

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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h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

364
citing authors

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