

# Bilal Cakir

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	Engineering of human brain organoids with a functional vascular-like system. <i>Nature Methods</i> , 2019, 16, 1169-1175.	19.0	551
2	Fusion of Regionally Specified hPSC-Derived Organoids Models Human Brain Development and Interneuron Migration. <i>Cell Stem Cell</i> , 2017, 21, 383-398.e7.	11.1	508
3	hESC-Derived Thalamic Organoids Form Reciprocal Projections When Fused with Cortical Organoids. <i>Cell Stem Cell</i> , 2019, 24, 487-497.e7.	11.1	305
4	Synthetic Analyses of Single-Cell Transcriptomes from Multiple Brain Organoids and Fetal Brain. <i>Cell Reports</i> , 2020, 30, 1682-1689.e3.	6.4	150
5	The Rice Endosperm ADP-Glucose Pyrophosphorylase Large Subunit is Essential for Optimal Catalysis and Allosteric Regulation of the Heterotetrameric Enzyme. <i>Plant and Cell Physiology</i> , 2014, 55, 1169-1183.	3.1	69
6	Analysis of the rice ADPglucose transporter (OsBT1) indicates the presence of regulatory processes in the amyloplast stroma that control ADPglucose flux into starch. <i>Plant Physiology</i> , 2016, 170, pp.01911.2015.	4.8	58
7	Dysregulation of BRD4 Function Underlies the Functional Abnormalities of MeCP2 Mutant Neurons. <i>Molecular Cell</i> , 2020, 79, 84-98.e9.	9.7	53
8	Expression of the transcription factor PU.1 induces the generation of microglia-like cells in human cortical organoids. <i>Nature Communications</i> , 2022, 13, 430.	12.8	49
9	Uhrf1 regulates active transcriptional marks at bivalent domains in pluripotent stem cells through Setd1a. <i>Nature Communications</i> , 2018, 9, 2583.	12.8	35
10	The plastidial starch phosphorylase from rice endosperm: catalytic properties at low temperature. <i>Planta</i> , 2016, 243, 999-1009.	3.2	29
11	Structure Based Discovery of Small Molecules to Regulate the Activity of Human Insulin Degrading Enzyme. <i>PLoS ONE</i> , 2012, 7, e31787.	2.5	27
12	Generation of Regionally Specified Human Brain Organoids Resembling Thalamus Development. <i>STAR Protocols</i> , 2020, 1, 100001.	1.2	24
13	The role of the large subunit in redox regulation of the rice endosperm <sc>ADP</sc>â€ˆglucose pyrophosphorylase. <i>FEBS Journal</i> , 2014, 281, 4951-4963.	4.7	21
14	Generation and Fusion of Human Cortical and Medial Ganglionic Eminence Brain Organoids. <i>Current Protocols in Stem Cell Biology</i> , 2018, 47, e61.	3.0	21
15	Deconstructing and reconstructing the human brain with regionally specified brain organoids. <i>Seminars in Cell and Developmental Biology</i> , 2021, 111, 40-51.	5.0	21
16	Reâ€ˆprogramming of gene expression in the CS 8 rice line overâ€ˆexpressing ADP glucose pyrophosphorylase induces a suppressor of starch biosynthesis. <i>Plant Journal</i> , 2019, 97, 1073-1088.	5.7	14
17	Getting the right cells. <i>ELife</i> , 0, 11, .	6.0	10
18	Increase of Grain Yields by Manipulating Starch Biosynthesis. , 2015, , 371-395.		7

#	ARTICLE	IF	CITATIONS
19	Substrate binding properties of potato tuber ADP-glucose pyrophosphorylase as determined by isothermal titration calorimetry. FEBS Letters, 2015, 589, 1444-1449.	2.8	7