# Andrea Brand

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 114 papers | 14,283 citations | 41344<br>49 h-index | 24258<br>110 g-index |
| 124 all docs | 124 docs citations | 124 times ranked | 12228 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Escargot controls somatic stem cell maintenance through the attenuation of the insulin receptor pathway in Drosophila. Cell Reports, 2022, 39, 110679. | 6.4 | 6 |
| 2 | Reduced chromatin accessibility correlates with resistance to Notch activation. Nature Communications, 2022, 13, 2210. | 12.8 | 5 |
| 3 | NanoDam identifies Homeobrain (ARX) and Scarecrow (NKX2.1) as conserved temporal factors in the Drosophila central brain and visual system. Developmental Cell, 2022, 57, 1193-1207.e7. | 7.0 | 14 |
| 4 | Stem cell niche organization in the Drosophila ovary requires the ECM component Perlecan. Current Biology, 2021, 31, 1744-1753.e5. | 3.9 | 19 |
| 5 | The Serine Protease Homolog, Scarface, Is Sensitive to Nutrient Availability and Modulates the Development of the <i>Drosophila</i> Bloodâ€“Brain Barrier. Journal of Neuroscience, 2021, 41, 6430-6448. | 3.6 | 9 |
| 6 | InÂvivo targeted DamID identifies CHD8 genomic targets in fetal mouse brain. IScience, 2021, 24, 103234. | 4.1 | 4 |
| 7 | Predicting novel candidate human obesity genes and their site of action by systematic functional screening in Drosophila. PLoS Biology, 2021, 19, e3001255. | 5.6 | 7 |
| 8 | Quiescent Neural Stem Cells for Brain Repair and Regeneration: Lessons from Model Systems. Trends in Neurosciences, 2020, 43, 213-226. | 8.6 | 42 |
| 9 | Mapping RNAâ€“Chromatin Interactions In Vivo with RNA-DamID. Methods in Molecular Biology, 2020, 2161, 255-264. | 0.9 | 0 |
| 10 | Tailless/TLX reverts intermediate neural progenitors to stem cells driving tumourigenesis via repression of asense/ASCL1. ELife, 2020, 9, . | 6.0 | 12 |
| 11 | Neural stem cell dynamics: the development of brain tumours. Current Opinion in Cell Biology, 2019, 60, 131-138. | 5.4 | 26 |
| 12 | Epigenetic remodelling licences adult cholangiocytes for organoid formation and liver regeneration. Nature Cell Biology, 2019, 21, 1321-1333. | 10.3 | 102 |
| 13 | Stem Cell Proliferation Is Kept in Check by the Chromatin Regulators Kismet/CHD7/CHD8 and Trr/MLL3/4. Developmental Cell, 2019, 49, 556-573.e6. | 7.0 | 25 |
| 14 | TaDa! Analysing cell type-specific chromatin in vivo with Targeted DamID. Current Opinion in Neurobiology, 2019, 56, 160-166. | 4.2 | 12 |
| 15 | Dorsal-Ventral Differences in Neural Stem Cell Quiescence Are Induced by p57KIP2/Dacapo. Developmental Cell, 2019, 49, 293-300.e3. | 7.0 | 18 |
| 16 | The proneural wave in the Drosophila optic lobe is driven by an excitable reaction-diffusion mechanism. ELife, 2019, 8, . | 6.0 | 14 |
| 17 | Neural stem cell temporal patterning and brain tumour growth rely on oxidative phosphorylation. ELife, 2019, 8, . | 6.0 | 41 |
| 18 | Cell cycle heterogeneity directs the timing of neural stem cell activation from quiescence. Science, 2018, 360, 99-102. | 12.6 | 126 |

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|---|---|---|---|
| 19 | RNA-DamID reveals cell-type-specific binding of roX RNAs at chromatin-entry sites. Nature Structural and Molecular Biology, 2018, 25, 109-114. | 8.2 | 26 |
| 20 | <i>Drosophila</i> intestinal stem and progenitor cells are major sources and regulators of homeostatic niche signals. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12218-12223. | 7.1 | 63 |
| 21 | Dynamic Notch signalling regulates neural stem cell state progression in the Drosophila optic lobe. Neural Development, 2018, 13, 25. | 2.4 | 16 |
| 22 | A newly discovered neural stem cell population is generated by the optic lobe neuroepithelium during embryogenesis in <i>Drosophila melanogaster</i>. Development (Cambridge), 2018, 145, . | 2.5 | 22 |
| 23 | Targeted DamID reveals differential binding of mammalian pluripotency factors. Development (Cambridge), 2018, 145, . | 2.5 | 43 |
| 24 | The transcription factor SoxD controls neuronal guidance in the Drosophila visual system. Scientific Reports, 2018, 8, 13332. | 3.3 | 15 |
| 25 | Systemic and local cues drive neural stem cell niche remodelling during neurogenesis in Drosophila. ELife, 2018, 7, . | 6.0 | 47 |
| 26 | The vasculature as a neural stem cell niche. Neurobiology of Disease, 2017, 107, 4-14. | 4.4 | 26 |
| 27 | miR-7 Buffers Differentiation in the Developing Drosophila Visual System. Cell Reports, 2017, 20, 1255-1261. | 6.4 | 25 |
| 28 | Chromatin state changes during neural development revealed by in vivo cell-type specific profiling. Nature Communications, 2017, 8, 2271. | 12.8 | 72 |
| 29 | Functional Conservation of the Glide/Gcm Regulatory Network Controlling Glia, Hemocyte, and Tendon Cell Differentiation in <i>Drosophila</i>. Genetics, 2016, 202, 191-219. | 2.9 | 18 |
| 30 | The GAL4 System: A Versatile System for the Manipulation and Analysis of Gene Expression. Methods in Molecular Biology, 2016, 1478, 33-52. | 0.9 | 60 |
| 31 | damidseq_pipeline: an automated pipeline for processing DamID sequencing datasets. Bioinformatics, 2015, 31, 3371-3373. | 4.1 | 141 |
| 32 | Freedom of expression: cellâ€typeâ€specific gene profiling. Wiley Interdisciplinary Reviews: Developmental Biology, 2014, 3, 429-443. | 5.9 | 10 |
| 33 | <i>Escargot</i> maintains stemness and suppresses differentiation in <i>Drosophila</i> intestinal stem cells. EMBO Journal, 2014, 33, 2967-2982. | 7.8 | 113 |
| 34 | Regulation of <i>Drosophila</i> intestinal stem cell maintenance and differentiation by the transcription factor Escargot. EMBO Journal, 2014, 33, 2983-2996. | 7.8 | 74 |
| 35 | Control of brain development and homeostasis by local and systemic insulin signalling. Diabetes, Obesity and Metabolism, 2014, 16, 16-20. | 4.4 | 38 |
| 36 | The Transcription Factors Islet and Lim3 Combinatorially Regulate Ion Channel Gene Expression. Journal of Neuroscience, 2014, 34, 2538-2543. | 3.6 | 24 |

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| 37 | Gap Junction Proteins in the Blood-Brain Barrier Control Nutrient-Dependent Reactivation of Drosophila Neural Stem Cells. Developmental Cell, 2014, 30, 309-321. | 7.0 | 146 |
| 38 | Optix defines a neuroepithelial compartment in the optic lobe of the Drosophila brain. Neural Development, 2014, 9, 18. | 2.4 | 41 |
| 39 | Male-Specific Fruitless Isoforms Target Neurodevelopmental Genes to Specify a Sexually Dimorphic Nervous System. Current Biology, 2014, 24, 229-241. | 3.9 | 95 |
| 40 | Dedifferentiation of Neurons Precedes Tumor Formation in lola Mutants. Developmental Cell, 2014, 28, 685-696. | 7.0 | 73 |
| 41 | Cell-Type-Specific Profiling of Gene Expression and Chromatin Binding without Cell Isolation: Assaying RNA Pol II Occupancy in Neural Stem Cells. Developmental Cell, 2013, 26, 101-112. | 7.0 | 221 |
| 42 | Insulin Finds Its Niche. Science, 2013, 340, 817-818. | 12.6 | 10 |
| 43 | Snail-dependent repression of the RhoGEF pebble is required for gastrulation consistency in Drosophila melanogaster. Development Genes and Evolution, 2012, 222, 361-368. | 0.9 | 4 |
| 44 | Transcriptome Analysis of Drosophila Neural Stem Cells. Methods in Molecular Biology, 2012, 916, 99-110. | 0.9 | 1 |
| 45 | The LIM-Homeodomain Protein Islet Dictates Motor Neuron Electrical Properties by Regulating K+ Channel Expression. Neuron, 2012, 75, 663-674. | 8.1 | 38 |
| 46 | Molecular Profiling of Neural Stem Cells in Drosophila melanogaster. Neuromethods, 2012, , 249-260. | 0.3 | 1 |
| 47 | Neural Stem Cell Biology in Vertebrates and Invertebrates: More Alike than Different?. Neuron, 2011, 70, 719-729. | 8.1 | 106 |
| 48 | A Novel Strategy to Isolate Ubiquitin Conjugates Reveals Wide Role for Ubiquitination during Neural Development. Molecular and Cellular Proteomics, 2011, 10, M110.002188. | 3.8 | 77 |
| 49 | Nutrient control of neural stem cells. Current Opinion in Cell Biology, 2011, 23, 724-729. | 5.4 | 40 |
| 50 | Regulating the balance between symmetric and asymmetric stem cell division in the developing brain. Fly, 2011, 5, 237-241. | 1.7 | 55 |
| 51 | An actomyosin-based barrier inhibits cell mixing at compartmental boundaries in Drosophila embryos. Nature Cell Biology, 2010, 12, 60-65. | 10.3 | 216 |
| 52 | Notch regulates the switch from symmetric to asymmetric neural stem cell division in the <i>Drosophila</i> optic lobe. Development (Cambridge), 2010, 137, 2981-2987. | 2.5 | 146 |
| 53 | Transcriptional control of stem cell maintenance in the<i>Drosophila</i>intestine. Development (Cambridge), 2010, 137, 705-714. | 2.5 | 163 |
| 54 | Nutrition-Responsive Glia Control Exit of Neural Stem Cells from Quiescence. Cell, 2010, 143, 1161-1173. | 28.9 | 354 |

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|---|---|---|---|
| 55 | Transcriptional control of stem cell maintenance in the Drosophila intestine. Journal of Cell Science, 2010, 123, e1-e1. | 2.0 | 0 |
| 56 | Editorial overview. Current Opinion in Neurobiology, 2009, 19, 109-111. | 4.2 | 0 |
| 57 | Cell proliferation in the Drosophila adult brain revealed by clonal analysis and bromodeoxyuridine labelling. Neural Development, 2009, 4, 9. | 2.4 | 31 |
| 58 | Neural stem cell transcriptional networks highlight genes essential for nervous system development. EMBO Journal, 2009, 28, 3799-3807. | 7.8 | 102 |
| 59 | A new dawn for Aurora?. Nature Cell Biology, 2008, 10, 1253-1254. | 10.3 | 2 |
| 60 | Asymmetric stem cell division: Lessons from Drosophila. Seminars in Cell and Developmental Biology, 2008, 19, 283-293. | 5.0 | 52 |
| 61 | Generation of Driver and Reporter Constructs for the GAL4 Expression System in <i>Drosophila</i>: Figure 1.. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5029. | 0.3 | 5 |
| 62 | Forever Young: Death-Defying Neuroblasts. Cell, 2008, 133, 769-771. | 28.9 | 6 |
| 63 | The GAL4 System. Methods in Molecular Biology, 2008, 420, 79-95. | 0.9 | 120 |
| 64 | The GAL4 System: A Versatile Toolkit for Gene Expression in <i>Drosophila</i>. Cold Spring Harbor Protocols, 2008, 2008, pdb.top49. | 0.3 | 22 |
| 65 | Insights into neural stem cell biology from flies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 39-56. | 4.0 | 125 |
| 66 | Regulation of Self-renewal and Differentiation in the Drosophila Nervous System. Cold Spring Harbor Symposia on Quantitative Biology, 2008, 73, 523-528. | 1.1 | 12 |
| 67 | folded gastrulation, cell shape change and the control of myosin localization. Development (Cambridge), 2007, 134, 4507-4507. | 2.5 | 2 |
| 68 | Detection of GFP During Nervous System Development in Drosophila melanogaster. , 2007, 411, 81-98. | | 3 |
| 69 | Chromatin profiling in model organisms. Briefings in Functional Genomics & Proteomics, 2007, 6, 133-140. | 3.8 | 17 |
| 70 | Regulation of spindle orientation and neural stem cell fate in the Drosophila optic lobe. Neural Development, 2007, 2, 1. | 2.4 | 205 |
| 71 | Detection of in vivo proteinâ€“DNA interactions using DamID in mammalian cells. Nature Protocols, 2007, 2, 1467-1478. | 12.0 | 341 |
| 72 | Prospero Acts as a Binary Switch between Self-Renewal and Differentiation in DrosophilaÂNeuralÂStem Cells. Developmental Cell, 2006, 11, 775-789. | 7.0 | 348 |

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|---|---|---|---|
| 73 | Staufen- and FMRP-Containing Neuronal RNPs Are Structurally and Functionally Related to Somatic P Bodies. Neuron, 2006, 52, 997-1009. | 8.1 | 328 |
| 74 | The homeobox transcription factor Even-skipped regulates acquisition of electrical properties in Drosophila neurons. Neural Development, 2006, 1, 3. | 2.4 | 35 |
| 75 | Determination of cell fate along the anteroposterior axis of the Drosophila ventral midline. Development (Cambridge), 2006, 133, 1001-1012. | 2.5 | 27 |
| 76 | The Fes/Fer non-receptor tyrosine kinase cooperates with Src42A to regulate dorsal closure in<i>Drosophila</i>. Development (Cambridge), 2006, 133, 3063-3073. | 2.5 | 30 |
| 77 | Cell differentiation. Current Opinion in Cell Biology, 2005, 17, 637-638. | 5.4 | 0 |
| 78 | folded gastrulation, cell shape change and the control of myosin localization. Development (Cambridge), 2005, 132, 4165-4178. | 2.5 | 367 |
| 79 | Turning back the clock on neural progenitors. BioEssays, 2004, 26, 711-714. | 2.5 | 0 |
| 80 | Spreading silence with Sid. Genome Biology, 2004, 5, 208. | 9.6 | 19 |
| 81 | Independent Regulation of Synaptic Size and Activity by the Anaphase-Promoting Complex. Cell, 2004, 119, 707-718. | 28.9 | 214 |
| 82 | Region-Specific Apoptosis Limits Neural Stem Cell Proliferation. Neuron, 2003, 37, 185-187. | 8.1 | 5 |
| 83 | Drosophila Nonmuscle Myosin II Promotes the Asymmetric Segregation of Cell Fate Determinants by Cortical Exclusion Rather Than Active Transport. Developmental Cell, 2003, 5, 829-840. | 7.0 | 140 |
| 84 | Polar Transport in the Drosophila Oocyte Requires Dynein and Kinesin I Cooperation. Current Biology, 2002, 12, 1971-1981. | 3.9 | 205 |
| 85 | Rapid tissue-specific expression assay in living embryos. Genesis, 2002, 34, 123-126. | 1.6 | 12 |
| 86 | Two-color GFP imaging demonstrates cell-autonomy of GAL4-driven RNA interference indrosophila. Genesis, 2002, 34, 170-173. | 1.6 | 25 |
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| 89 | Asymmetric cell division: microtubule dynamics and spindle asymmetry. Journal of Cell Science, 2002, 115, 2257-2264. | 2.0 | 54 |
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| 92 | Rotation and asymmetry of the mitotic spindle direct asymmetric cell division in the developing central nervous system. Nature Cell Biology, 2000, 2, 7-12. | 10.3 | 308 |
| 93 | Live Imaging with Green Fluorescent Protein. , 1999, 122, 241-260. | | 28 |
| 94 | Mastermind Acts Downstream of Notch to Specify Neuronal Cell Fates in theDrosophilaCentral Nervous System. Developmental Biology, 1999, 205, 287-295. | 2.0 | 36 |
| 95 | In vivo dynamics of axon pathfinding in theDrosophila CNS: A time-lapse study of an identified motorneuron. Journal of Neurobiology, 1998, 37, 607-621. | 3.6 | 62 |
| 96 | Ectopic Gene Expression inDrosophilaUsing GAL4 System. Methods, 1998, 14, 367-379. | 3.8 | 225 |
| 97 | Miranda mediates asymmetric protein and RNA localization in the developing nervousâ€‰system. Genes and Development, 1998, 12, 1847-1857. | 5.9 | 226 |
| 98 | Chapter 11: GFP as a Cell and Developmental Marker in the Drosophila Nervous System. Methods in Cell Biology, 1998, 58, 165-181. | 1.1 | 20 |
| 99 | In vivo dynamics of axon pathfinding in the Drosophila CNS: a time-lapse study of an identified motorneuron. Journal of Neurobiology, 1998, 37, 607-21. | 3.6 | 28 |
| 100 | The mago nashi gene is required for the polarisation of the oocyte and the formation of perpendicular axes in Drosophila. Current Biology, 1997, 7, 468-478. | 3.9 | 185 |
| 101 | GFP in Drosophila. Trends in Genetics, 1995, 11, 324-325. | 6.7 | 127 |
| 102 | The GAL4 system as a tool for unravelling the mysteries of the Drosophila nervous system. Current Opinion in Neurobiology, 1995, 5, 572-578. | 4.2 | 122 |
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| 104 | Chapter 33 Ectopic Expression in Drosophila. Methods in Cell Biology, 1994, 44, 635-654. | 1.1 | 302 |
| 105 | Raf acts downstream of the EGF receptor to determine dorsoventral polarity during Drosophila oogenesis.. Genes and Development, 1994, 8, 629-639. | 5.9 | 180 |
| 106 | Specificity of bone morphogenetic protein-related factors: cell fate and gene expression changes in Drosophila embryos induced by decapentaplegic but not 60A. Cell Growth & Differentiation: the Molecular Biology Journal of the American Association for Cancer Research, 1994, 5, 585-93. | 0.8 | 85 |
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| 110 | A yeast silencer contains sequences that can promote autonomous plasmid replication and transcriptional activation. Cell, 1987, 51, 709-719. | 28.9 | 360 |
| 111 | Identification of silencer binding proteins from yeast: possible roles in SIR control and DNA replication. EMBO Journal, 1987, 6, 461-467. | 7.8 | 223 |
| 112 | Identification of silencer binding proteins from yeast: possible roles in SIR control and DNA replication. EMBO Journal, 1987, 6, 461-7. | 7.8 | 172 |
| 113 | Characterization of a â€œsilencerâ€•in yeast: A DNA sequence with properties opposite to those of a transcriptional enhancer. Cell, 1985, 41, 41-48. | 28.9 | 567 |
| 114 | Two new thia chalcones. Journal of Chemical & Engineering Data, 1981, 26, 230-230. | 1.9 | 10 |