Lorand Kelemen

List of Publications by Year
in descending order

22	589	759233 12	713466 21
papers	citations	h-index	g-index

23	23	23	851
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Triple Combination of Targeting Ligands Increases the Penetration of Nanoparticles across a Blood-Brain Barrier Culture Model. Pharmaceutics, 2022, 14, 86.	4.5	8
2	Insights into graphene oxide interaction with human serum albumin in isolated state and in blood plasma. International Journal of Biological Macromolecules, 2021, 175, 19-29.	7.5	13
3	Power Spectral Density Analysis of Nanowire-Anchored Fluctuating Microbead Reveals a Double Lorentzian Distribution. Mathematics, 2021, 9, 1748.	2.2	2
4	Optically Manipulated Microtools to Measure Adhesion of the Nanoparticle-Targeting Ligand Glutathione to Brain Endothelial Cells. ACS Applied Materials & Interfaces, 2021, 13, 39018-39029.	8.0	5
5	Assessing the Viscoelasticity of Photopolymer Nanowires Using a Three-Parameter Solid Model for Bending Recovery Motion. Nanomaterials, 2021, 11, 2961.	4.1	3
6	Single-Cell Elasticity Measurement with an Optically Actuated Microrobot. Micromachines, 2020, 11, 882.	2.9	17
7	Modulation of the internal structure and surface properties of natural and synthetic polymer matrices by graphene oxide doping. Polymers for Advanced Technologies, 2020, 31, 1562-1570.	3.2	3
8	Bending dynamics of viscoelastic photopolymer nanowires. Applied Physics Letters, 2020, 117, .	3.3	4
9	Multiview microscopy of single cells through microstructure-based indirect optical manipulation. Biomedical Optics Express, 2020, 11, 945.	2.9	21
10	Direct writing of optical microresonators in a lab-on-a-chip for label-free biosensing. Lab on A Chip, 2019, 19, 1985-1990.	6.0	34
11	Three-dimensional femtosecond laser processing for lab-on-a-chip applications. Nanophotonics, 2018, 7, 613-634.	6.0	134
12	3D Biomimetic Chips for Cancer Cell Migration in Nanometer-Sized Spaces Using â€œShip-in-a-Bottleâ€• Femtosecond Laser Processing. ACS Applied Bio Materials, 2018, 1, 1667-1676.	4.6	15
13	Nearly Aberration-Free Multiphoton Polymerization into Thick Photoresist Layers. Micromachines, 2017, 8, 219.	2.9	14
14	DIC image reconstruction using an energy minimization framework to visualize optical path length distribution. Scientific Reports, 2016, 6, 30420.	3.3	12
15	Surface-modified complex SU-8 microstructures for indirect optical manipulation of single cells. Biomedical Optics Express, 2016, 7, 45.	2.9	32
16	Optically Trapped Surface-Enhanced Raman Probes Prepared by Silver Photoreduction to 3D Microstructures. Langmuir, 2015, 31, 10087-10093.	3.5	17
17	Holographic multi-focus 3D two-photon polymerization with real-time calculated holograms. Optics Express, 2014, 22, 24217.	3.4	96
18	Aminosilane-based functionalization of two-photon polymerized 3D SU-8 microstructures. European Polymer Journal, 2012, 48, 1745-1754.	5.4	35

#	Article	IF	Citations
19	Light sailboats: Laser driven autonomous microrobots. Applied Physics Letters, 2012, 101, 041111.	3.3	46
20	Integrated optical motor. Applied Optics, 2006, 45, 2777.	2.1	65
21	Streptococcal antigen I/II binds to extracellular proteins through intermolecular Î²-sheets. FEBS Letters, 2004, 566, 190-194.	2.8	12
22	Contributory presentations/posters. Journal of Biosciences, 1999, 24, 33-198.	1.1	0