

# Ivan M Vikhlyantsev

## List of Publications by Year in descending order

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36  
papers

568  
citations

759233

12  
h-index

642732

23  
g-index

36  
all docs

36  
docs citations

36  
times ranked

647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Congo Red and amyloids: history and relationship. Bioscience Reports, 2019, 39, .	2.4	230
2	Isoform Composition and Gene Expression of Thick and Thin Filament Proteins in Striated Muscles of Mice after 30-Day Space Flight. BioMed Research International, 2015, 2015, 1-13.	1.9	45
3	New titin (connectin) isoforms and their functional role in striated muscles of mammals: Facts and suppositions. Biochemistry (Moscow), 2012, 77, 1515-1535.	1.5	34
4	Nuances of electrophoresis study of titin/connectin. Biophysical Reviews, 2017, 9, 189-199.	3.2	28
5	The Y-Box Binding Protein 1 Suppresses Alzheimer's Disease Progression in Two Animal Models. PLoS ONE, 2015, 10, e0138867.	2.5	24
6	Anti-amyloid activities of three different types of water-soluble fullerene derivatives. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110426.	5.0	17
7	Increased Autolysis of $\gamma$ -Calpain in Skeletal Muscles of Chronic Alcohol-Fed Rats. Alcoholism: Clinical and Experimental Research, 2017, 41, 1686-1694.	2.4	16
8	Comparative electron microscopic study on projectin and titin binding to F-actin. Insect Biochemistry and Molecular Biology, 2003, 33, 789-793.	2.7	15
9	Smooth muscle titin forms <i>in vitro</i> amyloid aggregates. Bioscience Reports, 2016, 36, .	2.4	14
10	Different amyloid aggregation of smooth muscles titin <i>in vitro</i> . Journal of Biomolecular Structure and Dynamics, 2018, 36, 2237-2248.	3.5	14
11	Effect of L-Arginine on Titin Expression in Rat Soleus Muscle After Hindlimb Unloading. Frontiers in Physiology, 2019, 10, 1221.	2.8	13
12	Changes in isoform composition, structure, and functional properties of titin from mongolian gerbil ( <i>Meriones unguiculatus</i> ) cardiac muscle after space flight. Biochemistry (Moscow), 2011, 76, 1312-1320.	1.5	12
13	Seasonal changes in isoform composition of giant proteins of thick and thin filaments and titin (connectin) phosphorylation level in striated muscles of bears (Ursidae, Mammalia). Biochemistry (Moscow), 2015, 80, 343-355.	1.5	12
14	Amyloids: The History of Toxicity and Functionality. Biology, 2021, 10, 394.	2.8	12
15	Cellular and molecular signatures of alcohol-induced myopathy in women. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E967-E976.	3.5	10
16	On the titin isoforms. Biophysics (Russian Federation), 2006, 51, 842-848.	0.7	7
17	Fluorescence of plant microspores as biosensors. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2012, 6, 105-112.	0.6	7
18	Changes in gene expression and titin (connectin) content in striated muscles of chronically alcoholized rats. Molecular Biology, 2013, 47, 871-878.	1.3	6

#	ARTICLE	IF	CITATIONS
19	New Model for Stacking Monomers in Filamentous Actin from Skeletal Muscles of <i>Oryctolagus cuniculus</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 8319.	4.1	6
20	NOS-dependent effects of plantar mechanical stimulation on mechanical characteristics and cytoskeletal proteins in rat soleus muscle during hindlimb suspension. <i>FASEB Journal</i> , 2021, 35, e21905.	0.5	6
21	Chronic alcohol intoxication is not accompanied by an increase in calpain proteolytic activity in cardiac muscle of rats. <i>Biochemistry (Moscow)</i> , 2017, 82, 168-175.	1.5	5
22	Predominant synthesis of giant myofibrillar proteins in striated muscles of the long-tailed ground squirrel <i>Urocyon v. undulatus</i> during interbout arousal. <i>Scientific Reports</i> , 2020, 10, 15185.	3.3	5
23	Seasonal changes in proteolytic activity of calpains in striated muscles of long-tailed ground squirrel <i>Spermophilus undulatus</i> . <i>Doklady Biochemistry and Biophysics</i> , 2017, 472, 56-59.	0.9	4
24	Myosin Binding Protein-C Forms Amyloid-Like Aggregates In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 731.	4.1	4
25	Amyloid Aggregates of Smooth-Muscle Titin Impair Cell Adhesion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4579.	4.1	4
26	Isoform composition of proteins of myosin filaments in cardiac muscle of mongolian gerbils ( <i>Meriones unguiculatus</i> ) after space flight. <i>Doklady Biochemistry and Biophysics</i> , 2010, 430, 14-16.	0.9	3
27	Method for isolation of intact titin (connectin) molecules from mammalian cardiac muscle. <i>Biochemistry (Moscow)</i> , 2013, 78, 455-462.	1.5	3
28	Amyloid properties of titin. <i>Biochemistry (Moscow)</i> , 2017, 82, 1675-1685.	1.5	3
29	Phosphorylation of myosin light chains and C-protein in the myocardium of hibernating ground squirrel <i>Citellus undulatus</i> . <i>Biophysics (Russian Federation)</i> , 2006, 51, 822-825.	0.7	2
30	Bioactivity of Exogenous Cytoskeleton Proteins: Regulation of Development of Plant Microspores as Biosensors. <i>Current Bioactive Compounds</i> , 2012, 8, 287-290.	0.5	2
31	Changes in gene expression and content of Hsp70 and Hsp90 in striated muscles of mice after 30-day space flight on the biosatellite Bion-M1. <i>Doklady Biochemistry and Biophysics</i> , 2015, 463, 199-202.	0.9	2
32	Study of the complement activation by amyloid aggregates of smooth muscle titin in vitro. <i>Journal of Immunoassay and Immunochemistry</i> , 2020, 41, 132-143.	1.1	2
33	On the Peculiarities of the Aggregation of Multidomain Muscle Proteins. <i>Biophysics (Russian)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	1
34	Peculiarities of SDS-PAGE of Titin/Connectin. , 2018, , .		0
35	Torpor versus interbout arousal: what is more important for protein metabolism and regeneration?. <i>Experimental Physiology</i> , 2021, 106, 801-802.	2.0	0
36	A 3-Day Functional Unloading is Accompanied by an Increase in the TTN Gene Expression in the Rat Soleus Muscle without Changes in Alternative Splicing from Exon 50 to Exon 111. <i>Biophysics (Russian)</i> Tj ETQq0 0 0.784314 rgBT /Overlock 10	0.7	0