

Benedicte Durand

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,794
citations

331670

21
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

2805
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | RFX Proteins, a Novel Family of DNA Binding Proteins Conserved in the Eukaryotic Kingdom. <i>Nucleic Acids Research</i> , 1996, 24, 803-807. | 14.5 | 189 |
| 2 | <i>Drosophila</i> Regulatory factor X is necessary for ciliated sensory neuron differentiation. <i>Development</i> (Cambridge), 2002, 129, 5487-5498. | 2.5 | 142 |
| 3 | RFX transcription factors are essential for hearing in mice. <i>Nature Communications</i> , 2015, 6, 8549. | 12.8 | 142 |
| 4 | Transcriptional control of genes involved in ciliogenesis: a first step in making cilia. <i>Biology of the Cell</i> , 2010, 102, 499-513. | 2.0 | 133 |
| 5 | Two rotating cilia in the node cavity are sufficient to break left-right symmetry in the mouse embryo. <i>Nature Communications</i> , 2012, 3, 622. | 12.8 | 127 |
| 6 | RFX3 governs growth and beating efficiency of motile cilia in mouse and controls the expression of genes involved in human ciliopathies. <i>Journal of Cell Science</i> , 2009, 122, 3180-3189. | 2.0 | 107 |
| 7 | Identification of novel regulatory factor X (RFX) target genes by comparative genomics in <i>Drosophila</i> species. <i>Genome Biology</i> , 2007, 8, R195. | 9.6 | 97 |
| 8 | Novel Function of the Ciliogenic Transcription Factor RFX3 in Development of the Endocrine Pancreas. <i>Diabetes</i> , 2007, 56, 950-959. | 0.6 | 85 |
| 9 | The Ciliogenic Transcription Factor RFX3 Regulates Early Midline Distribution of Guidepost Neurons Required for Corpus Callosum Development. <i>PLoS Genetics</i> , 2012, 8, e1002606. | 3.5 | 70 |
| 10 | HEATR2 Plays a Conserved Role in Assembly of the Ciliary Motile Apparatus. <i>PLoS Genetics</i> , 2014, 10, e1004577. | 3.5 | 67 |
| 11 | Transition zone assembly and its contribution to axoneme formation in <i>Drosophila</i> male germ cells. <i>Journal of Cell Biology</i> , 2016, 214, 875-889. | 5.2 | 67 |
| 12 | <i>Drosophila chibby</i> is required for basal body formation and ciliogenesis but not for Wg signaling. <i>Journal of Cell Biology</i> , 2012, 197, 313-325. | 5.2 | 65 |
| 13 | The Transcription Factor Rfx3 Regulates β -Cell Differentiation, Function, and Glucokinase Expression. <i>Diabetes</i> , 2010, 59, 1674-1685. | 0.6 | 63 |
| 14 | RFX2 Is a Major Transcriptional Regulator of Spermiogenesis. <i>PLoS Genetics</i> , 2015, 11, e1005368. | 3.5 | 55 |
| 15 | <i>Drosophila melanogaster</i> as a model for basal body research. <i>Cilia</i> , 2016, 5, 22. | 1.8 | 55 |
| 16 | The coiled-coil domain containing protein CCDC151 is required for the function of IFT-dependent motile cilia in animals. <i>Human Molecular Genetics</i> , 2014, 23, 563-577. | 2.9 | 45 |
| 17 | The role of primary cilia in corpus callosum formation is mediated by production of the Gli3 repressor. <i>Human Molecular Genetics</i> , 2015, 24, 4997-5014. | 2.9 | 37 |
| 18 | Interplay of RFX transcription factors 1, 2 and 3 in motile ciliogenesis. <i>Nucleic Acids Research</i> , 2020, 48, 9019-9036. | 14.5 | 36 |

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|----|---|-----|-----------|
| 19 | Cloning and characterization of dRFX, the Drosophila member of the RFX family of transcription factors. <i>Gene</i> , 2000, 246, 285-293. | 2.2 | 30 |
| 20 | Drosophila regulatory factor X is an embryonic type I sensory neuron marker also expressed in spermatids and in the brain of Drosophila. <i>Mechanisms of Development</i> , 2001, 103, 159-162. | 1.7 | 28 |
| 21 | Genetic, structural, and chemical insights into the dual function of GRASP55 in germ cell Golgi remodeling and JAM-C polarized localization during spermatogenesis. <i>PLoS Genetics</i> , 2017, 13, e1006803. | 3.5 | 28 |
| 22 | The ciliogenic transcription factor Rfx3 is required for the formation of the thalamocortical tract by regulating the patterning of prethalamus and ventral telencephalon. <i>Human Molecular Genetics</i> , 2015, 24, 2578-2593. | 2.9 | 24 |
| 23 | <i>hemingway</i> is required for sperm flagella assembly and ciliary motility in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2014, 25, 1276-1286. | 2.1 | 20 |
| 24 | Dzip1 and Fam92 form a ciliary transition zone complex with cell type specific roles in Drosophila. <i>ELife</i> , 2019, 8, . | 6.0 | 17 |
| 25 | Imaging cilia in <i>Drosophila melanogaster</i> . <i>Methods in Cell Biology</i> , 2015, 127, 279-302. | 1.1 | 16 |
| 26 | Altered GLI3 and FGF8 signaling underlies acrocallosal syndrome phenotypes in <i>Kif7</i> depleted mice. <i>Human Molecular Genetics</i> , 2019, 28, 877-887. | 2.9 | 15 |
| 27 | <i>salto/CG13164</i> is required for sperm head morphogenesis in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2019, 30, 636-645. | 2.1 | 11 |
| 28 | The more we know, the more we have to discover: an exciting future for understanding cilia and ciliopathies. <i>Cilia</i> , 2015, 4, 5. | 1.8 | 8 |
| 29 | Role of DZIP1â€“CBYâ€“FAM92 transition zone complex in the basal body to membrane attachment and ciliary budding. <i>Biochemical Society Transactions</i> , 2020, 48, 1067-1075. | 3.4 | 6 |
| 30 | Genetic specification of leftâ€“right asymmetry in the diaphragm muscles and their motor innervation. <i>ELife</i> , 2017, 6, . | 6.0 | 6 |