Win Tun Latt

List of Publications by Year
in descending order

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17	456	933447 10	1125743 13
papers	citations	h-index	g-index

17	17	17	417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Hand-held Instrument to Maintain Steady Tissue Contact during Probe-Based Confocal Laser Endomicroscopy. IEEE Transactions on Biomedical Engineering, 2011, 58, 2694-2703.	4.2	61
2	Estimating Displacement of Periodic Motion With Inertial Sensors. IEEE Sensors Journal, 2008, 8, 1385-1388.	4.7	57
3	Autofocusing and Polar Body Detection in Automated Cell Manipulation. IEEE Transactions on Biomedical Engineering, 2017, 64, 1099-1105.	4.2	48
4	Drift-Free Position Estimation of Periodic or Quasi-Periodic Motion Using Inertial Sensors. Sensors, 2011, 11, 5931-5951.	3.8	47
5	Visual Servoed Three-Dimensional Cell Rotation System. IEEE Transactions on Biomedical Engineering, 2015, 62, 2498-2507.	4.2	38
6	Three-Dimensional Cell Rotation With Fluidic Flow-Controlled Cell Manipulating Device. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1995-2003.	5.8	38
7	Compact Sensing Design of a Handheld Active Tremor Compensation Instrument. IEEE Sensors Journal, 2009, 9, 1864-1871.	4.7	35
8	A Low-Cost Flexure-Based Handheld Mechanism for Micromanipulation. IEEE/ASME Transactions on Mechatronics, 2011, 16, 773-778.	5.8	33
9	Physiological Tremor Estimation With Autoregressive (AR) Model and Kalman Filter for Robotics Applications. IEEE Sensors Journal, 2013, 13, 4977-4985.	4.7	32
10	Placement of accelerometers for high sensing resolution in micromanipulation. Sensors and Actuators A: Physical, 2011, 167, 304-316.	4.1	19
11	A new hand-held force-amplifying device for micromanipulation. , 2012, , .		12
12	Visual Servoed Robotic Mouse Oocyte Rotation. IEEE Transactions on Biomedical Engineering, 2020, 67, 2389-2396.	4.2	10
13	A micro motion sensing system for micromanipulation tasks. Sensors and Actuators A: Physical, 2012, 173, 254-266.	4.1	8
14	A hand-held instrument for in vivo probe-based confocal laser endomicroscopy during Minimally Invasive Surgery. , 2012, 2012, 1982-1987.		6
15	A fully automated robotic system for three-dimensional cell rotation. , 2016, , .		6
16	Design and development of a low-cost flexure-based hand-held mechanism for micromanipulation. , 2009, , .		3
17	Transfer Function Compensation in Gyroscope-Free Inertial Measurement Units for Accurate Angular Motion Sensing. IEEE Sensors Journal, 2012, 12, 1207-1208.	4.7	3