Catherine Gorick

List of Publications by Year
in descending order

12	418	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	643
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-cell mapping of focused ultrasound-transfected brain. Gene Therapy, 2023, 30, 255-263.	4.5	14
2	Computational model of brain endothelial cell signaling pathways predicts therapeutic targets for cerebral pathologies. Journal of Molecular and Cellular Cardiology, 2022, 164, 17-28.	1.9	8
3	Transcriptomic response of brain tissue to focused <scp>ultrasoundâ€mediated bloodâ€“brain</scp> barrier disruption depends strongly on anesthesia. Bioengineering and Translational Medicine, 2021, 6, e10198.	7.1	12
4	Multiple regression analysis of a comprehensive transcriptomic data assembly elucidates mechanically- and biochemically-driven responses to focused ultrasound blood-brain barrier disruption. Theranostics, 2021, 11, 9847-9858.	10.0	8
5	Mitochondrial dysfunction in neurological disorders: Exploring mitochondrial transplantation. Npj Regenerative Medicine, 2020, 5, 22.	5.2	136
6	Sonoselective transfection of cerebral vasculature without bloodâ€“brain barrier disruption. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5644-5654.	7.1	41
7	Applications of Ultrasound to Stimulate Therapeutic Revascularization. International Journal of Molecular Sciences, 2019, 20, 3081.	4.1	15
8	Epigenetic regulators of the revascularization response to chronic arterial occlusion. Cardiovascular Research, 2019, 115, 701-712.	3.8	19
9	Listening in on the Microbubble Crowd: Advanced Acoustic Monitoring for Improved Control of Blood-Brain Barrier Opening with Focused Ultrasound. Theranostics, 2018, 8, 2988-2991.	10.0	25
10	Exposure of Endothelium to Biomimetic Flow Waveforms Yields Identification of miR-199a-5p as a Potent Regulator of Arteriogenesis. Molecular Therapy - Nucleic Acids, 2018, 12, 829-844.	5.1	19
11	DNA Methyltransferase 1â€“Dependent DNA Hypermethylation Constrains Arteriogenesis by Augmenting Shear Stress Set Point. Journal of the American Heart Association, 2017, 6, .	3.7	16
12	Oxygen Sensing Difluoroboron Î²-Diketonate Polylactide Materials with Tunable Dynamic Ranges for Wound Imaging. ACS Sensors, 2016, 1, 1366-1373.	7.8	104