

Colin Caro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1801582/publications.pdf>

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11
papers

1,942
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1522
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Atheroma and arterial wall shear - Observation, correlation and proposal of a shear dependent mass transfer mechanism for atherogenesis. Proceedings of the Royal Society of London Series B, Containing Papers of A Biological Character, 1971, 177, 109-133. | 1.8 | 1,042 |
| 2 | Arterial Wall Shear and Distribution of Early Atheroma in Man. Nature, 1969, 223, 1159-1161. | 27.8 | 573 |
| 3 | Discovery of the Role of Wall Shear in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 158-161. | 2.4 | 160 |
| 4 | 3D Flow reconstruction using ultrasound PIV. Experiments in Fluids, 2011, 50, 777-785. | 2.4 | 46 |
| 5 | The role of oxygen transport in atherosclerosis and vascular disease. Journal of the Royal Society Interface, 2020, 17, 20190732. | 3.4 | 29 |
| 6 | The effect of in-plane arterial curvature on blood flow and oxygen transport in arterio-venous fistulae. Physics of Fluids, 2015, 27, 031903. | 4.0 | 22 |
| 7 | Microbubble Void Imaging: A Non-invasive Technique for Flow Visualisation and Quantification of Mixing in Large Vessels Using Plane Wave Ultrasound and Controlled Microbubble Contrast Agent Destruction. Ultrasound in Medicine and Biology, 2015, 41, 2926-2937. | 1.5 | 19 |
| 8 | The Effect of Arterial Curvature on Blood Flow in Arterio-Venous Fistulae: Realistic Geometries and Pulsatile Flow. Cardiovascular Engineering and Technology, 2017, 8, 313-329. | 1.6 | 15 |
| 9 | Steady inspiratory flow in planar and non-planar models of human bronchial airways. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2002, 458, 791-809. | 2.1 | 13 |
| 10 | Suppressing unsteady flow in arterio-venous fistulae. Physics of Fluids, 2017, 29, . | 4.0 | 12 |
| 11 | The geometry of unstented and stented pig common carotid artery bypass grafts. Biorheology, 2002, 39, 507-12. | 0.4 | 11 |