

Julia Arciero

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

319
citations

1937685

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1474206

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g-index

11
all docs

11
docs citations

11
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling acute and chronic vascular responses to a major arterial occlusion. <i>Microcirculation</i> , 2022, 29, e12738.	1.8	3
2	Metabolic Signaling in a Theoretical Model of the Human Retinal Microcirculation. <i>Photonics</i> , 2021, 8, 409.	2.0	3
3	Assessing the hemodynamic contribution of capillaries, arterioles, and collateral arteries to vascular adaptations in arterial insufficiency. <i>Microcirculation</i> , 2020, 27, e12591.	1.8	3
4	Blood flow regulation and oxygen transport in a heterogeneous model of the mouse retina. <i>Mathematical Biosciences</i> , 2020, 329, 108476.	1.9	6
5	Ocular blood flow as a clinical observation: Value, limitations and data analysis. <i>Progress in Retinal and Eye Research</i> , 2020, 78, 100841.	15.5	44
6	Modeling acute blood flow responses to a major arterial occlusion. <i>Microcirculation</i> , 2020, 27, e12610.	1.8	4
7	Mathematical Modeling of Blood Flow in the Eye. <i>Modeling and Simulation in Science, Engineering and Technology</i> , 2019, , 101-157.	0.6	2
8	Predicting retinal tissue oxygenation using an image-based theoretical model. <i>Mathematical Biosciences</i> , 2018, 305, 1-9.	1.9	12
9	Autoregulation and neurovascular coupling in the optic nerve head. <i>Survey of Ophthalmology</i> , 2016, 61, 164-186.	4.0	76
10	Intraocular Pressure, Blood Pressure, and Retinal Blood Flow Autoregulation: A Mathematical Model to Clarify Their Relationship and Clinical Relevance. , 2014, 55, 4105.		107
11	Theoretical Analysis of Vascular Regulatory Mechanisms Contributing to Retinal Blood Flow Autoregulation. , 2013, 54, 5584.		59