

Tanja HyvÄörinen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6570074/publications.pdf>

Version: 2024-02-01

8
papers

276
citations

1477746
6
h-index

1588620
8
g-index

8
all docs

8
docs citations

8
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-stimulation with IL-1 β and TNF- α induces an inflammatory reactive astrocyte phenotype with neurosupportive characteristics in a human pluripotent stem cell model system. <i>Scientific Reports</i> , 2019, 9, 16944.	1.6	93
2	Functional characterization of human pluripotent stem cell-derived cortical networks differentiated on laminin-521 substrate: comparison to rat cortical cultures. <i>Scientific Reports</i> , 2019, 9, 17125.	1.6	77
3	A modular brain-on-a-chip for modelling epileptic seizures with functionally connected human neuronal networks. <i>Biosensors and Bioelectronics</i> , 2020, 168, 112553.	5.3	43
4	Directional Growth of Human Neuronal Axons in a Microfluidic Device with Nanotopography on Azobenzene-Based Material. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100048.	1.9	22
5	Microelectrode Array With Transparent ALD TiN Electrodes. <i>Frontiers in Neuroscience</i> , 2019, 13, 226.	1.4	20
6	Transparent Microelectrode Arrays Fabricated by Ion Beam Assisted Deposition for Neuronal Cell In Vitro Recordings. <i>Micromachines</i> , 2020, 11, 497.	1.4	9
7	Comparative microelectrode array data of the functional development of hPSC-derived and rat neuronal networks. <i>Scientific Data</i> , 2022, 9, 120.	2.4	7
8	Covalent immobilization of luminescent oxygen indicators reduces cytotoxicity. <i>Biomedical Microdevices</i> , 2020, 22, 41.	1.4	5