Bilal Cakir

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9388425/publications.pdf

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19 papers	1,962 citations	567281 15 h-index	888059 17 g-index
22 all docs	22 docs citations	22 times ranked	2333 citing authors

#	Article	IF	Citations
1	Expression of the transcription factor PU.1 induces the generation of microglia-like cells in human cortical organoids. Nature Communications, 2022, 13, 430.	12.8	49
2	Deconstructing and reconstructing the human brain with regionally specified brain organoids. Seminars in Cell and Developmental Biology, 2021, 111, 40-51.	5.0	21
3	Generation of Regionally Specified Human Brain Organoids Resembling Thalamus Development. STAR Protocols, 2020, 1, 100001.	1.2	24
4	Dysregulation of BRD4 Function Underlies the Functional Abnormalities of MeCP2 Mutant Neurons. Molecular Cell, 2020, 79, 84-98.e9.	9.7	53
5	Synthetic Analyses of Single-Cell Transcriptomes from Multiple Brain Organoids and Fetal Brain. Cell Reports, 2020, 30, 1682-1689.e3.	6.4	150
6	Engineering of human brain organoids with a functional vascular-like system. Nature Methods, 2019, 16, 1169-1175.	19.0	551
7	hESC-Derived Thalamic Organoids Form Reciprocal Projections When Fused with Cortical Organoids. Cell Stem Cell, 2019, 24, 487-497.e7.	11.1	305
8	Reâ€programming of gene expression in the CS 8 rice line overâ€expressing ADP glucose pyrophosphorylase induces a suppressor of starch biosynthesis. Plant Journal, 2019, 97, 1073-1088.	5.7	14
9	Generation and Fusion of Human Cortical and Medial Ganglionic Eminence Brain Organoids. Current Protocols in Stem Cell Biology, 2018, 47, e61.	3.0	21
10	Uhrf1 regulates active transcriptional marks at bivalent domains in pluripotent stem cells through Setd1a. Nature Communications, 2018, 9, 2583.	12.8	35
11	Fusion of Regionally Specified hPSC-Derived Organoids Models Human Brain Development and Interneuron Migration. Cell Stem Cell, 2017, 21, 383-398.e7.	11.1	508
12	The plastidial starch phosphorylase from rice endosperm: catalytic properties at low temperature. Planta, 2016, 243, 999-1009.	3.2	29
13	Analysis of the rice ADPglucose transporter (OsBT1) indicates the presence of regulatory processes in the amyloplast stroma that control ADPglucose flux into starch. Plant Physiology, 2016, 170, pp.01911.2015.	4.8	58
14	Increase of Grain Yields by Manipulating Starch Biosynthesis. , 2015, , 371-395.		7
15	Substrate binding properties of potato tuber ADPâ€glucose pyrophosphorylase as determined by isothermal titration calorimetry. FEBS Letters, 2015, 589, 1444-1449.	2.8	7
16	The Rice Endosperm ADP-Glucose Pyrophosphorylase Large Subunit is Essential for Optimal Catalysis and Allosteric Regulation of the Heterotetrameric Enzyme. Plant and Cell Physiology, 2014, 55, 1169-1183.	3.1	69
17	The role of the large subunit in redox regulation of the rice endosperm <scp>ADP</scp>â€glucose pyrophosphorylase. FEBS Journal, 2014, 281, 4951-4963.	4.7	21
18	Structure Based Discovery of Small Molecules to Regulate the Activity of Human Insulin Degrading Enzyme. PLoS ONE, 2012, 7, e31787.	2.5	27

#	Article	IF	Citations
19	Getting the right cells. ELife, 0, 11, .	6.0	10