

Elfriede Friedmann

List of Publications by Year in descending order

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papers

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