Pawel Michalak

List of Publications by Year
in descending order

27	1,053	516561 16	580701 25
papers	citations	h-index	g-index

27	27	27	1617
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomic divergence and adaptive convergence in Drosophila simulans from Evolution Canyon, Israel. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11839-11844.	3.3	12
2	Transcriptomic imprints of adaptation to fresh water: parallel evolution of osmoregulatory gene expression in the Alewife. Molecular Ecology, 2017, 26, 831-848.	2.0	54
3	Regulation of gene expression and RNA editing in Drosophila adapting to divergent microclimates. Nature Communications, 2017, 8, 1570.	5.8	43
4	From Big Data Analytics and Network Inference to Systems Modeling. , 2016, , 113-144.		0
5	Modeling the Regulatory Mechanisms by Which NLRX1 Modulates Innate Immune Responses to Helicobacter pylori Infection. PLoS ONE, 2015, 10, e0137839.	1.1	32
6	Nucleolar dominance and maternal control of 45S rDNA expression. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152201.	1.2	12
7	Sympatric Differentiation and Speciation: Insights from Drosophila Studies. , 2015, , 107-140.		1
8	Divergence of Drosophila melanogaster repeatomes in response to a sharp microclimate contrast in Evolution Canyon, Israel. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10630-10635.	3.3	42
9	Betaâ€thymosin gene polymorphism associated with freshwater invasiveness of alewife (Alosa) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	4
10	Genome differentiation of Drosophila melanogaster from a microclimate contrast in Evolution Canyon, Israel. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 21059-21064.	3.3	35
11	Hybridization between the African clawed frogs Xenopus laevis and Xenopus muelleri (Pipidae) increases the multiplicity of antimicrobial peptides in skin secretions of female offspring. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2012, 7, 285-291.	0.4	10
12	Genetic Divergence between Freshwater and Marine Morphs of Alewife (Alosa pseudoharengus): A â€˜Next-Generationâ€™ Sequencing Analysis. PLoS ONE, 2012, 7, e31803.	1.1	27
13	Ephemeral Association Between Gene CG5762 and Hybrid Male Sterility in Drosophila Sibling Species. Journal of Molecular Evolution, 2011, 73, 181-187.	0.8	5
14	Misexpression of Testicular MicroRNA in Sterile Xenopus Hybrids Points to Tetrapod-Specific MicroRNAs Associated with Male Fertility. Journal of Molecular Evolution, 2011, 73, 316-324.	0.8	12
15	Snapshot of DNA methylation changes associated with hybridization inXenopus. Physiological Genomics, 2011, 43, 1276-1280.	1.0	17
16	Gene expression analysis of the ovary of hybrid females of Xenopus laevis and X. muelleri. BMC Evolutionary Biology, 2008, 8, 82.	3.2	22
17	Testis-derived microRNA profiles of African clawed frogs (Xenopus) and their sterile hybrids. Genomics, 2008, 91, 158-164.	1.3	33
18	Coexpression, coregulation, and cofunctionality of neighboring genes in eukaryotic genomes. Genomics, 2008, 91, 243-248.	1.3	261

#	Article	IF	Citations
19	The acylphosphatase (Acyp) alleles associate with male hybrid sterility in Drosophila. Gene, 2008, 416, 61-65.	1.0	11
20	Sterility and Gene Expression in Hybrid Males of Xenopus laevis and X. muelleri. PLoS ONE, 2007, 2, e781.	1.1	53
21	Gene expression polymorphism inDrosophilapopulations. Molecular Ecology, 2007, 16, 1179-1189.	2.0	19
22	Sex-Biased Gene Expression in a ZW Sex Determination System. Journal of Molecular Evolution, 2006, 63, 427-436.	0.8	26
23	Association of Misexpression with Sterility in Hybrids of Drosophila simulansand D. mauritiana. Journal of Molecular Evolution, 2004, 59, 277-282.	0.8	62
24	Genome-Wide Patterns of Expression in Drosophila Pure Species and Hybrid Males. Molecular Biology and Evolution, 2003, 20, 1070-1076.	3.5	146
25	Modification of Heat-Shock Gene Expression in Drosophila melanogaster Populations via Transposable Elements. Molecular Biology and Evolution, 2003, 20, 135-144.	3.5	94
26	Characterization of a Male-Predominant Antisense Transcript Underexpressed in Hybrids of Drosophila pseudoobscura and D. persimilis. Genetics, 2003, 165, 1823-1830.	1.2	3
27	Evolvability of Hsp70 Expression under Artificial Selection for Inducible Thermotolerance in Independent Populations ofDrosophila melanogaster. Physiological and Biochemical Zoology, 2002, 75, 325-334.	0.6	17