

Pawel Michalak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10509477/publications.pdf>

Version: 2024-02-01

27
papers

1,053
citations

516710

16
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1617
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Genomic divergence and adaptive convergence in <i>Drosophila simulans</i> from Evolution Canyon, Israel. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11839-11844. | 7.1 | 12 |
| 2 | Transcriptomic imprints of adaptation to fresh water: parallel evolution of osmoregulatory gene expression in the Alewife. Molecular Ecology, 2017, 26, 831-848. | 3.9 | 54 |
| 3 | Regulation of gene expression and RNA editing in <i>Drosophila</i> adapting to divergent microclimates. Nature Communications, 2017, 8, 1570. | 12.8 | 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 <i>Helicobacter pylori</i> Infection. PLoS ONE, 2015, 10, e0137839. | 2.5 | 32 |
| 6 | Nucleolar dominance and maternal control of 45S rDNA expression. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152201. | 2.6 | 12 |
| 7 | Sympatric Differentiation and Speciation: Insights from <i>Drosophila</i> Studies. , 2015, , 107-140. | | 1 |
| 8 | Divergence of <i>Drosophila melanogaster</i> 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. | 7.1 | 42 |
| 9 | Beta-thymosin gene polymorphism associated with freshwater invasiveness of alewife (<i>Alosa</i>) Tj ETQq1 1 0.784314 rgBT ₄ /Overlo | 1.2 | 1 |
| 10 | Genome differentiation of <i>Drosophila melanogaster</i> 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. | 7.1 | 35 |
| 11 | Hybridization between the African clawed frogs <i>Xenopus laevis</i> and <i>Xenopus muelleri</i> (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. | 1.0 | 10 |
| 12 | Genetic Divergence between Freshwater and Marine Morphs of Alewife (<i>Alosa pseudoharengus</i>): A "Next-Generation" Sequencing Analysis. PLoS ONE, 2012, 7, e31803. | 2.5 | 27 |
| 13 | Ephemeral Association Between Gene CG5762 and Hybrid Male Sterility in <i>Drosophila</i> Sibling Species. Journal of Molecular Evolution, 2011, 73, 181-187. | 1.8 | 5 |
| 14 | Misexpression of Testicular MicroRNA in Sterile <i>Xenopus</i> Hybrids Points to Tetrapod-Specific MicroRNAs Associated with Male Fertility. Journal of Molecular Evolution, 2011, 73, 316-324. | 1.8 | 12 |
| 15 | Snapshot of DNA methylation changes associated with hybridization in <i>Xenopus</i> . Physiological Genomics, 2011, 43, 1276-1280. | 2.3 | 17 |
| 16 | Gene expression analysis of the ovary of hybrid females of <i>Xenopus laevis</i> and <i>X. muelleri</i> . BMC Evolutionary Biology, 2008, 8, 82. | 3.2 | 22 |
| 17 | Testis-derived microRNA profiles of African clawed frogs (<i>Xenopus</i>) and their sterile hybrids. Genomics, 2008, 91, 158-164. | 2.9 | 33 |
| 18 | Coexpression, coregulation, and cofunctionality of neighboring genes in eukaryotic genomes. Genomics, 2008, 91, 243-248. | 2.9 | 261 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The acylphosphatase (Acyp) alleles associate with male hybrid sterility in <i>Drosophila</i> . <i>Gene</i> , 2008, 416, 61-65. | 2.2 | 11 |
| 20 | Sterility and Gene Expression in Hybrid Males of <i>Xenopus laevis</i> and <i>X. muelleri</i> . <i>PLoS ONE</i> , 2007, 2, e781. | 2.5 | 53 |
| 21 | Gene expression polymorphism in <i>Drosophila</i> populations. <i>Molecular Ecology</i> , 2007, 16, 1179-1189. | 3.9 | 19 |
| 22 | Sex-Biased Gene Expression in a ZW Sex Determination System. <i>Journal of Molecular Evolution</i> , 2006, 63, 427-436. | 1.8 | 26 |
| 23 | Association of Misexpression with Sterility in Hybrids of <i>Drosophila simulans</i> and <i>D. mauritiana</i> . <i>Journal of Molecular Evolution</i> , 2004, 59, 277-282. | 1.8 | 62 |
| 24 | Genome-Wide Patterns of Expression in <i>Drosophila</i> Pure Species and Hybrid Males. <i>Molecular Biology and Evolution</i> , 2003, 20, 1070-1076. | 8.9 | 146 |
| 25 | Modification of Heat-Shock Gene Expression in <i>Drosophila melanogaster</i> Populations via Transposable Elements. <i>Molecular Biology and Evolution</i> , 2003, 20, 135-144. | 8.9 | 94 |
| 26 | Characterization of a Male-Predominant Antisense Transcript Underexpressed in Hybrids of <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> . <i>Genetics</i> , 2003, 165, 1823-1830. | 2.9 | 3 |
| 27 | Evolvability of Hsp70 Expression under Artificial Selection for Inducible Thermotolerance in Independent Populations of <i>Drosophila melanogaster</i> . <i>Physiological and Biochemical Zoology</i> , 2002, 75, 325-334. | 1.5 | 17 |