Alexander Mikhailov

List of Publications by Year
in descending order

45	542	686830 13	713013 21
papers	citations	h-index	g-index

47	47	47	765
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The enigmatic role of the ankyrin repeat domain 1 gene in heart development and disease. International Journal of Developmental Biology, 2008, 52, 811-821.	0.3	64
2	Myocardin mRNA is augmented in the failing myocardium: expression profiling in the porcine model and human dilated cardiomyopathy. Journal of Molecular Medicine, 2003, 81, 566-577.	1.7	51
3	Left-right asymmetric ventricular expression of CARP in the piglet heart: regional response to experimental heart failure. European Journal of Heart Failure, 2004, 6, 161-172.	2.9	34
4	ANKRD1 specifically binds CASQ2 in heart extracts and both proteins are co-enriched in piglet cardiac Purkinje cells. Journal of Molecular and Cellular Cardiology, 2005, 38, 353-365.	0.9	29
5	Male-Predominant Carboxylesterase Expression in the Reproductive System of Molluscs and Insects: Immunochemical and Biochemical Similarity between Mytilus Male Associated Polypeptide (MAP) and Drosophila Sex-Specific Esterase S. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1997, 118, 197-208.	0.7	25
6	A MicroRNA-Transcription Factor Blueprint for Early Atrial Arrhythmogenic Remodeling. BioMed Research International, 2015, 2015, 1-13.	0.9	24
7	Carboxylesterase overexpression in the male reproductive tract: a universal safeguarding mechanism?. Reproduction, Fertility and Development, 1999, 11, 133.	0.1	22
8	Intron retention generates ANKRD1 splice variants that are co-regulated with the main transcript in normal and failing myocardium. Gene, 2009, 440, 28-41.	1.0	20
9	Differential atrial versus ventricular ANKRD1 gene expression is oppositely regulated at diastolic heart failure. FEBS Letters, 2006, 580, 4182-4187.	1.3	16
10	Pitx2c Is Reactivated in the Failing Myocardium and Stimulates Myf5 Expression in Cultured Cardiomyocytes. PLoS ONE, 2014, 9, e90561.	1.1	16
11	Carboxylesterases moonlight in the male reproductive tract: a functional shift pivotal for male fertility. Frontiers in Bioscience - Landmark, 2000, 5, e53.	3.0	16
12	Targeted Gene-Silencing Reveals the Functional Significance of Myocardin Signaling in the Failing Heart. PLoS ONE, 2011, 6, e26392.	1.1	15
13	From development to evolution: the re-establishment of the "Alexander Kowalevsky Medal". International Journal of Developmental Biology, 2002, 46, 693-8.	0.3	14
14	Male-associated polypeptide (MAP) expression in different compartments of the reproductive system of the mussel Mytilus galloprovincialis : immunocytochemical and Western blot study. Cell and Tissue Research, 1998, 294, 537-547.	1.5	13
15	Sexual differentiation of reproductive tissue in bivalve molluscs: identification of male associated polypeptide in the mantle of Mytilus galloprovincialis Lmk. International Journal of Developmental Biology, 1995, 39, 545-8.	0.3	13
16	Annual cycle of expression of connective tissue polypeptide markers in the mantle of the musselMytilus galloprovincialis. Marine Biology, 1996, 126, 77-89.	0.7	12
17	In vivo forced expression of myocardin in ventricular myocardium transiently impairs systolic performance in early neonatal pig heart. International Journal of Developmental Biology, 2009, 53, 1457-1467.	0.3	11
18	Myocardial transcription factors in diastolic dysfunction: clues for model systems and disease. Heart Failure Reviews, 2016, 21, 783-794.	1.7	11

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19	A Novel Heterozygous Intronic Mutation in the FBN1 Gene Contributes to FBN1 RNA Missplicing Events in the Marfan Syndrome. BioMed Research International, 2018, 2018, 1-10.	0.9	11
20	Immunochemical Study of Gangliosides at the Cell Surface of Sea Urchin Embryos. Differentiation, 1981, 18, 43-50.	1.0	10
21	Gonad Recruitment of Carboxylesterase Genes during Evolution of the Reproductive System: Conserved Male-Specific Overexpression in Mussels, Fruitflies, and Mammals. Annals of the New York Academy of Sciences, 1999, 870, 389-391.	1.8	10
22	Identification of Candidate Genes Potentially Relevant to Chamber-Specific Remodeling in Postnatal Ventricular Myocardium. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-10.	3.0	10
23	In Search of Novel Targets for Heart Disease: Myocardin and Myocardin-Related Transcriptional Cofactors. Biochemistry Research International, 2012, 2012, 1-11.	1.5	10
24	Interplay between cardiac transcription factors and non-coding RNAs in predisposing to atrial fibrillation. Journal of Molecular Medicine, 2018, 96, 601-610.	1.7	10
25	Mussel MAP, a major gonad-duct esterase-like protein, is released into sea water as a dual constituent of the seminal fluid and the spermatozoon. Journal of Experimental Biology, 2003, 206, 313-326.	0.8	8
26	<scp>R</scp>ussian comparative embryology takes form: a conceptual metamorphosis toward â€œevoâ€devoâ€. Evolution & Development, 2012, 14, 9-19.	1.1	8
27	Gangliosides of sea urchin embryos. Their localization and participation in early development. FEBS Journal, 1989, 186, 189-194.	0.2	6
28	Detection of protein interactions based on GFP fragment complementation by fluorescence microscopy and spectrofluorometry. BioTechniques, 2008, 44, 70-74.	0.8	6
29	Exon-skipping brain natriuretic peptide variant is overexpressed in failing myocardium and attenuates brain natriuretic peptide production in vitro. Experimental Biology and Medicine, 2010, 235, 941-951.	1.1	6
30	Consequences of the Spemann-Mangold organizer concept for embryological research in Russia: personal impressions. International Journal of Developmental Biology, 2001, 45, 83-96.	0.3	6
31	Sex-dependent carboxylesterase expression in the reproductive system of bivalve molluscs: an approach to substrate-specific detection of male associated polypeptide (MAP) after SDS-electrophoretic separation of crude gonad extracts. Invertebrate Reproduction and Development, 1997, 32, 259-265.	0.3	5
32	Frog lim-1-like protein is expressed predominantly in the nervous tissue, gonads, and early embryos of the bivalve mollusc Mytilus galloprovincialis. Biological Bulletin, 2000, 199, 29-40.	0.7	4
33	Epigenesis versus preformation: first chapter of the Russian embryological research. International Journal of Developmental Biology, 1997, 41, 755-62.	0.3	4
34	Esterase-like and fibronectin-like polypeptides share similar sex-cell-biased patterns in the gonad of hermaphroditic and gonochoric species of bivalve mollusks. Cell and Tissue Research, 2005, 322, 475-489.	1.5	3
35	The cardiac ankyrin repeat domain 1 protein: do you know enough about its dimerization properties?. Journal of Muscle Research and Cell Motility, 2006, 27, 203-204.	0.9	3
36	Partially purified factor from embryonic chick brain can provoke neuralization of Rana temporaria and Triturus alpestris but not Xenopus laevis early gastrula ectoderm. International Journal of Developmental Biology, 1995, 39, 317-25.	0.3	3

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37	Immunochemical analysis of water-soluble antigens of chick retina in the course of embryogenesis. Journal of Embryology and Experimental Morphology, 1975, 34, 531-57.	0.5	2
38	Developmental patterns of crystallin expression during lens fiber differentiation in amphibians. International Journal of Developmental Biology, 1997, 41, 883-91.	0.3	2
39	Immunoelectrophoretic analysis of water-soluble antigens of the chicken retina. Bulletin of Experimental Biology and Medicine, 1970, 70, 920-922.	0.3	1
40	Mussels Mytilus as Model Organisms in Marine Biotechnology. , 1998, , 259-262.		1
41	Organ specificity of retinal tissue antigens in fowls. Bulletin of Experimental Biology and Medicine, 1971, 71, 554-556.	0.3	0
42	Biosynthesis and production of specific ?1-globulin in rats during pregnancy. Bulletin of Experimental Biology and Medicine, 1979, 88, 730-732.	0.3	0
43	In memory of Nikolai Grigoryevich Khrushchov: A view from the past. Russian Journal of Developmental Biology, 2010, 41, 55-58.	0.1	0
44	Exploring the past through the present. Evolution & Development, 2013, 15, 3-4.	1.1	0
45	Interrogating the Interplay between Cardiac Transcription Factors and Non-Coding RNAs in Atrial Fibrillation. , 0, , .		0