

# Anne G Bang

## List of Publications by Year in descending order

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34  
papers

6,568  
citations

304743

22  
h-index

395702

33  
g-index

36  
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36  
docs citations

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times ranked

7391  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	iMyoblasts for ex vivo and in vivo investigations of human myogenesis and disease modeling. <i>ELife</i> , 2022, 11, .	6.0	13
3	CNS Neurotoxicity of Antiretrovirals. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 130-143.	4.1	58
4	NAD <sup>+</sup> enhances ribitol and ribose rescue of $\alpha$ -dystroglycan functional glycosylation in human FKRP-mutant myotubes. <i>ELife</i> , 2021, 10, .	6.0	9
5	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
6	A universal gene correction approach for FKRP-associated dystroglycanopathies to enable autologous cell therapy. <i>Cell Reports</i> , 2021, 36, 109360.	6.4	12
7	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
8	Defective autophagy and increased apoptosis contribute toward the pathogenesis of FKRP-associated muscular dystrophies. <i>Stem Cell Reports</i> , 2021, 16, 2752-2767.	4.8	5
9	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
10	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
11	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
12	Cholesterol Metabolism Is a Druggable Axis that Independently Regulates Tau and Amyloid- $\beta$ in iPSC-Derived Alzheimer's Disease Neurons. <i>Cell Stem Cell</i> , 2019, 24, 363-375.e9.	11.1	220
13	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
14	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
15	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
16	Polyglutamine-Expanded Huntingtin Exacerbates Age-Related Disruption of Nuclear Integrity and Nucleocytoplasmic Transport. <i>Neuron</i> , 2017, 94, 48-57.e4.	8.1	190
17	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
18	718. High-Throughput Assays for Phenotypic Analyses and Drug Screening of hiPSC-Derived Neurons. <i>Biological Psychiatry</i> , 2017, 81, S291.	1.3	0

#	ARTICLE	IF	CITATIONS
19	Neuronal medium that supports basic synaptic functions and activity of human neurons in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2725-34.	7.1	317
20	A Scalable System for Production of Functional Pancreatic Progenitors from Human Embryonic Stem Cells. PLoS ONE, 2012, 7, e37004.	2.5	357
21	Cell-surface markers for the isolation of pancreatic cell types derived from human embryonic stem cells. Nature Biotechnology, 2011, 29, 750-756.	17.5	300
22	Pancreatic endoderm derived from human embryonic stem cells generates glucose-responsive insulin-secreting cells in vivo. Nature Biotechnology, 2008, 26, 443-452.	17.5	1,638
23	Deconstructing Pluripotency. Science, 2008, 320, 58-59.	12.6	13
24	Production of pancreatic hormone-expressing endocrine cells from human embryonic stem cells. Nature Biotechnology, 2006, 24, 1392-1401.	17.5	1,738
25	Identification of the Wnt signaling activator leucine-rich repeat in Flightless interaction protein 2 by a genome-wide functional analysis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1927-1932.	7.1	76
26	Default repression and Notch signaling: Hairless acts as an adaptor to recruit the corepressors Groucho and dCtBP to Suppressor of Hairless. Genes and Development, 2002, 16, 1964-1976.	5.9	186
27	Rhomboid and Star facilitate presentation and processing of the <i>Drosophila</i> TGF- $\beta$ homolog Spitz. Genes and Development, 2000, 14, 177-186.	5.9	75
28	Giant Eyes in <i>Xenopus laevis</i> by Overexpression of XOptx2. Cell, 1999, 98, 341-352.	28.9	203
29	Expression of Pax-3 in the Lateral Neural Plate Is Dependent on a Wnt-Mediated Signal from Posterior Nonaxial Mesoderm. Developmental Biology, 1999, 212, 366-380.	2.0	179
30	Regulation of vertebrate neural cell fate by transcription factors. Current Opinion in Neurobiology, 1996, 6, 25-32.	4.2	77
31	Hairless Promotes Stable Commitment to the Sensory Organ Precursor Cell Fate by Negatively Regulating the Activity of the Notch Signaling Pathway. Developmental Biology, 1995, 172, 479-494.	2.0	89
32	Dpbx, a new homeobox gene closely related to the human proto-oncogene pbx1 molecular structure and developmental expression. Mechanisms of Development, 1993, 41, 155-161.	1.7	58
33	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. Current Genetics, 1990, 17, 321-325.	1.7	15
34	The watermelon mitochondrial URF-1 gene: evidence for a complex structure. Current Genetics, 1986, 10, 857-869.	1.7	72