

Rebecca H Johnson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2142408/publications.pdf>

Version: 2024-02-01

12
papers

441
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

859
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of xCELLigence RTCA Biosensor Technology for Revealing the Profile and Window of Drug Responsiveness in Real Time. <i>Biosensors</i> , 2015, 5, 199-222.	4.7	139
2	Pro-inflammatory TNF α and IL-1 β differentially regulate the inflammatory phenotype of brain microvascular endothelial cells. <i>Journal of Neuroinflammation</i> , 2015, 12, 131.	7.2	134
3	The Importance of Multifrequency Impedance Sensing of Endothelial Barrier Formation Using ECIS Technology for the Generation of a Strong and Durable Paracellular Barrier. <i>Biosensors</i> , 2018, 8, 64.	4.7	47
4	The functional and inflammatory response of brain endothelial cells to Toll-Like Receptor agonists. <i>Scientific Reports</i> , 2018, 8, 10102.	3.3	26
5	Characterisation of PDGF-BB:PDGFR β signalling pathways in human brain pericytes: evidence of disruption in Alzheimer's disease. <i>Communications Biology</i> , 2022, 5, 235.	4.4	20
6	Real-Time Measurement of Melanoma Cell-Mediated Human Brain Endothelial Barrier Disruption Using Electric Cell-Substrate Impedance Sensing Technology. <i>Biosensors</i> , 2019, 9, 56.	4.7	19
7	Cardiac glycosides target barrier inflammation of the vasculature, meninges and choroid plexus. <i>Communications Biology</i> , 2021, 4, 260.	4.4	18
8	ECIS technology reveals that monocytes isolated by CD14+ve selection mediate greater loss of BBB integrity than untouched monocytes, which occurs to a greater extent with IL-1 β activated endothelium in comparison to TNF α . <i>PLoS ONE</i> , 2017, 12, e0180267.	2.5	13
9	In Vitro Wounding Models Using the Electric Cell-Substrate Impedance Sensing (ECIS)-Z1 Technology. <i>Biosensors</i> , 2018, 8, 90.	4.7	8
10	Analysis of Melanoma Secretome for Factors That Directly Disrupt the Barrier Integrity of Brain Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8193.	4.1	7
11	Biosensor Technology Reveals the Disruption of the Endothelial Barrier Function and the Subsequent Death of Blood Brain Barrier Endothelial Cells to Sodium Azide and Its Gaseous Products. <i>Biosensors</i> , 2017, 7, 41.	4.7	6
12	Platelet-derived growth factor signalling in neurovascular function and disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106187.	2.8	4