Karolina Pircs

List of Publications by Year
in descending order

62	7,368	109321	128289
papers	citations	35 h-index	60 g-index

67	67	67	12140
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Direct conversion of human fibroblasts to dopaminergic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10343-10348.	7.1	695
3	KAP1 controls endogenous retroviruses in embryonic stem cells. Nature, 2010, 463, 237-240.	27.8	677
4	TFEB-mediated autophagy rescues midbrain dopamine neurons from Î±-synuclein toxicity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1817-26.	7.1	600
5	In Embryonic Stem Cells, ZFP57/KAP1 Recognize a Methylated Hexanucleotide to Affect Chromatin and DNA Methylation of Imprinting Control Regions. Molecular Cell, 2011, 44, 361-372.	9.7	503
6	Autophagosomal Syntaxin17-dependent lysosomal degradation maintains neuronal function in Drosophila. Journal of Cell Biology, 2013, 201, 531-539.	5.2	307
7	Interaction of the HOPS complex with Syntaxin 17 mediates autophagosome clearance inDrosophila. Molecular Biology of the Cell, 2014, 25, 1338-1354.	2.1	247
8	MicroRNA-124 Is a Subventricular Zone Neuronal Fate Determinant. Journal of Neuroscience, 2012, 32, 8879-8889.	3.6	191
9	Targeted transgene expression in rat brain using lentiviral vectors. Journal of Neuroscience Research, 2003, 73, 876-885.	2.9	153
10	Advantages and Limitations of Different p62-Based Assays for Estimating Autophagic Activity in Drosophila. PLoS ONE, 2012, 7, e44214.	2.5	145
11	TRIM28 Represses Transcription of Endogenous Retroviruses in Neural Progenitor Cells. Cell Reports, 2015, 10, 20-28.	6.4	112
12	Lentiviral Vectors for Use in the Central Nervous System. Molecular Therapy, 2006, 13, 484-493.	8.2	111
13	KAP1-Mediated Epigenetic Repression in the Forebrain Modulates Behavioral Vulnerability to Stress. Neuron, 2008, 60, 818-831.	8.1	110
14	miRNAs in brain development. Experimental Cell Research, 2014, 321, 84-89.	2.6	104
15	The KrÃ¼ppel-associated Box Repressor Domain Can Trigger de Novo Promoter Methylation during Mouse Early Embryogenesis. Journal of Biological Chemistry, 2007, 282, 34535-34541.	3.4	101
16	Regulated Delivery of Glial Cell Line-Derived Neurotrophic Factor into Rat Striatum, Using a Tetracycline-Dependent Lentiviral Vector. Human Gene Therapy, 2004, 15, 934-944.	2.7	96
17	Monosynaptic Tracing using Modified Rabies Virus Reveals Early and Extensive Circuit Integration of Human Embryonic Stem Cell-Derived Neurons. Stem Cell Reports, 2015, 4, 975-983.	4.8	92
18	Microglial activation elicits a negative affective state through prostaglandin-mediated modulation of striatal neurons. Immunity, 2021, 54, 225-234.e6.	14.3	91

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19	TRIM28 Controls a Gene Regulatory Network Based on Endogenous Retroviruses in Human Neural Progenitor Cells. Cell Reports, 2017, 18, 1-11.	6.4	87
20	REST suppression mediates neural conversion of adult human fibroblasts via microRNAâ€dependent and â€independent pathways. EMBO Molecular Medicine, 2017, 9, 1117-1131.	6.9	87
21	Myc-Driven Overgrowth Requires Unfolded Protein Response-Mediated Induction of Autophagy and Antioxidant Responses in Drosophila melanogaster. PLoS Genetics, 2013, 9, e1003664.	3.5	81
22	Activation of neuronal genes via LINE-1 elements upon global DNA demethylation in human neural progenitors. Nature Communications, 2019, 10, 3182.	12.8	76
23	Atg17/FIP200 localizes to perilysosomal Ref(2)P aggregates and promotes autophagy by activation of Atg1 inDrosophila. Autophagy, 2014, 10, 453-467.	9.1	75
24	Huntingtin Aggregation Impairs Autophagy, Leading to Argonaute-2 Accumulation and Global MicroRNA Dysregulation. Cell Reports, 2018, 24, 1397-1406.	6.4	66
25	Transposable Elements: A Common Feature of Neurodevelopmental and Neurodegenerative Disorders. Trends in Genetics, 2020, 36, 610-623.	6.7	64
26	letâ€7 regulates radial migration of newâ€born neurons through positive regulation of autophagy. EMBO Journal, 2017, 36, 1379-1391.	7.8	60
27	A new approach for ratiometric in vivo calcium imaging of microglia. Scientific Reports, 2017, 7, 6030.	3.3	55
28	MicroRNAs as Neuronal Fate Determinants. Neuroscientist, 2014, 20, 235-242.	3.5	54
29	Impaired proteasomal degradation enhances autophagy via hypoxia signaling in Drosophila. BMC Cell Biology, 2013, 14, 29.	3.0	53
30	Loss of the starvation-induced gene Rack1 leads to glycogen deficiency and impaired autophagic responses in Drosophila. Autophagy, 2012, 8, 1124-1135.	9.1	52
31	Direct Neuronal Reprogramming for Disease Modeling Studies Using Patient-Derived Neurons: What Have We Learned?. Frontiers in Neuroscience, 2017, 11, 530.	2.8	48
32	Different effects of Atg2 and Atg18 mutations on Atg8a and Atg9 trafficking during starvation in Drosophila. FEBS Letters, 2014, 588, 408-413.	2.8	46
33	LINE-2 transposable elements are a source of functional human microRNAs and target sites. PLoS Genetics, 2019, 15, e1008036.	3.5	44
34	Tracking differentiating neural progenitors in pluripotent cultures using microRNA-regulated lentiviral vectors. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11602-11607.	7.1	42
35	Distinct cognitive effects and underlying transcriptome changes upon inhibition of individual miRNAs in hippocampal neurons. Scientific Reports, 2016, 6, 19879.	3.3	41
36	Combined Experimental and System-Level Analyses Reveal the Complex Regulatory Network of miR-124 during Human Neurogenesis. Cell Systems, 2018, 7, 438-452.e8.	6.2	41

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37	Activation of endogenous retroviruses during brain development causes an inflammatory response. EMBO Journal, 2021, 40, e106423.	7.8	38
38	Driving Neuronal Differentiation through Reversal of an ERK1/2-miR-124-SOX9 Axis Abrogates Glioblastoma Aggressiveness. Cell Reports, 2019, 28, 2064-2079.e11.	6.4	37
39	A cis-acting structural variation at the ZNF558 locus controls a gene regulatory network in human brain development. Cell Stem Cell, 2022, 29, 52-69.e8.	11.1	37
40	Dynamics of transgene expression in a neural stem cell line transduced with lentiviral vectors incorporating the cHS4 insulator. Experimental Cell Research, 2004, 298, 611-623.	2.6	36
41	Direct Neural Conversion from Human Fibroblasts Using Self-Regulating and Nonintegrating Viral Vectors. Cell Reports, 2014, 9, 1673-1680.	6.4	36
42	microRNA-125 distinguishes developmentally generated and adult-born olfactory bulb interneurons. Development (Cambridge), 2014, 141, 1580-1588.	2.5	34
43	Comprehensive analysis of microRNA expression in regionalized human neural progenitor cells reveals microRNA-10 as a caudalizing factor. Development (Cambridge), 2015, 142, 3166-3177.	2.5	34
44	Identification of the miRNA targetome in hippocampal neurons using RIP-seq. Scientific Reports, 2015, 5, 12609.	3.3	29
45	TRIM28 and the control of transposable elements in the brain. Brain Research, 2019, 1705, 43-47.	2.2	28
46	Functional Studies of microRNAs in Neural Stem Cells: Problems and Perspectives. Frontiers in Neuroscience, 2012, 6, 14.	2.8	27
47	Lesion-dependent regulation of transgene expression in the rat brain using a human glial fibrillary acidic protein-lentiviral vector. European Journal of Neuroscience, 2004, 19, 761-765.	2.6	24
48	Impact of differential and time-dependent autophagy activation on therapeutic efficacy in a model of Huntington disease. Autophagy, 2021, 17, 1316-1329.	9.1	23
49	VPS39-deficiency observed in type 2 diabetes impairs muscle stem cell differentiation via altered autophagy and epigenetics. Nature Communications, 2021, 12, 2431.	12.8	20
50	Distinct subcellular autophagy impairments in induced neurons from patients with Huntington's disease. Brain, 2022, 145, 3035-3057.	7.6	19
51	Simple Generation of a High Yield Culture of Induced Neurons from Human Adult Skin Fibroblasts. Journal of Visualized Experiments, 2018, , .	0.3	16
52	Evidence for disease-regulated transgene expression in the brain with use of lentiviral vectors. Journal of Neuroscience Research, 2006, 84, 58-67.	2.9	14
53	Profiling of lincRNAs in human pluripotent stem cell derived forebrain neural progenitor cells. Heliyon, 2020, 6, e03067.	3.2	13
54	Identifying miRNA Targets Using AGO-RIPseq. Methods in Molecular Biology, 2018, 1720, 131-140.	0.9	12

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55	Loss of Drosophila Vps16A enhances autophagosome formation through reduced Tor activity. Autophagy, 2015, 11, 1209-1215.	9.1	11
56	SnapShot: Human endogenous retroviruses. Cell, 2022, 185, 400-400.e1.	28.9	10
57	Elevated endogenous GDNF induces altered dopamine signalling in mice and correlates with clinical severity in schizophrenia. Molecular Psychiatry, 2022, 27, 3247-3261.	7.9	9
58	Crosstalk between MicroRNAs and Autophagy in Adult Neurogenesis: Implications for Neurodegenerative Disorders. Brain Plasticity, 2018, 3, 195-203.	3.5	8
59	Modulation of epileptogenesis: A paradigm for the integration of enzyme-based microelectrode arrays and optogenetics. Epilepsy Research, 2020, 159, 106244.	1.6	7
60	Hunting out the autophagic problem in Huntington disease. Autophagy, 2022, 18, 3031-3032.	9.1	2
61	microRNA distinguishes temporally different populations of olfactory bulb interneurons. Neurogenesis (Austin, Tex), 2014, 1, e29744.	1.5	0
62	CRISPRi-mediated transcriptional silencing in iPSCs for the study of human brain development. STAR Protocols, 2022, 3, 101285.	1.2	0