Po-Ling Kuo

List of Publications by Year
in descending order

22 papers	128 citations	1307594 7 h-index	1281871 11 g-index
22 all docs	22 docs citations	22 times ranked	279 citing authors

#	Article	IF	Citations
1	Pathogenic Hydrogel? A Novel-Entrapment Neuropathy Model Induced by Ultrasound-Guided Perineural Injections. International Journal of Molecular Sciences, 2021, 22, 3494.	4.1	1
2	Effect of Perineural Injection with Different Dextrose Volumes on Median Nerve Size, Elasticity and Mobility in Hands with Carpal Tunnel Syndrome. Diagnostics, 2021, 11, 849.	2.6	7
3	Hydrostatic pressure promotes migration and filamin-A activation in fibroblasts with increased p38 phosphorylation and TGF-Î² production. Biochemical and Biophysical Research Communications, 2021, 568, 15-22.	2.1	2
4	Automated Segmentation of Median Nerve in Dynamic Sonography Using Deep Learning: Evaluation of Model Performance. Diagnostics, 2021, 11, 1893.	2.6	14
5	Evaluation of cytotoxic T lymphocyte-mediated anticancer response against tumor interstitium-simulating physical barriers. Scientific Reports, 2020, 10, 13662.	3.3	14
6	Two-Dimensional Laser-Align Device for Ultrasound-Guided Injection. Journal of Clinical Medicine, 2019, 8, 1048.	2.4	3
7	Effects of Extracorporeal Shock Wave-Mediated Transdermal Local Anesthetic Drug Delivery on Rat Caudal Nerves. Ultrasound in Medicine and Biology, 2018, 44, 214-222.	1.5	15
8	Shear-wave elasticity measurements of three-dimensional cell cultures for mechanobiology. Journal of Cell Science, 2016, 130, 292-302.	2.0	14
9	GS1-6 Roles of increased interstitial fluid pressure in cell migration(GS1: Cell and Tissue Biomechanics) Tj ETQq1 1 0.784314 rgBT /Ov in Biomechanics, 2015, 2015.8, 120.	0.0	0
10	GS1-7 Evaluating elasticity dynamics of three-dimensional cell-matrix using ultrasonic shear waves(GS1: Cell and Tissue Biomechanics II). The Proceedings of the Asian Pacific Conference on Biomechanics Emerging Science and Technology in Biomechanics, 2015, 2015.8, 121.	0.0	0
11	Stiffness dynamics of rabbit's achilles tendons evaluated by shear wave elastography in vivo. , 2014, , .		1
12	Modulating chemotaxis of lung cancer cells by using electric fields in a microfluidic device. Biomicrofluidics, 2014, 8, 024107.	2.4	15
13	Finite element analysis of strain-stiffening behaviors of tendons: Compared with shear wave elasticity imaging. , 2014, , .		0
14	Substrate Stiffness Regulates Filopodial Activities in Lung Cancer Cells. PLoS ONE, 2014, 9, e89767.	2.5	24
15	Correlation between the shear wave speed in tendon and its elasticity properties. , 2013, , .		4
16	Tissue shear viscosity measurements using a spectral ratio method. , 2012, , .		1
17	Culturing Cells on Flexible Substrates of High Refractive Indexes. Materials Research Society Symposia Proceedings, 2012, 1418, 67.	0.1	0
18	Investigation on anisotropy of elastic properties in tendon using shear wave elasticity imaging. , 2012, , .		2

#	Article	IF	Citations
19	Joint capsule loosening by high-intensity pulsed ultrasound. , 2010, , .		0
20	Motion of cancer-cell lamellipodia perturbed by laser light of two wavelengths. Applied Physics Letters, 2010, 97, 203702.	3.3	7
21	Measurements of elastic properties of tendons: comparison of two approaches. , 0, , .		0
22	Young's modulus measurements of human liver and correlation with pathological findings. , 0, , .		4