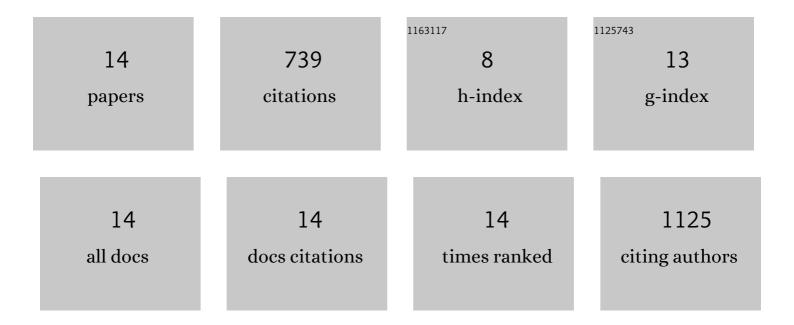
Luka Pocivavsek

List of Publications by Year in descending order

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LILKA POCIVAVSEK

#	Article	IF	CITATIONS
1	Gaussian Surface Curvature Mapping Indicating High Risk Type B Thoracic Aortic Dissections. Annals of Vascular Surgery, 2021, 70, 171-180.	0.9	1
2	Multiscale geometry and mechanics of lipid monolayer collapse. Current Topics in Membranes, 2021, 87, 1-45.	0.9	2
3	Dynamic Luminal Topography: A Potential Strategy to Prevent Vascular Graft Thrombosis. Frontiers in Bioengineering and Biotechnology, 2020, 8, 573400.	4.1	6
4	Wrinkling instabilities for biologically relevant fiber-reinforced composite materials with a case study of Neo-Hookean/Ogden–Gasser–Holzapfel bilayer. Biomechanics and Modeling in Mechanobiology, 2020, 19, 2375-2395.	2.8	10
5	Active wrinkles to drive self-cleaning: A strategy for anti-thrombotic surfaces for vascular grafts. Biomaterials, 2019, 192, 226-234.	11.4	35
6	Topography-driven surface renewal. Nature Physics, 2018, 14, 948-953.	16.7	59
7	Analysis of biosurfaces by neutron reflectometry: From simple to complex interfaces. Biointerphases, 2015, 10, 019014.	1.6	32
8	Understanding dynamic changes in live cell adhesion with neutron reflectometry. Modern Physics Letters B, 2014, 28, 1430015.	1.9	7
9	Tuning endothelial monolayer adhesion: a neutron reflectivity study. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L1-L9.	2.9	7
10	Glycerol-Induced Membrane Stiffening: The Role of Viscous Fluid Adlayers. Biophysical Journal, 2011, 101, 118-127.	0.5	35
11	Geometric tools for complex interfaces: from lung surfactant to the mussel byssus. Soft Matter, 2009, 5, 1963.	2.7	25
12	Stress and Fold Localization in Thin Elastic Membranes. Science, 2008, 320, 912-916.	12.6	456
13	Lateral stress relaxation and collapse in lipid monolayers. Soft Matter, 2008, 4, 2019.	2.7	62
14	Contemporary Unplanned Readmission Trends Following Management of Type B Aortic Dissection. Vascular Specialist International, 0, 38, .	0.6	2