# Steven Russell

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7442330/publications.pdf

Version: 2024-02-01

| 101 | 7,411 | 94381 | 64755 |
|---|---|---|---|
| papers | citations | 37 h-index | 79 g-index |

| 114 | 114 | 114 | 9197 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Drosophila nicotinic acetylcholine receptor subunits and their native interactions with insecticidal peptide toxins. ELife, 2022, 11, . | 2.8 | 5 |
| 2 | In Depth Exploration of the Alternative Proteome of Drosophila melanogaster. Frontiers in Cell and Developmental Biology, 2022, 10, . | 1.8 | 6 |
| 3 | The Evolution of Sox Gene Repertoires and Regulation of Segmentation in Arachnids. Molecular Biology and Evolution, 2021, 38, 3153-3169. | 3.5 | 10 |
| 4 | Characterisation of protein isoforms encoded by the Drosophila Glycogen Synthase Kinase 3 gene shaggy. PLoS ONE, 2020, 15, e0236679. | 1.1 | 5 |
| 5 | Title is missing!. , 2020, 15, e0236679. | | 0 |
| 6 | Title is missing!. , 2020, 15, e0236679. | | 0 |
| 7 | Title is missing!. , 2020, 15, e0236679. | | 0 |
| 8 | Title is missing!. , 2020, 15, e0236679. | | 0 |
| 9 | High-resolution transcriptional profiling of Anopheles gambiae spermatogenesis reveals mechanisms of sex chromosome regulation. Scientific Reports, 2019, 9, 14841. | 1.6 | 26 |
| 10 | Chromatin accessibility plays a key role in selective targeting of Hox proteins. Genome Biology, 2019, 20, 115. | 3.8 | 36 |
| 11 | Comparison of Drosophila melanogaster Embryo and Adult Proteome by SWATH-MS Reveals Differential Regulation of Protein Synthesis, Degradation Machinery, and Metabolism Modules. Journal of Proteome Research, 2019, 18, 2525-2534. | 1.8 | 7 |
| 12 | Dosage-Dependent Expression Variation Suppressed on the Drosophila Male X Chromosome. G3: Genes, Genomes, Genetics, 2018, 8, 587-598. | 0.8 | 9 |
| 13 | Duplication and expression of Sox genes in spiders. BMC Evolutionary Biology, 2018, 18, 205. | 3.2 | 15 |
| 14 | A SoxB gene acts as an anterior gap gene and regulates posterior segment addition in a spider. ELife, 2018, 7, . | 2.8 | 26 |
| 15 | Spectral Libraries for SWATHâ€MS Assays for Drosophila melanogaster and Solanum lycopersicum. Proteomics, 2017, 17, 1700216. | 1.3 | 21 |
| 16 | Engineering the Drosophila Genome for Developmental Biology. Journal of Developmental Biology, 2017, 5, 16. | 0.9 | 19 |
| 17 | Regions of very low H3K27me3 partition the Drosophila genome into topological domains. PLoS ONE, 2017, 12, e0172725. | 1.1 | 32 |
| 18 | Role of co-repressor genomic landscapes in shaping the Notch response. PLoS Genetics, 2017, 13, e1007096. | 1.5 | 15 |

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|---|---|---|---|
| 19 | The evolutionally-conserved function of group B1 Sox family members confers the unique role of Sox2 in mouse ES cells. BMC Evolutionary Biology, 2016, 16, 173. | 3.2 | 33 |
| 20 | SWATH-MS dataset of heat-shock treated Drosophila melanogaster embryos. Data in Brief, 2016, 9, 991-995. | 0.5 | 3 |
| 21 | SWATH-MS data of Drosophila melanogaster proteome dynamics during embryogenesis. Data in Brief, 2016, 9, 771-775. | 0.5 | 7 |
| 22 | Analysis of Drosophila melanogaster proteome dynamics during embryonic development by a combination of labelâ€free proteomics approaches. Proteomics, 2016, 16, 2068-2080. | 1.3 | 24 |
| 23 | Roles of cofactors and chromatin accessibility in Hox protein target specificity. Epigenetics and Chromatin, 2016, 9, 1. | 1.8 | 68 |
| 24 | A CRISPR-Cas9 gene drive system targeting female reproduction in the malaria mosquito vector Anopheles gambiae. Nature Biotechnology, 2016, 34, 78-83. | 9.4 | 985 |
| 25 | Effects of Gene Dose, Chromatin, and Network Topology on Expression in Drosophila melanogaster. PLoS Genetics, 2016, 12, e1006295. | 1.5 | 38 |
| 26 | A Variably Occupied CTCF Binding Site in the Ultrabithorax Gene in the Drosophila Bithorax Complex. Molecular and Cellular Biology, 2015, 35, 318-330. | 1.1 | 22 |
| 27 | Safeguarding gene drive experiments in the laboratory. Science, 2015, 349, 927-929. | 6.0 | 254 |
| 28 | Chromatin signatures at Notchâ€regulated enhancers reveal largeâ€scale changes in H3K56ac upon activation. EMBO Journal, 2015, 34, 1889-1904. | 3.5 | 76 |
| 29 | Common binding by redundant group B Sox proteins is evolutionarily conserved in Drosophila. BMC Genomics, 2015, 16, 292. | 1.2 | 14 |
| 30 | Comparative Genomics of Transcription Factor Binding in Drosophila. True Bugs (Heteroptera) of the Neotropics, 2015, , 157-175. | 1.2 | 0 |
| 31 | Characterisation ofDrosophila UbxCPTI000601andhthCPTI000378Protein Trap Lines. Scientific World Journal, The, 2014, 2014, 1-14. | 0.8 | 3 |
| 32 | Development of synthetic selfish elements based on modular nucleases in Drosophila melanogaster. Nucleic Acids Research, 2014, 42, 7461-7472. | 6.5 | 64 |
| 33 | Analysis of the expression patterns, subcellular localisations and interaction partners of Drosophila proteins using a pigP protein trap library. Development (Cambridge), 2014, 141, 3994-4005. | 1.2 | 160 |
| 34 | SoxNeuro orchestrates central nervous system specification and differentiation in Drosophila and is only partially redundant with Dichaete. Genome Biology, 2014, 15, R74. | 13.9 | 33 |
| 35 | Male-Specific Fruitless Isoforms Target Neurodevelopmental Genes to Specify a Sexually Dimorphic Nervous System. Current Biology, 2014, 24, 229-241. | 1.8 | 95 |
| 36 | The role of Dichaete in transcriptional regulation during Drosophila embryonic development. BMC Genomics, 2013, 14, 861. | 1.2 | 31 |

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| 37 | Identifying targets of the Sox domain protein Dichaete in the Drosophila CNS via targeted expression of dominant negative proteins. BMC Developmental Biology, 2013, 13, 1. | 2.1 | 28 |
| 38 | Transcriptional Dynamics Elicited by a Short Pulse of Notch Activation Involves Feed-Forward Regulation by E(spl)/Hes Genes. PLoS Genetics, 2013, 9, e1003162. | 1.5 | 62 |
| 39 | Bayesian clustering of replicated time-course gene expression data with weak signals. Annals of Applied Statistics, 2013, 7, . | 0.5 | 4 |
| 40 | Optimising Homing Endonuclease Gene Drive Performance in a Semi-Refractory Species: The Drosophila melanogaster Experience. PLoS ONE, 2013, 8, e54130. | 1.1 | 52 |
| 41 | The Design and In Vivo Evaluation of Engineered I-OnuI-Based Enzymes for HEG Gene Drive. PLoS ONE, 2013, 8, e74254. | 1.1 | 40 |
| 42 | From sequence to function: the impact of the genome sequence on Drosophila biology. Briefings in Functional Genomics, 2012, 11, 333-335. | 1.3 | 1 |
| 43 | Toward a complete Drosophiladeficiency kit. Genome Biology, 2012, 13, 149. | 3.8 | 16 |
| 44 | Conserved properties ofDrosophilaand human spermatozoal mRNA repertoires. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2636-2644. | 1.2 | 54 |
| 45 | Disruption of Microtubule Integrity Initiates Mitosis during CNS Repair. Developmental Cell, 2012, 23, 433-440. | 3.1 | 18 |
| 46 | Toward a complete Drosophila deficiency kit. Genome Biology, 2012, 13, 149. | 13.9 | 9 |
| 47 | Genome Mapping and Genomics in Drosophila. , 2012, , 31-86. | | 1 |
| 48 | 'MiMICing' genomic flexibility. Nature Methods, 2011, 8, 728-729. | 9.0 | 0 |
| 49 | Genomic Approaches to Understanding Hox Gene Function. Advances in Genetics, 2011, 76, 55-91. | 0.8 | 22 |
| 50 | Genome-Wide Analysis of the Binding of the Hox Protein Ultrabithorax and the Hox Cofactor Homothorax in Drosophila. PLoS ONE, 2011, 6, e14778. | 1.1 | 57 |
| 51 | A cis-regulatory map of the Drosophila genome. Nature, 2011, 471, 527-531. | 13.7 | 477 |
| 52 | The impact of quantitative optimization of hybridization conditions on gene expression analysis. BMC Bioinformatics, 2011, 12, 73. | 1.2 | 12 |
| 53 | A comprehensive gene expression atlas of sex- and tissue-specificity in the malaria vector, Anopheles gambiae. BMC Genomics, 2011, 12, 296. | 1.2 | 169 |
| 54 | In Vivo Analysis of Proteomes and Interactomes Using Parallel Affinity Capture (iPAC) Coupled to Mass Spectrometry. Molecular and Cellular Proteomics, 2011, 10, M110.002386. | 2.5 | 69 |

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| 55 | Role of Testis-Specific Gene Expression in Sex-Chromosome Evolution of Anopheles gambiae. Genetics, 2011, 189, 1117-1120. | 1.2 | 29 |
| 56 | Insect Population Control by Homing Endonuclease-Based Gene Drive: An Evaluation inDrosophila melanogaster. Genetics, 2011, 188, 33-44. | 1.2 | 67 |
| 57 | Polysaccharide microarrays for high-throughput screening of transglycosylase activities in plant extracts. Glycoconjugate Journal, 2010, 27, 79-87. | 1.4 | 37 |
| 58 | On the use of resampling tests for evaluating statistical significance of binding-site co-occurrence. BMC Bioinformatics, 2010, 11, 359. | 1.2 | 13 |
| 59 | A Comprehensive Map of Insulator Elements for the Drosophila Genome. PLoS Genetics, 2010, 6, e1000814. | 1.5 | 305 |
| 60 | Neighbourhood Continuity Is Not Required for Correct Testis Gene Expression in Drosophila. PLoS Biology, 2010, 8, e1000552. | 2.6 | 28 |
| 61 | Identification of Functional Elements and Regulatory Circuits by Drosophila modENCODE. Science, 2010, 330, 1787-1797. | 6.0 | 1,124 |
| 62 | No backbone but lots of Sox: Invertebrate Sox genes. International Journal of Biochemistry and Cell Biology, 2010, 42, 453-464. | 1.2 | 79 |
| 63 | Replacement of mouse Sox10 by the Drosophila ortholog Sox100B provides evidence for co-option of SoxE proteins into vertebrate-specific gene-regulatory networks through altered expression. Developmental Biology, 2010, 341, 267-281. | 0.9 | 19 |
| 64 | <i>Sox100B</i>, a <i>Drosophila</i> Group E Sox-domain Gene, Is Required for Somatic Testis Differentiation. Sexual Development, 2009, 3, 26-37. | 1.1 | 55 |
| 65 | The Flannotatorâ€”a gene and protein expression annotation tool for Drosophila melanogaster. Bioinformatics, 2009, 25, 548-549. | 1.8 | 19 |
| 66 | Gene expression during Drosophila melanogaster egg development before and after reproductive diapause. BMC Genomics, 2009, 10, 242. | 1.2 | 93 |
| 67 | Biases in Drosophila melanogaster protein trap screens. BMC Genomics, 2009, 10, 249. | 1.2 | 16 |
| 68 | ChIPing away at the genome: the new frontier travel guide. Molecular BioSystems, 2009, 5, 1421. | 2.9 | 16 |
| 69 | SNPing and chipping away at the fly genome. Nature Methods, 2008, 5, 295-296. | 9.0 | 0 |
| 70 | Stability and Dynamics of Polycomb Target Sites in Drosophila Development. PLoS Genetics, 2008, 4, e1000178. | 1.5 | 88 |
| 71 | Prediction of Gene Expression in Embryonic Structures of Drosophila melanogaster. PLoS Computational Biology, 2007, 3, e144. | 1.5 | 13 |
| 72 | CTCF Genomic Binding Sites in Drosophila and the Organisation of the Bithorax Complex. PLoS Genetics, 2007, 3, e112. | 1.5 | 162 |

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| 73 | The DrosDel Deletion Collection: A Drosophila Genomewide Chromosomal Deficiency Resource. Genetics, 2007, 177, 615-629. | 1.2 | 197 |
| 74 | Genomic mapping of Suppressor of Hairy-wing binding sites in Drosophila. Genome Biology, 2007, 8, R167. | 13.9 | 56 |
| 75 | FlyMine: an integrated database for Drosophila and Anopheles genomics. Genome Biology, 2007, 8, R129. | 13.9 | 345 |
| 76 | Variable sexually dimorphic gene expression in laboratory strains of Drosophila melanogaster. BMC Genomics, 2007, 8, 454. | 1.2 | 27 |
| 77 | Learning to flyâ€"getting the best out of microarrays. Molecular BioSystems, 2006, 2, 402-405. | 2.9 | 0 |
| 78 | SimArray: a user-friendly and user-configurable microarray design tool. BMC Bioinformatics, 2006, 7, 102. | 1.2 | 3 |
| 79 | Basic recipes for the molecular biologist. Development (Cambridge), 2006, 133, 4803-4804. | 1.2 | 0 |
| 80 | MAMMOT--a set of tools for the design, management and visualization of genomic tiling arrays. Bioinformatics, 2006, 22, 883-884. | 1.8 | 10 |
| 81 | [4] Microarray Oligonucleotide Probes. Methods in Enzymology, 2006, 410, 73-98. | 0.4 | 66 |
| 82 | Spotted-dick, a zinc-finger protein of Drosophila required for expression of Orc4 and S phase. EMBO Journal, 2005, 24, 4304-4315. | 3.5 | 19 |
| 83 | Robotic spotting of cDNA and oligonucleotide microarrays. Trends in Biotechnology, 2005, 23, 374-379. | 4.9 | 76 |
| 84 | Proposed methods for testing and selecting the ERCC external RNA controls. BMC Genomics, 2005, 6, 150. | 1.2 | 130 |
| 85 | Conserved genomic organisation of Group B Sox genes in insects. BMC Genetics, 2005, 6, 26. | 2.7 | 51 |
| 86 | TheDrosophilagenome(s). , 2005, , . | | 0 |
| 87 | Genomic analysis of heat-shock factor targets in Drosophila. Genome Biology, 2005, 6, R63. | 13.9 | 76 |
| 88 | The DrosDel Collection. Genetics, 2004, 167, 797-813. | 1.2 | 342 |
| 89 | Temporally dynamic response to Wingless directs the sequential elaboration of the proximodistal axis of the Drosophila wing. Developmental Biology, 2003, 254, 277-288. | 0.9 | 39 |
| 90 | Sex-Specific Apoptosis Regulates Sexual Dimorphism in the Drosophila Embryonic Gonad. Developmental Cell, 2003, 5, 205-216. | 3.1 | 95 |

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| 91 | Transposable elements as tools for genomics and genetics in Drosophila. Briefings in Functional Genomics & Proteomics, 2003, 2, 57-71. | 3.8 | 99 |
| 92 | Microarray Gene Expression Data Analysis: A Beginners Guide. H. C. CAUSTON, J. QUACKENBUSH and A. BRAZMA. Blackwell Publishing. 2003. 160 pages. ISBN 1405106824. Price Â£34.99 (paperback).. Genetical Research, 2003, 82, 151-152. | 0.3 | 1 |
| 93 | Drosophila melanogaster as a model system for drug discovery and pathway screening. Current Opinion in Pharmacology, 2002, 2, 555-560. | 1.7 | 63 |
| 94 | Evidence for differential and redundant function of the Sox genesDichaeteandSoxNduring CNS development inDrosophila. Development (Cambridge), 2002, 129, 4219-4228. | 1.2 | 120 |
| 95 | Evidence for differential and redundant function of the Sox genes Dichaete and SoxN during CNS development in Drosophila. Development (Cambridge), 2002, 129, 4219-28. | 1.2 | 54 |
| 96 | The Drosophila dominant wing mutation Dichaete results from ectopic expression of a Sox-domain gene. Molecular Genetics and Genomics, 2000, 263, 690-701. | 2.4 | 10 |
| 97 | Regulatory Mutations of the Drosophila Sox Gene Dichaete Reveal New Functions in Embryonic Brain and Hindgut Development. Developmental Biology, 2000, 220, 307-321. | 0.9 | 43 |
| 98 | A Drosophila group E Sox gene is dynamically expressed in the embryonic alimentary canal. Mechanisms of Development, 2000, 93, 185-188. | 1.7 | 29 |
| 99 | The 82F Late Puff Contains the L82 Gene, an Essential Member of a Novel Gene Family. Developmental Biology, 1999, 213, 116-130. | 0.9 | 31 |
| 100 | Ecdysone-Regulated Chromosome Puffing in Drosophila melanogaster. , 1996, , 109-144. | | 16 |
| 101 | A Drosophila melanogaster chromosome 2L repeat is expressed in the male germ line. Chromosoma, 1994, 103, 63-72. | 1.0 | 9 |