i> , 2017, 11, 262-269.	2.5	9
27	Left-right side-specific endocrine signaling complements neural pathways to mediate acute asymmetric effects of brain injury. <i>ELife</i> , 2021, 10, .	2.8	9
28	On orthorecursive expansions with errors in the calculation of coefficients. <i>Izvestiya Mathematics</i> , 2005, 69, 1-14.	0.1	8
29	Plasma Level of hsa-miR-619-5p microRNA Is Associated with Prostatic Cancer Dissemination beyond the Capsule. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 163, 475-477.	0.3	8
30	Novel biomarkers in cancer: The whole is greater than the sum of its parts. <i>Seminars in Cancer Biology</i> , 2017, 45, 50-57.	4.3	8
31	Prognostic Impact of CEACAM1 in Node-Negative Ovarian Cancer Patients. <i>Disease Markers</i> , 2018, 2018, 1-10.	0.6	8
32	Psychophysiological methods for the diagnostics of human functional states: New approaches and perspectives. <i>Psychology in Russia: State of the Art</i> , 2016, 9, 23-36.	0.1	8
33	Instrumental Mechanoreceptor Palpation in Gastrointestinal Surgery. <i>Minimally Invasive Surgery</i> , 2017, 2017, 1-6.	0.1	6
34	On the Construction of Medical Test Systems Using Greedy Algorithm and Support Vector Machine. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 156, 706-709.	0.3	5
35	Comparison of the Results of PCR Analysis of Gene Expression in Breast Cancer Tissue Specimens Stabilized in Formalin and RNAlater. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 156, 486-490.	0.3	3
36	On the properties of orthorecursive expansions with respect to subspaces. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2014, 284, 129-132.	0.1	3

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37	Transcriptome Guided Drug Combination Suppresses Proliferation of Breast Cancer Cells. Bulletin of Experimental Biology and Medicine, 2019, 166, 656-660.	0.3	3
38	Automated real-time classification of functional states: the significance of individual tuning stage. Psychology in Russia: State of the Art, 2013, 6, 41.	0.1	3
39	On orthorecursive expansion by a certain function system. Izvestiya Mathematics, 2002, 66, 59-70.	0.1	2
40	On the orthorecursive expansion with respect to a certain function system with computational errors in the coefficients. Sbornik Mathematics, 2004, 195, 935-949.	0.2	2
41	Automated Real-time Classification of Functional States based on Physiological Parameters. Procedia, Social and Behavioral Sciences, 2013, 86, 373-378.	0.5	2
42	Statistic Parametric Mapping of Changes in Gene Activity in Animal Brain during Acoustic Stimulation. Bulletin of Experimental Biology and Medicine, 2013, 154, 697-699.	0.3	2
43	Automated real-time correction of intraoperative medical tactile images: sensitivity adjustment and suppression of contact angle artifact. Applied Mathematical Sciences, 2016, 10, 2831-2842.	0.0	2
44	Greedy Expansions with Prescribed Coefficients in Hilbert Spaces. International Journal of Mathematics and Mathematical Sciences, 2018, 2018, 1-6.	0.3	2
45	Convergence Almost Everywhere of Orthorecursive Expansions in Functional Systems. Studies in Systems, Decision and Control, 2016, , 3-11.	0.8	2
46	Haptic device in endoscopy. Studies in Health Technology and Informatics, 2014, 196, 365-8.	0.2	2
47	Experimental and theoretical determination of Young's modulus for a composite material made of phenolic resins reinforced by short fibers. Moscow University Mechanics Bulletin, 2015, 70, 92-96.	0.0	1
48	Coordinated expression of the renin-angiotensin genes in the lumbar spinal cord: Lateralization and effects of unilateral brain injury. European Journal of Neuroscience, 2021, 54, 5560-5573.	1.2	1
49	Automated Detection of Heterogeneity in Medical Tactile Images. Studies in Health Technology and Informatics, 2016, 220, 383-9.	0.2	1
50	An Interactive Method of Anatomical Segmentation and Gene Expression Estimation for an Experimental Mouse Brain Slice. Lecture Notes in Computer Science, 2011, , 86-97.	1.0	0
51	On the Hamming distance between almost all Boolean functions. Journal of Mathematical Sciences, 2011, 172, 650-653.	0.1	0
52	A tree labeling problem with an application to optimal approximation of continuous functions. Mathematical Notes, 2012, 91, 22-33.	0.1	0
53	A Remark on the Most Informative EEG Signal Components in a Super-scalable Method for Functional State Classification based on the Wavelet Decomposition. Procedia, Social and Behavioral Sciences, 2013, 86, 18-23.	0.5	0
54	The condition of almost everywhere convergence for a functional series with a weak analogue of the orthonormality property. Moscow University Mathematics Bulletin, 2016, 71, 61-67.	0.3	0

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55	A condition for almost everywhere convergence of orthorecursive expansions. Moscow University Mathematics Bulletin, 2016, 71, 191-195.	0.3	0
56	Frames as Continuous Redundant Codes. Moscow University Mathematics Bulletin, 2021, 76, 73-77.	0.3	0