

# 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	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
2	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
3	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
4	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
5	Modeling Microbial Growth Curves with GCAT. <i>Bioenergy Research</i> , 2015, 8, 1022-1030.	3.9	28
6	Plant-derived antifungal agent poacic acid targets Î <sup>2</sup> -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
7	Aromatic inhibitors derived from ammonia-pretreated lignocellulose hinder bacterial ethanologenesi s by activating regulatory circuits controlling inhibitor efflux and detoxification. <i>Frontiers in Microbiology</i> , 2014, 5, 402.	3.5	46
8	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
9	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
10	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
11	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
12	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
13	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
14	Large-scale mapping of human protein-protein interactions by mass spectrometry. <i>Molecular Systems Biology</i> , 2007, 3, 89.	7.2	850
15	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
16	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
17	Electroconvulsive Seizures Regulate Gene Expression of Distinct Neurotrophic Signaling Pathways. <i>Journal of Neuroscience</i> , 2004, 24, 2667-2677.	3.6	291
18	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

#	ARTICLE	IF	CITATIONS
19	Thermal Methods for the Analysis of RNA Folding Pathways. Current Protocols in Nucleic Acid Chemistry, 2000, 2, Unit 11.3.	0.5	12
20	Affinities and selectivities of divalent cation binding sites within an RNA tertiary structure 1 Edited by I. Tinoco. Journal of Molecular Biology, 1997, 273, 1020-1031.	4.2	89