

# Oleg Moskvin

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,863  
citations

361413

20  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiome responses to dietary intervention with hypocholesterolemic vegetable oils. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 24.	6.4	11
2	UM171 expands distinct types of myeloid and NK progenitors from human pluripotent stem cells. <i>Scientific Reports</i> , 2019, 9, 6622.	3.3	21
3	NOTCH signaling specifies arterial-type definitive hemogenic endothelium from human pluripotent stem cells. <i>Nature Communications</i> , 2018, 9, 1828.	12.8	97
4	GATA2 Is Dispensable for Specification of Hemogenic Endothelium but Promotes Endothelial-to-Hematopoietic Transition. <i>Stem Cell Reports</i> , 2018, 11, 197-211.	4.8	33
5	Zebrafish <i>zic2</i> controls formation of periocular neural crest and choroid fissure morphogenesis. <i>Developmental Biology</i> , 2017, 429, 92-104.	2.0	32
6	Genome Sequence and Analysis of a Stress-Tolerant, Wild-Derived Strain of <i>Saccharomyces cerevisiae</i> Used in Biofuels Research. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1757-1766.	1.8	61
7	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
8	Aromatic inhibitors derived from ammonia-pretreated lignocellulose hinder bacterial ethanologensis by activating regulatory circuits controlling inhibitor efflux and detoxification. <i>Frontiers in Microbiology</i> , 2014, 5, 402.	3.5	46
9	Altered residues in key proteins influence the expression and activity of the nitrogenase complex in an adaptive CO <sub>2</sub> fixation-deficient mutant strain of <i>Rhodobacter sphaeroides</i> . <i>Microbiology (United Kingdom)</i> 1 0.784384 rgBT Overloc		
10	Rhodobase, a meta-analytical tool for reconstructing gene regulatory networks in a model photosynthetic bacterium. <i>BioSystems</i> , 2011, 103, 125-131.	2.0	5
11	Salt Stress-Induced Changes in the Transcriptome, Compatible Solutes, and Membrane Lipids in the Facultatively Phototrophic Bacterium <i>Rhodobacter sphaeroides</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 7551-7559.	3.1	63
12	The PpaA/AerR Regulators of Photosynthesis Gene Expression from Anoxygenic Phototrophic Proteobacteria Contain Heme-Binding SCHIC Domains. <i>Journal of Bacteriology</i> , 2010, 192, 5253-5256.	2.2	17
13	Natural and Engineered Photoactivated Nucleotidyl Cyclases for Optogenetic Applications. <i>Journal of Biological Chemistry</i> , 2010, 285, 41501-41508.	3.4	194
14	Hierarchical Regulation of Photosynthesis Gene Expression by the Oxygen-Responsive PrrBA and AppA-PpsR Systems of <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2008, 190, 8106-8114.	2.2	20
15	Novel Heme-based Oxygen Sensor with a Revealing Evolutionary History. <i>Journal of Biological Chemistry</i> , 2007, 282, 28740-28748.	3.4	58
16	Regulation of Hydrogen Peroxide-Dependent Gene Expression in <i>Rhodobacter sphaeroides</i> : Regulatory Functions of OxyR. <i>Journal of Bacteriology</i> , 2007, 189, 3784-3792.	2.2	31
17	Transcriptome Analysis of the <i>Rhodobacter sphaeroides</i> PpsR Regulon: PpsR as a Master Regulator of Photosystem Development. <i>Journal of Bacteriology</i> , 2005, 187, 2148-2156.	2.2	66
18	Transcriptome and Physiological Responses to Hydrogen Peroxide of the Facultatively Phototrophic Bacterium <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2005, 187, 7232-7242.	2.2	59

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19	Cyclic Diguanylate Is a Ubiquitous Signaling Molecule in Bacteria: Insights into Biochemistry of the GGDEF Protein Domain. <i>Journal of Bacteriology</i> , 2005, 187, 1792-1798.	2.2	509
20	Responses of the <i>Rhodobacter sphaeroides</i> Transcriptome to Blue Light under Semiaerobic Conditions. <i>Journal of Bacteriology</i> , 2004, 186, 7726-7735.	2.2	62
21	Construction and Validation of the <i>Rhodobacter sphaeroides</i> 2.4.1 DNA Microarray: Transcriptome Flexibility at Diverse Growth Modes. <i>Journal of Bacteriology</i> , 2004, 186, 4748-4758.	2.2	75
22	Carbonic Anhydrase Activities in Pea Thylakoids. <i>Photosynthesis Research</i> , 2004, 79, 93-100.	2.9	34
23	Identification and in vivo characterization of PpaA, a regulator of photosystem formation in <i>Rhodobacter sphaeroides</i> . <i>Microbiology (United Kingdom)</i> , 2003, 149, 377-388.	1.8	49
24	A photosystem II-associated carbonic anhydrase regulates the efficiency of photosynthetic oxygen evolution. <i>EMBO Journal</i> , 2002, 21, 1930-1938.	7.8	94
25	Phosphorylation by Cyclin-Dependent Protein Kinase 5 Of The Regulatory Subunit ( $P\hat{1}^3$ ) Of Retinal cGMP Phosphodiesterase (PDE6): Its Implications In Phototransduction. <i>Advances in Experimental Medicine and Biology</i> , 2002, 514, 131-153.	1.6	17
26	Effects of Carbonic Anhydrase Inhibitors on Proton Exchange and Photosynthesis in Pea Protoplasts. <i>Russian Journal of Plant Physiology</i> , 2001, 48, 467-472.	1.1	10
27	Light-induced stimulation of carbonic anhydrase activity in pea thylakoids. <i>FEBS Letters</i> , 2000, 470, 375-377.	2.8	25
28	Carbonic anhydrases in the C3 -plant leaf cell. <i>Functional Plant Biology</i> , 1998, 25, 673.	2.1	19