

# Ivan Fumagalli

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A geometric multiscale model for the numerical simulation of blood flow in the human left heart. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2022, 15, 2391.	1.1	22
2	Image-Based Computational Hemodynamics Analysis of Systolic Obstruction in Hypertrophic Cardiomyopathy. <i>Frontiers in Physiology</i> , 2021, 12, 787082.	2.8	12
3	An image-based computational hemodynamics study of the Systolic Anterior Motion of the mitral valve. <i>Computers in Biology and Medicine</i> , 2020, 123, 103922.	7.0	26
4	On a free-surface problem with moving contact line: From variational principles to stable numerical approximations. <i>Journal of Computational Physics</i> , 2018, 355, 253-284.	3.8	1
5	Optimal control in ink-jet printing via instantaneous control. <i>Computers and Fluids</i> , 2018, 172, 264-273.	2.5	3
6	Reduced basis approximation and <i>a posteriori</i> error estimates for parametrized elliptic eigenvalue problems. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2016, 50, 1857-1885.	1.9	12
7	Shape Optimization for Stokes flows: a finite element convergence analysis. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2015, 49, 921-951.	1.9	7