

Gerhard Leinenga

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,206
citations

840776

11
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

1511
citing authors

#	ARTICLE	IF	CITATIONS
1	Scanning ultrasound removes amyloid- β^2 and restores memory in an Alzheimer's disease mouse model. <i>Science Translational Medicine</i> , 2015, 7, 278ra33.	12.4	409
2	Ultrasound treatment of neurological diseases – current and emerging applications. <i>Nature Reviews Neurology</i> , 2016, 12, 161-174.	10.1	200
3	Combined effects of scanning ultrasound and a tau-specific single chain antibody in a tau transgenic mouse model. <i>Brain</i> , 2017, 140, 1220-1230.	7.6	158
4	Repeated ultrasound treatment of tau transgenic mice clears neuronal tau by autophagy and improves behavioral functions. <i>Theranostics</i> , 2019, 9, 3754-3767.	10.0	82
5	What Renders TAU Toxic. <i>Frontiers in Neurology</i> , 2013, 4, 72.	2.4	67
6	Ultrasound-mediated blood-brain barrier opening enhances delivery of therapeutically relevant formats of a tau-specific antibody. <i>Scientific Reports</i> , 2019, 9, 9255.	3.3	56
7	A comparative study of the effects of Aducanumab and scanning ultrasound on amyloid plaques and behavior in the APP23 mouse model of Alzheimer disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 76.	6.2	53
8	Safety and Efficacy of Scanning Ultrasound Treatment of Aged APP23 Mice. <i>Frontiers in Neuroscience</i> , 2018, 12, 55.	2.8	50
9	Establishing sheep as an experimental species to validate ultrasound-mediated blood-brain barrier opening for potential therapeutic interventions. <i>Theranostics</i> , 2018, 8, 2583-2602.	10.0	35
10	Scanning Ultrasound (SUS) Causes No Changes to Neuronal Excitability and Prevents Age-Related Reductions in Hippocampal CA1 Dendritic Structure in Wild-Type Mice. <i>PLoS ONE</i> , 2016, 11, e0164278.	2.5	26
11	Scanning ultrasound in the absence of blood-brain barrier opening is not sufficient to clear β^2 -amyloid plaques in the APP23 mouse model of Alzheimer's disease. <i>Brain Research Bulletin</i> , 2019, 153, 8-14.	3.0	26
12	Claudin-5 binder enhances focused ultrasound-mediated opening in an <i>in vitro</i> blood-brain barrier model. <i>Theranostics</i> , 2022, 12, 1952-1970.	10.0	18
13	Modeling ultrasound propagation through material of increasing geometrical complexity. <i>Ultrasonics</i> , 2018, 90, 52-62.	3.9	7
14	Transcriptional signature in microglia isolated from an Alzheimer's disease mouse model treated with scanning ultrasound. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	7.1	7
15	Delivery of Antibodies into the Brain Using Focused Scanning Ultrasound. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	6
16	Ultrasound as a treatment modality for neurological diseases. <i>Medical Journal of Australia</i> , 2017, 206, 470-471.	1.7	1