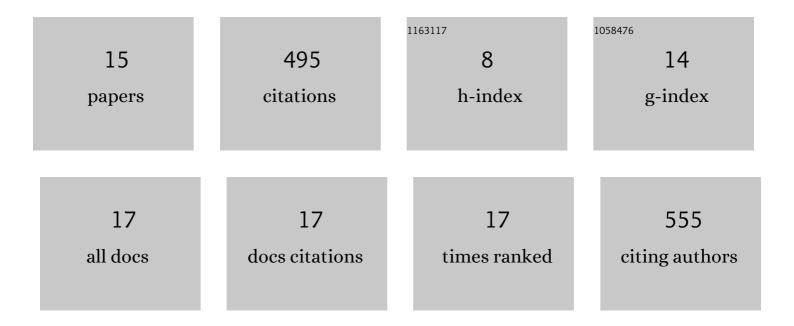
Etienne Boileau

List of Publications by Year in descending order

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FTIENNE ROUEAU

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A benchmark study of numerical schemes for oneâ€dimensional arterial blood flow modelling. International Journal for Numerical Methods in Biomedical Engineering, 2015, 31, e02732. | 2.1 | 144 |
| 2 | m ⁶ A-mRNA methylation regulates cardiac gene expression and cellular growth. Life Science Alliance, 2019, 2, e201800233. | 2.8 | 109 |
| 3 | Monitoring Cell-Type–Specific Gene Expression Using Ribosome Profiling In Vivo During Cardiac Hemodynamic Stress. Circulation Research, 2019, 125, 431-448. | 4.5 | 56 |
| 4 | Estimating the accuracy of a reducedâ€order model for the calculation of fractional flow reserve (FFR). International Journal for Numerical Methods in Biomedical Engineering, 2018, 34, e2908. | 2.1 | 54 |
| 5 | A novel method for non-invasively detecting the severity and location of aortic aneurysms. Biomechanics and Modeling in Mechanobiology, 2017, 16, 1225-1242. | 2.8 | 28 |
| 6 | An advanced computational bioheat transfer model for a human body with an embedded systemic circulation. Biomechanics and Modeling in Mechanobiology, 2016, 15, 1173-1190. | 2.8 | 23 |
| 7 | Updated and enhanced pig cardiac transcriptome based on long-read RNA sequencing and proteomics. Journal of Molecular and Cellular Cardiology, 2021, 150, 23-31. | 1.9 | 16 |
| 8 | Muscleâ€specific Cand2 is translationally upregulated by mTORC1 and promotes adverse cardiac remodeling. EMBO Reports, 2021, 22, e52170. | 4.5 | 13 |
| 9 | One-Dimensional Modelling of the Coronary Circulation. Application to Noninvasive Quantification of Fractional Flow Reserve (FFR). Lecture Notes in Computational Vision and Biomechanics, 2015, , 137-155. | 0.5 | 11 |
| 10 | Synergy Between Intercellular Communication and Intracellular Ca2+ Handling in Arrhythmogenesis. Annals of Biomedical Engineering, 2015, 43, 1614-1625. | 2.5 | 9 |
| 11 | Modelling accidental hypothermia effects on a human body under different pathophysiological conditions. Medical and Biological Engineering and Computing, 2017, 55, 2155-2167. | 2.8 | 8 |
| 12 | Analysis of myocardial cellular gene expression during pressure overload reveals matrix based functional intercellular communication. IScience, 2022, 25, 103965. | 4.1 | 8 |
| 13 | A Multi-Network Comparative Analysis of Transcriptome and Translatome Identifies Novel Hub Genes in Cardiac Remodeling. Frontiers in Genetics, 2020, 11, 583124. | 2.3 | 4 |
| 14 | RNA Modification Level Estimation with pulseR. Genes, 2018, 9, 619. | 2.4 | 2 |
| 15 | Unsupervised Bayesian Prediction of RNA Translation from Ribosome Profiling Data. Methods in Molecular Biology, 2021, 2252, 295-312. | 0.9 | 0 |