

# Etienne Boileau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2086202/publications.pdf>

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  | 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       |
| 2  | m <sup>6</sup> A-mRNA methylation regulates cardiac gene expression and cellular growth. <i>Life Science Alliance</i> , 2019, 2, e201800233.  | 2.8 | 109       |
| 3  | 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        |
| 4  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | Muscle-specific Cand2 is translationally upregulated by mTORC1 and promotes adverse cardiac remodeling. <i>EMBO Reports</i> , 2021, 22, e52170.   | 4.5 | 13        |
| 9  | 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        |
| 10 | Synergy Between Intercellular Communication and Intracellular Ca <sup>2+</sup> Handling in Arrhythmogenesis. <i>Annals of Biomedical Engineering</i> , 2015, 43, 1614-1625.   | 2.5 | 9         |
| 11 | 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         |
| 12 | Analysis of myocardial cellular gene expression during pressure overload reveals matrix based functional intercellular communication. <i>IScience</i> , 2022, 25, 103965.   | 4.1 | 8         |
| 13 | 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         |
| 14 | RNA Modification Level Estimation with pulseR. <i>Genes</i> , 2018, 9, 619.   | 2.4 | 2         |
| 15 | Unsupervised Bayesian Prediction of RNA Translation from Ribosome Profiling Data. <i>Methods in Molecular Biology</i> , 2021, 2252, 295-312.  | 0.9 | 0         |