

Anne G Bang

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

6,568
citations

304743

22
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

7391
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of pancreatic hormone-expressing endocrine cells from human embryonic stem cells. <i>Nature Biotechnology</i> , 2006, 24, 1392-1401.	17.5	1,738
2	Pancreatic endoderm derived from human embryonic stem cells generates glucose-responsive insulin-secreting cells in vivo. <i>Nature Biotechnology</i> , 2008, 26, 443-452.	17.5	1,638
3	A Scalable System for Production of Functional Pancreatic Progenitors from Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2012, 7, e37004.	2.5	357
4	Neuronal medium that supports basic synaptic functions and activity of human neurons in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2725-34.	7.1	317
5	Human Pluripotent Stem Cell-Derived Neural Cells and Brain Organoids Reveal SARS-CoV-2 Neurotropism Predominates in Choroid Plexus Epithelium. <i>Cell Stem Cell</i> , 2020, 27, 937-950.e9.	11.1	314
6	Cell-surface markers for the isolation of pancreatic cell types derived from human embryonic stem cells. <i>Nature Biotechnology</i> , 2011, 29, 750-756.	17.5	300
7	Cholesterol Metabolism Is a Druggable Axis that Independently Regulates Tau and Amyloid- β^2 in iPSC-Derived Alzheimer's Disease Neurons. <i>Cell Stem Cell</i> , 2019, 24, 363-375.e9.	11.1	220
8	Giant Eyes in <i>Xenopus laevis</i> by Overexpression of XOptx2. <i>Cell</i> , 1999, 98, 341-352.	28.9	203
9	Polyglutamine-Expanded Huntingtin Exacerbates Age-Related Disruption of Nuclear Integrity and Nucleocytoplasmic Transport. <i>Neuron</i> , 2017, 94, 48-57.e4.	8.1	190
10	Default repression and Notch signaling: Hairless acts as an adaptor to recruit the corepressors Groucho and dCtBP to Suppressor of Hairless. <i>Genes and Development</i> , 2002, 16, 1964-1976.	5.9	186
11	Expression of Pax-3 in the Lateral Neural Plate Is Dependent on a Wnt-Mediated Signal from Posterior Nonaxial Mesoderm. <i>Developmental Biology</i> , 1999, 212, 366-380.	2.0	179
12	High Density Individually Addressable Nanowire Arrays Record Intracellular Activity from Primary Rodent and Human Stem Cell Derived Neurons. <i>Nano Letters</i> , 2017, 17, 2757-2764.	9.1	132
13	Hairless Promotes Stable Commitment to the Sensory Organ Precursor Cell Fate by Negatively Regulating the Activity of the Notch Signaling Pathway. <i>Developmental Biology</i> , 1995, 172, 479-494.	2.0	89
14	Regulation of vertebrate neural cell fate by transcription factors. <i>Current Opinion in Neurobiology</i> , 1996, 6, 25-32.	4.2	77
15	Identification of the Wnt signaling activator leucine-rich repeat in Flightless interaction protein 2 by a genome-wide functional analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1927-1932.	7.1	76
16	Rhomboid and Star facilitate presentation and processing of the <i>Drosophila</i> TGF- β homolog Spitz. <i>Genes and Development</i> , 2000, 14, 177-186.	5.9	75
17	The watermelon mitochondrial URF-1 gene: evidence for a complex structure. <i>Current Genetics</i> , 1986, 10, 857-869.	1.7	72
18	High-throughput screen for compounds that modulate neurite growth of human induced pluripotent stem cell derived neurons. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	63

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19	Dpbx, a new homeobox gene closely related to the human proto-oncogene pbxl molecular structure and developmental expression. <i>Mechanisms of Development</i> , 1993, 41, 155-161.	1.7	58
20	CNS Neurotoxicity of Antiretrovirals. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 130-143.	4.1	58
21	Deficient LEF1 expression is associated with lithium resistance and hyperexcitability in neurons derived from bipolar disorder patients. <i>Molecular Psychiatry</i> , 2021, 26, 2440-2456.	7.9	41
22	Mechanisms Underlying the Hyperexcitability of CA3 and Dentate Gyrus Hippocampal Neurons Derived From Patients With Bipolar Disorder. <i>Biological Psychiatry</i> , 2020, 88, 139-149.	1.3	39
23	A Physiological Instability Displayed in Hippocampal Neurons Derived From Lithium-Nonresponsive Bipolar Disorder Patients. <i>Biological Psychiatry</i> , 2020, 88, 150-158.	1.3	28
24	High-content screen for modifiers of Niemann-Pick type C disease in patient cells. <i>Human Molecular Genetics</i> , 2018, 27, 2101-2112.	2.9	23
25	Ultra-Sharp Nanowire Arrays Natively Permeate, Record, and Stimulate Intracellular Activity in Neuronal and Cardiac Networks. <i>Advanced Functional Materials</i> , 2022, 32, 2108378.	14.9	21
26	Transcript and sequence analysis of a 5.1 kb contiguous fragment of <i>Dictyostelium discoideum</i> plasmid Ddp1 that contains the origin of replication and codes for several transcripts. <i>Current Genetics</i> , 1990, 17, 321-325.	1.7	15
27	Deconstructing Pluripotency. <i>Science</i> , 2008, 320, 58-59.	12.6	13
28	iMyoblasts for ex vivo and in vivo investigations of human myogenesis and disease modeling. <i>ELife</i> , 2022, 11, .	6.0	13
29	A universal gene correction approach for FKR- associated dystroglycanopathies to enable autologous cell therapy. <i>Cell Reports</i> , 2021, 36, 109360.	6.4	12
30	NAD ⁺ enhances ribitol and ribose rescue of Î±-dystroglycan functional glycosylation in human FKR- mutant myotubes. <i>ELife</i> , 2021, 10, .	6.0	9
31	Defective autophagy and increased apoptosis contribute toward the pathogenesis of FKR- associated muscular dystrophies. <i>Stem Cell Reports</i> , 2021, 16, 2752-2767.	4.8	5
32	Adeno-Associated Virus-Mediated Mini-Agrin Delivery Is Unable to Rescue Disease Phenotype in a Mouse Model of Limb Girdle Muscular Dystrophy Type 2I. <i>American Journal of Pathology</i> , 2017, 187, 431-440.	3.8	4
33	Super-Selective Reconstruction of Causal and Direct Connectivity With Application to in vitro iPSC Neuronal Networks. <i>Frontiers in Neuroscience</i> , 2021, 15, 647877.	2.8	3
34	718. High-Throughput Assays for Phenotypic Analyses and Drug Screening of hiPSC-Derived Neurons. <i>Biological Psychiatry</i> , 2017, 81, S291.	1.3	0