

Etienne Boileau

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

495
citations

1163117

8
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of myocardial cellular gene expression during pressure overload reveals matrix based functional intercellular communication. <i>IScience</i> , 2022, 25, 103965.	4.1	8
2	Updated and enhanced pig cardiac transcriptome based on long-read RNA sequencing and proteomics. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 150, 23-31.	1.9	16
3	Unsupervised Bayesian Prediction of RNA Translation from Ribosome Profiling Data. <i>Methods in Molecular Biology</i> , 2021, 2252, 295-312.	0.9	0
4	Muscle-specific Cand2 is translationally upregulated by mTORC1 and promotes adverse cardiac remodeling. <i>EMBO Reports</i> , 2021, 22, e52170.	4.5	13
5	A Multi-Network Comparative Analysis of Transcriptome and Translatome Identifies Novel Hub Genes in Cardiac Remodeling. <i>Frontiers in Genetics</i> , 2020, 11, 583124.	2.3	4
6	Monitoring Cell-Type-Specific Gene Expression Using Ribosome Profiling In Vivo During Cardiac Hemodynamic Stress. <i>Circulation Research</i> , 2019, 125, 431-448.	4.5	56
7	m ⁶ A-mRNA methylation regulates cardiac gene expression and cellular growth. <i>Life Science Alliance</i> , 2019, 2, e201800233.	2.8	109
8	Estimating the accuracy of a reduced-order model for the calculation of fractional flow reserve (FFR). <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018, 34, e2908.	2.1	54
9	RNA Modification Level Estimation with pulseR. <i>Genes</i> , 2018, 9, 619.	2.4	2
10	Modelling accidental hypothermia effects on a human body under different pathophysiological conditions. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 2155-2167.	2.8	8
11	A novel method for non-invasively detecting the severity and location of aortic aneurysms. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 1225-1242.	2.8	28
12	An advanced computational bioheat transfer model for a human body with an embedded systemic circulation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2016, 15, 1173-1190.	2.8	23
13	A benchmark study of numerical schemes for one-dimensional arterial blood flow modelling. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2015, 31, e02732.	2.1	144
14	Synergy Between Intercellular Communication and Intracellular Ca ²⁺ Handling in Arrhythmogenesis. <i>Annals of Biomedical Engineering</i> , 2015, 43, 1614-1625.	2.5	9
15	One-Dimensional Modelling of the Coronary Circulation. Application to Noninvasive Quantification of Fractional Flow Reserve (FFR). <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2015, , 137-155.	0.5	11