

Fumitaka Shimizu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9174623/publications.pdf>

Version: 2024-02-01

23
papers

1,182
citations

471509

17
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

1623
citing authors

#	ARTICLE	IF	CITATIONS
1	A perfused human blood-brain barrier on-a-chip for high-throughput assessment of barrier function and antibody transport. <i>Fluids and Barriers of the CNS</i> , 2018, 15, 23.	5.0	235
2	Effects of neuromyelitis optica IgG at the blood-brain barrier in vitro. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e311.	6.0	153
3	Glucose-regulated protein 78 autoantibody associates with blood-brain barrier disruption in neuromyelitis optica. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	110
4	Establishment of a new conditionally immortalized human brain microvascular endothelial cell line retaining an in vivo blood-brain barrier function. <i>Journal of Cellular Physiology</i> , 2010, 225, 519-528.	4.1	109
5	Design and Validation of a Human Brain Endothelial Microvessel-on-a-Chip Open Microfluidic Model Enabling Advanced Optical Imaging. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 573775.	4.1	88
6	Sera from neuromyelitis optica patients disrupt the blood-brain barrier. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 288-297.	1.9	87
7	Blood-brain barrier dysfunction in immuno-mediated neurological diseases. <i>Immunological Medicine</i> , 2018, 41, 120-128.	2.6	52
8	Autocrine MMP-2/9 secretion increases the BBB permeability in neuromyelitis optica. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 419-430.	1.9	47
9	New BBB Model Reveals That IL-6 Blockade Suppressed the BBB Disorder, Preventing Onset of NMOSD. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	40
10	NMO sera down-regulate AQP4 in human astrocyte and induce cytotoxicity independent of complement. <i>Journal of the Neurological Sciences</i> , 2013, 331, 136-144.	0.6	39
11	CSF cytokine profile distinguishes multifocal motor neuropathy from progressive muscular atrophy. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015, 2, e138.	6.0	38
12	Contribution of brain pericytes in blood-brain barrier formation and maintenance: a transcriptomic study of cocultured human endothelial cells derived from hematopoietic stem cells. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 48.	5.0	32
13	Identification of galectin-3 as a possible antibody target for secondary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2017, 23, 382-394.	3.0	30
14	Markedly Increased IP-10 Production by Blood-Brain Barrier in Neuromyelitis Optica. <i>PLoS ONE</i> , 2015, 10, e0122000.	2.5	25
15	GRP78 antibodies damage the blood-brain barrier and relate to cerebellar degeneration in Lambert-Eaton myasthenic syndrome. <i>Brain</i> , 2019, 142, 2253-2264.	7.6	25
16	Establishment and characterization of spinal cord microvascular endothelial cell lines. <i>Clinical and Experimental Neuroimmunology</i> , 2013, 4, 326-338.	1.0	20
17	GRP 78 antibodies are associated with clinical phenotype in neuromyelitis optica. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2079-2087.	3.7	18
18	GRP78 Antibodies Are Associated With Blood-Brain Barrier Breakdown in Anti-Myelin Oligodendrocyte Glycoprotein Antibody-Associated Disorder. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.0	15

#	ARTICLE	IF	CITATIONS
19	GRP78 autoantibodies initiate the breakdown of the blood-brain barrier in neuromyelitis optica. <i>Oncotarget</i> , 2017, 8, 106175-106176.	1.8	2
20	Novel heterozygous variants of <i>SLC12A6</i> in Japanese families with Charcot-Marie-Tooth disease. <i>Annals of Clinical and Translational Neurology</i> , 0, , .	3.7	1
21	Identification of endothelial cell-specific autoantibody target to manipulate blood-brain barrier permeability from neuromyelitis optica. <i>Clinical and Experimental Neuroimmunology</i> , 2017, 8, 281-282.	1.0	0
22	GRP78 antibodies are associated with blood-brain barrier breakdown in paraneoplastic cerebellar degeneration in Lambert-Eaton myasthenic syndrome. <i>Clinical and Experimental Neuroimmunology</i> , 2020, 11, 88-89.	1.0	0
23	Glucose-Regulated Protein 78 Autoantibody Associates with Blood-brain Barrier Disruption in Neuromyelitis Optica. <i>Yamaguchi Medical Journal</i> , 2019, 68, 23-29.	0.1	0