

Catherine Gorick

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

418
citations

1040056

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1125743

13
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14
all docs

14
docs citations

14
times ranked

643
citing authors

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