

E Benjamin Randall

List of Publications by Year in descending order

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7
papers

56
citations

1937685

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h-index

1720034

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8
all docs

8
docs citations

8
times ranked

37
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Systems analysis of the mechanisms governing the cardiovascular response to changes in posture and in peripheral demand during exercise. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 163, 33-55. | 1.9 | 10 |
| 2 | Phenotyping heart failure using model-based analysis and physiology-informed machine learning. <i>Journal of Physiology</i> , 2021, 599, 4991-5013. | 2.9 | 16 |
| 3 | Global sensitivity analysis informed model reduction and selection applied to a Valsalva maneuver model. <i>Journal of Theoretical Biology</i> , 2021, 526, 110759. | 1.7 | 4 |
| 4 | Quantitative analysis of mitochondrial ATP synthesis. <i>Mathematical Biosciences</i> , 2021, 340, 108646. | 1.9 | 5 |
| 5 | Persistent instability in a nonhomogeneous delay differential equation system of the Valsalva maneuver. <i>Mathematical Biosciences</i> , 2020, 319, 108292. | 1.9 | 2 |
| 6 | Potential role of intermittent functioning of baroreflexes in the etiology of hypertension in spontaneously hypertensive rats. <i>JCI Insight</i> , 2020, 5, . | 5.0 | 7 |
| 7 | A model-based analysis of autonomic nervous function in response to the Valsalva maneuver. <i>Journal of Applied Physiology</i> , 2019, 127, 1386-1402. | 2.5 | 12 |