

# Guanglei Xiong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1992448/publications.pdf>

Version: 2024-02-01

7  
papers

155  
citations

1684188

5  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

309  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Comprehensive Modeling and Visualization of Cardiac Anatomy and Physiology from CT Imaging and Computer Simulations. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 1014-1028.               | 4.4  | 14        |
| 2 | Effect of Varying Hemodynamic and Vascular Conditions on Fractional Flow Reserve: An In Vitro Study. Journal of the American Heart Association, 2016, 5, .  | 3.7  | 19        |
| 3 | Watertight modeling and segmentation of bifurcated Coronary arteries for blood flow simulation using CT imaging. Computerized Medical Imaging and Graphics, 2016, 53, 43-53.                                      | 5.8  | 5         |
| 4 | Robotics-driven printing of curved 3D structures for manufacturing cardiac therapeutic devices. , 2015, , .   |      | 7         |
| 5 | Myocardial perfusion analysis in cardiac computed tomography angiographic images at rest. Medical Image Analysis, 2015, 24, 77-89.  | 11.6 | 46        |
| 6 | Influence of virtual intervention and blood rheology on mass transfer through thoracic aortic aneurysm. Journal of Biomechanics, 2015, 48, 3312-3322.   | 2.1  | 13        |
| 7 | Simulation of blood flow in deformable vessels using subject-specific geometry and spatially varying wall properties. International Journal for Numerical Methods in Biomedical Engineering, 2011, 27, 1000-1016. | 2.1  | 51        |