

Elfriede Friedmann

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Gradients of Cytokine Signaling between T Cells. PLoS Computational Biology, 2015, 11, e1004206.	3.2	79
2	Quantification of the In Vitro Predisposition to Glistening Formation in One Manufacturer's Acrylic Intraocular Lenses Made in Different Decades. Ophthalmology and Therapy, 2021, 10, 165-174.	2.3	18
3	The Optimal Shape of Riblets in the Viscous Sublayer. Journal of Mathematical Fluid Mechanics, 2010, 12, 243-265.	1.0	15
4	Motion of the vitreous humour in a deforming eye's fluid-structure interaction between a nonlinear elastic solid and viscoelastic fluid. Applied Mathematics and Computation, 2018, 335, 50-64.	2.2	12
5	Quantitative evaluation of microvacuole formation in five intraocular lens models made of different hydrophobic materials. PLoS ONE, 2021, 16, e0250860.	2.5	11
6	Optimal Microstructures Drag Reducing Mechanism of Riblets. Journal of Mathematical Fluid Mechanics, 2011, 13, 429-447.	1.0	10
7	Stability and Visual Outcomes of the Capsulotomy-Fixated FEMTIS-IOL After Automated Femtosecond Laser-Assisted Anterior Capsulotomy. American Journal of Ophthalmology, 2021, 225, 27-37.	3.3	10
8	Coupling vs decoupling approaches for PDE/ODE systems modeling intercellular signaling. Journal of Computational Physics, 2016, 314, 522-537.	3.8	6
9	Numerical Simulation of Viscoelastic Fluid-Structure Interaction Problems and Drug Therapy in the Eye. Proceedings in Applied Mathematics and Mechanics, 2021, 20, e202000260.	0.2	1