



Dimos Poulidakos

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Publications (8)

Olgac U, Knight J, Poulikakos D, Saur S, Alkadhi H, Desbiolles L, Cattin P, Kurtcuoglu V. Computed high concentrations of low-density lipoprotein correlate with plaque locations in human coronary arteries. *J Biomech* 2011; 44:2466-71.

Knight J, Kurtcuoglu V, Muffly K, Marshall W, Stolzmann P, Desbiolles L, Seifert B, Poulikakos D, Alkadhi H. Ex vivo and in vivo coronary ostial locations in humans. *Surg Radiol Anat* 2009; 31:597-604.

Stolzmann P, Marincek B, Poulikakos D, Leschka S, Kurtcuoglu V, Plass A, Scheffel H, Maier W, Desbiolles L, Knight J, Alkadhi H. Remodelling of the aortic root in severe tricuspid aortic stenosis: implications for transcatheter aortic valve implantation. *Eur Radiol* 2009; 19:1316-23.

Boutsianis E, Guala M, Olgac U, Wildermuth S, Hoyer K, Ventikos Y, Poulikakos D. CFD and PTV steady flow investigation in an anatomically accurate abdominal aortic aneurysm. *Journal of biomechanical engineering* 2009; 131:011008.

Zeng D, Boutsianis E, Ammann M, Boomsma K, Wildermuth S, Poulikakos D. A study on the compliance of a right coronary artery and its impact on wall shear stress. *Journal of biomechanical engineering* 2008; 130:041014.

Frauenfelder T, Boutsianis E, Schertler T, Husmann L, Leschka S, Poulikakos D, Marincek B, Alkadhi H. In-vivo flow simulation in coronary arteries based on computed tomography datasets: feasibility and initial results. *Eur Radiol* 2007; 17:1291-300.

Frauenfelder T, Boutsianis E, Schertler T, Husmann L, Leschka S, Poulikakos D, Marincek B, Alkadhi H. Flow and wall shear stress in end-to-side and side-to-side anastomosis of venous coronary artery bypass grafts. *Biomed Eng Online* 2007; 6:35.

Boutsianis E, Dave H, Frauenfelder T, Poulikakos D, Wildermuth S, Turina M, Ventikos Y, Zünd G. Computational simulation of intracoronary flow based on real coronary geometry. *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery* 2004; 26:248-56.

Projects (0)

No results found.

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