

# 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	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
2	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
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	Transparent Microelectrode Arrays Fabricated by Ion Beam Assisted Deposition for Neuronal Cell In Vitro Recordings. <i>Micromachines</i> , 2020, 11, 497.	1.4	9
5	Covalent immobilization of luminescent oxygen indicators reduces cytotoxicity. <i>Biomedical Microdevices</i> , 2020, 22, 41.	1.4	5
6	Co-stimulation with IL-1 $\beta$ and TNF- $\alpha$ 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
7	Microelectrode Array With Transparent ALD TiN Electrodes. <i>Frontiers in Neuroscience</i> , 2019, 13, 226.	1.4	20
8	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