

Yury V Bukhman

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,472
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

4665
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale mapping of human protein-protein interactions by mass spectrometry. <i>Molecular Systems Biology</i> , 2007, 3, 89.	7.2	850
2	Electroconvulsive Seizures Regulate Gene Expression of Distinct Neurotrophic Signaling Pathways. <i>Journal of Neuroscience</i> , 2004, 24, 2667-2677.	3.6	291
3	Deficient Hippocampal Neuron Expression of Proteasome, Ubiquitin, and Mitochondrial Genes in Multiple Schizophrenia Cohorts. <i>Biological Psychiatry</i> , 2005, 58, 85-96.	1.3	289
4	Cyclin D1 is a direct target of JAG1-mediated Notch signaling in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2010, 123, 113-124.	2.5	149
5	Effects of PHENYLALANINE AMMONIA LYASE (PAL) knockdown on cell wall composition, biomass digestibility, and biotic and abiotic stress responses in <i>Brachypodium</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 4317-4335.	4.8	146
6	Altered Lipid Composition and Enhanced Nutritional Value of <i>Arabidopsis</i> Leaves following Introduction of an Algal Diacylglycerol Acyltransferase 2. <i>Plant Cell</i> , 2013, 25, 677-693.	6.6	95
7	Plant-derived antifungal agent poacic acid targets β -1,3-glucan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1490-7.	7.1	91
8	Affinities and selectivities of divalent cation binding sites within an RNA tertiary structure 1 Edited by I. Tinoco. <i>Journal of Molecular Biology</i> , 1997, 273, 1020-1031.	4.2	89
9	Global Gene Expression Patterns in <i>Clostridium thermocellum</i> as Determined by Microarray Analysis of Chemostat Cultures on Cellulose or Cellobiose. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1243-1253.	3.1	75
10	Differential Analysis of Membrane Proteins in Mouse Fore- and Hindbrain Using a Label-Free Approach. <i>Journal of Proteome Research</i> , 2006, 5, 2701-2710.	3.7	56
11	Reference genome and demographic history of the most endangered marine mammal, the vaquita. <i>Molecular Ecology Resources</i> , 2021, 21, 1008-1020.	4.8	54
12	Systems biology defines the biological significance of redox-active proteins during cellulose degradation in an aerobic bacterium. <i>Molecular Microbiology</i> , 2014, 94, 1121-1133.	2.5	51
13	Comparison of microarray-based mRNA profiling technologies for identification of psychiatric disease and drug signatures. <i>Journal of Neuroscience Methods</i> , 2004, 138, 173-188.	2.5	48
14	Aromatic inhibitors derived from ammonia-pretreated lignocellulose hinder bacterial ethanologenesis by activating regulatory circuits controlling inhibitor efflux and detoxification. <i>Frontiers in Microbiology</i> , 2014, 5, 402.	3.5	46
15	Acidic nuclear phosphoprotein 32kDa (ANP32)B-deficient mouse reveals a hierarchy of ANP32 importance in mammalian development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10243-10248.	7.1	38
16	Diverse lignocellulosic feedstocks can achieve high field-scale ethanol yields while providing flexibility for the biorefinery and landscape-level environmental benefits. <i>GCB Bioenergy</i> , 2018, 10, 825-840.	5.6	31
17	Modeling Microbial Growth Curves with GCAT. <i>Bioenergy Research</i> , 2015, 8, 1022-1030.	3.9	28
18	DESIGN AND ANALYSIS OF QUANTITATIVE DIFFERENTIAL PROTEOMICS INVESTIGATIONS USING LC-MS TECHNOLOGY. <i>Journal of Bioinformatics and Computational Biology</i> , 2008, 06, 107-123.	0.8	18

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19	Dicholine succinate, the neuronal insulin sensitizer, normalizes behavior, REM sleep, hippocampal pGSK3 beta and mRNAs of NMDA receptor subunits in mouse models of depression. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 37.	2.0	15
20	Thermal Methods for the Analysis of RNA Folding Pathways. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2000, 2, Unit 11.3.	0.5	12