# Wen Jung Li

List of Publications by Year
in descending order



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|---|---|---|---|
| 284 papers | 4,833 citations | 117453 34 h-index | 143772 57 g-index |
| 294 all docs | 294 docs citations | 294 times ranked | 4628 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Wireless AI-Powered IoT Sensors for Laboratory Mice Behavior Recognition. IEEE Internet of Things Journal, 2022, 9, 1899-1912. | 5.5 | 5 |
| 2 | Measurement methods of single cell drug response. Talanta, 2022, 239, 123035. | 2.9 | 5 |
| 3 | ANN-Enhanced IoT Wristband for Recognition of Player Identity and Shot Types Based on Basketball Shooting Motion Analysis. IEEE Sensors Journal, 2022, 22, 1404-1413. | 2.4 | 11 |
| 4 | Sphygmopalpation Using Tactile Robotic Fingers Reveals Fundamental Arterial Pulse Patterns. IEEE Access, 2022, 10, 12252-12261. | 2.6 | 4 |
| 5 | Stretchable Sweatâ€Activated Battery in Skinâ€Integrated Electronics for Continuous Wireless Sweat Monitoring. Advanced Science, 2022, 9, e2104635. | 5.6 | 29 |
| 6 | Characterization of interconnectivity of gelatin methacrylate hydrogels using photoacoustic imaging. Lab on A Chip, 2022, 22, 727-732. | 3.1 | 1 |
| 7 | Physical Cytometry: Detecting Mass-Related Properties of Single Cells. ACS Sensors, 2022, 7, 21-36. | 4.0 | 3 |
| 8 | A Review of Electrochemical Sensors for the Detection of Glycated Hemoglobin. Biosensors, 2022, 12, 221. | 2.3 | 20 |
| 9 | Continuous Monitoring of Train Parameters Using IoT Sensor and Edge Computing. IEEE Sensors Journal, 2021, 21, 15458-15468. | 2.4 | 21 |
| 10 | Towards a Virtual Keyboard Scheme Based on Wearing One Motion Sensor Ring on Each Hand. IEEE Sensors Journal, 2021, 21, 3379-3387. | 2.4 | 12 |
| 11 | Quantitative Evaluation of Gymnastics Based on Multiple MEMS Sensors. IEEE Sensors Journal, 2021, 21, 24531-24539. | 2.4 | 7 |
| 12 | Inflammation Endows Benign Prostatic Hyperplasia Cells With Similar Physical Properties to Prostate Cancer Cells. IEEE Open Journal of Nanotechnology, 2021, 2, 52-58. | 0.9 | 0 |
| 13 | Real-time red blood cell counting and osmolarity analysis using a photoacoustic-based microfluidic system. Lab on A Chip, 2021, 21, 2586-2593. | 3.1 | 11 |
| 14 | The Principle and Architectures of Optical Stress Sensors and the Progress on the Development of Microbend Optical Sensors. Advanced Optical Materials, 2021, 9, 2001693. | 3.6 | 13 |
| 15 | Mouse on a Ring: A Mouse Action Scheme Based on IMU and Multi-Level Decision Algorithm. IEEE Sensors Journal, 2021, 21, 20512-20520. | 2.4 | 2 |
| 16 | High-Precision and Customized Ring-Type Virtual Keyboard Based on Layout Redesign. IEEE Sensors Journal, 2021, 21, 25891-25900. | 2.4 | 3 |
| 17 | Enabling High Efficiency of Hydrocarbonâ€Solvent Processed Organic Solar Cells through Balanced Charge Generation and Nonâ€Radiative Loss. Advanced Energy Materials, 2021, 11, 2101768. | 10.2 | 61 |
| 18 | Rapid nanomolding of nanotopography on flexible substrates to control muscle cell growth with enhanced maturation. Microsystems and Nanoengineering, 2021, 7, 89. | 3.4 | 5 |

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|---|---|---|---|
| 19 | Advances in Dielectric Microspherical Lens Nanoscopy: Label-Free Superresolution Imaging. IEEE Nanotechnology Magazine, 2021, 15, 38-C3. | 0.9 | 2 |
| 20 | Recent Advances in Femtosecond Laser Fabrication: From Structures to Applications. IEEE Open Journal of Nanotechnology, 2021, 2, 161-177. | 0.9 | 1 |
| 21 | Wireless Rail Fastener Looseness Detection Based on MEMS Accelerometer and Vibration Entropy. IEEE Sensors Journal, 2020, 20, 3226-3234. | 2.4 | 13 |
| 22 | Detection and isolation of free cancer cells from ascites and peritoneal lavages using optically induced electrokinetics (OEK). Science Advances, 2020, 6, eaba9628. | 4.7 | 34 |
| 23 | Determination of Microsphere-Lens Magnification Using Micro-Robotic Scanning Superlens Nanoscopy. IEEE Open Journal of Nanotechnology, 2020, 1, 65-76. | 0.9 | 3 |
| 24 | Scanning Super-Resolution Imaging in Enclosed Environment by Laser Tweezer Controlled Superlens. Biophysical Journal, 2020, 119, 2451-2460. | 0.2 | 10 |
| 25 | A Microfluidic Device With Optically-Controlled Electrodes for On-Demand Electrical Impedance Measurement of Targeted Single Cells. Journal of Microelectromechanical Systems, 2020, 29, 1563-1569. | 1.7 | 5 |
| 26 | Adaptive 3D Position Estimation of Pedestrians by Wearing One Ankle Sensor. IEEE Sensors Journal, 2020, 20, 11642-11651. | 2.4 | 14 |
| 27 | Microliter Sample Insulin Detection Using a Screen-Printed Electrode Modified by Nickel Hydroxide. ACS Omega, 2020, 5, 6169-6176. | 1.6 | 9 |
| 28 | Automated Parallel Electrical Characterization of Cells Using Optically-Induced Dielectrophoresis. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1084-1092. | 3.4 | 27 |
| 29 | An Explicable Keystroke Recognition Algorithm for Customizable Ring-Type Keyboards. IEEE Access, 2020, 8, 22933-22944. | 2.6 | 8 |
| 30 | A Review on Optoelectrokinetics-Based Manipulation and Fabrication of Micro/Nanomaterials. Micromachines, 2020, 11, 78. | 1.4 | 10 |
| 31 | Nanomaterials for Flexible Arterial Pulse Sensors. , 2020, , 309-359. | | 0 |
| 32 | Nanoscale Particles and Multifunctional Hybrid Soft Nanomaterials in Bio/Nanomedicine. , 2020, , 1-58. | | 4 |
| 33 | Estimation of Pedestrian Altitude Inside a Multi-Story Building Using an Integrated Micro-IMU and Barometer Device. IEEE Access, 2019, 7, 84680-84689. | 2.6 | 19 |
| 34 | Optoelectrokinetics-based microfluidic platform for bioapplications: A review of recent advances. Biomicrofluidics, 2019, 13, 051502. | 1.2 | 10 |
| 35 | Light-sheet microscopy in the near-infrared II window. Nature Methods, 2019, 16, 545-552. | 9.0 | 151 |
| 36 | Wireless IoT Motion-Recognition Rings and a Paper Keyboard. IEEE Access, 2019, 7, 44514-44524. | 2.6 | 24 |

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| 37 | Photonic Nanojet Sub-Diffraction Nano-Fabrication With <italic>in situ</italic> Super-Resolution Imaging. IEEE Nanotechnology Magazine, 2019, 18, 226-233. | 1.1 | 15 |
| 38 | Direct Transfer Printing of Dielectric Nanoparticle Assembled Superlens Array for Super-resolution Imaging*. , 2019, , . | | 2 |
| 39 | A Review on Microscopic Visual Servoing for Micromanipulation Systems: Applications in Micromanufacturing, Biological Injection, and Nanosensor Assembly. Micromachines, 2019, 10, 843. | 1.4 | 17 |
| 40 | A Review of Automated Microinjection of Zebrafish Embryos. Micromachines, 2019, 10, 7. | 1.4 | 45 |
| 41 | In situ printing of liquid superlenses for subdiffraction-limited color imaging of nanobiostructures in nature. Microsystems and Nanoengineering, 2019, 5, 1. | 3.4 | 67 |
| 42 | Detection of micro/nano-particle concentration using modulated light-emitting diode white light source. Sensors and Actuators A: Physical, 2019, 285, 89-97. | 2.0 | 5 |
| 43 | Super-resolution Monitoring of React-on-demand Photo-assisted Electrochemical Printing via Microsphere Nanoscopy. , 2019, , . | | 1 |
| 44 | Volleyball Skill Assessment Using a Single Wearable Micro Inertial Measurement Unit at Wrist. IEEE Access, 2018, 6, 13758-13765. | 2.6 | 57 |
| 45 | Visible light induced electropolymerization of suspended hydrogel bioscaffolds in a microfluidic chip. Biomaterials Science, 2018, 6, 1371-1378. | 2.6 | 13 |
| 46 | Accurate Recognition of Volleyball Motion Based on Fusion of MEMS Inertial Measurement Unit and Video Analytic. , 2018, , . | | 2 |
| 47 | Thermometry of photosensitive and optically induced electrokinetics chips. Microsystems and Nanoengineering, 2018, 4, 26. | 3.4 | 2 |
| 48 | Non-UV Patterning of Gelatin Methacryloyl Hydrogel by Optically Induced Electropolymerization. , 2018, , . | | 0 |
| 49 | SMC Difference of Normal and Cancerous Human Urothelial Cells Quantified with an Opto-Electrokinetic Device. , 2018, , . | | 2 |
| 50 | IoT for Next-Generation Racket Sports Training. IEEE Internet of Things Journal, 2018, 5, 4558-4566. | 5.5 | 58 |
| 51 | Determination of the Three-Dimensional Rate of Cancer Cell Rotation in an Optically-Induced Electrokinetics Chip Using an Optical Flow Algorithm. Micromachines, 2018, 9, 118. | 1.4 | 9 |
| 52 | Rapid Assembly of Carbon Nanoparticles Into Electrical Elements by Optically-Induced Electroosmotic Flow. IEEE Nanotechnology Magazine, 2018, 17, 1045-1052. | 1.1 | 5 |
| 53 | Single-Wall Carbon Nanotube-Coated Cotton Yarn for Electrocardiography Transmission. Micromachines, 2018, 9, 132. | 1.4 | 23 |
| 54 | Atomization of High-Viscosity Fluids for Aromatherapy Using Micro-heaters for Heterogeneous Bubble Nucleation. Scientific Reports, 2017, 7, 40289. | 1.6 | 5 |

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| 55 | Spatial Manipulation and Assembly of Nanoparticles by Atomic Force Microscopy Tip-Induced Dielectrophoresis. ACS Applied Materials & Interfaces, 2017, 9, 16715-16724. | 4.0 | 18 |
| 56 | Fabrication of all-transparent polymer-based and encapsulated nanofluidic devices using nano-indentation lithography. Microsystems and Nanoengineering, 2017, 3, 16084. | 3.4 | 11 |
| 57 | Determination of Cell Membrane Capacitance and Conductance via Optically Induced Electrokinetics. Biophysical Journal, 2017, 113, 1531-1539. | 0.2 | 66 |
| 58 | Fabrication of a probe-lens device for scanning super-resolution imaging platform. , 2017, , . | | 2 |
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| 61 | Fabrication of High-Aspect-Ratio 3D Hydrogel Microstructures Using Optically Induced Electrokinetics. Micromachines, 2016, 7, 65. | 1.4 | 7 |
| 62 | Scanning superlens microscopy for non-invasive large field-of-view visible light nanoscale imaging. Nature Communications, 2016, 7, 13748. | 5.8 | 141 |
| 63 | Micro bubble generation using monolayer graphene heating elements. , 2016, , . | | 1 |
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| 66 | Rapidly patterning micro/nano devices by directly assembling ions and nanomaterials. Scientific Reports, 2016, 6, 32106. | 1.6 | 21 |
| 67 | A pulse-sensing robotic hand for tactile arterial palpation. , 2016, , . | | 9 |
| 68 | Super-Resolution Real Imaging in Microsphere-Assisted Microscopy. PLoS ONE, 2016, 11, e0165194. | 1.1 | 52 |
| 69 | Large field-of-view super-resolution imaging of endo-cellular structures through micro-beads array. , 2015, , . | | 0 |
| 70 | Measurement of single leukemia cell's density and mass using optically induced electric field in a microfluidics chip. Biomicrofluidics, 2015, 9, 022406. | 1.2 | 29 |
| 71 | Graphene-Based Glucose Sensors: A Brief Review. IEEE Transactions on Nanobioscience, 2015, 14, 818-834. | 2.2 | 44 |
| 72 | Fabrication of nanofluidic channels in polymer substrates using nanomechanical probes. , 2015, , . | | 0 |

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| 73 | Droplet-based dielectrophoresis device for on-chip nanomedicine fabrication and improved gene delivery efficiency. Microfluidics and Nanofluidics, 2015, 19, 235-243. | 1.0 | 6 |
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| 75 | Super-resolution endoscopy for real-time wide-field imaging. Optics Express, 2015, 23, 16803. | 1.7 | 31 |
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| 79 | Development of an Indoor Airflow Energy Harvesting System for Building Environment Monitoring. Energies, 2014, 7, 2985-3003. | 1.6 | 21 |
| 80 | Hand-Writing Motion Tracking with Vision-Inertial Sensor Fusion: Calibration and Error Correction. Sensors, 2014, 14, 15641-15657. | 2.1 | 11 |
| 81 | Rapid assembly of gold nanoparticle-based microstructures using optically-induced electrokinetics. Optical Materials Express, 2014, 4, 2368. | 1.6 | 12 |
| 82 | Regulating the mechanical properties of cells using a non-UV light-addressable hydrogel patterning process. , 2014, , . | | 2 |
| 83 | Dielectrophoretically-assisted electroporation using light-activated virtual microelectrodes for multiple DNA transfection. Lab on A Chip, 2014, 14, 592-601. | 3.1 | 32 |
| 84 | 2D Human Gesture Tracking and Recognition by the Fusion of MEMS Inertial and Vision Sensors. IEEE Sensors Journal, 2014, 14, 1160-1170. | 2.4 | 56 |
| 85 | Rapid determination of cell mass and density using digitally controlled electric field in a microfluidic chip. Lab on A Chip, 2014, 14, 4426-4434. | 3.1 | 42 |
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| 93 | Manipulation of DNA origami nanotubes in liquid using programmable tappingâ€mode atomic force microscopy. Micro and Nano Letters, 2013, 8, 641-645. | 0.6 | 4 |
| 94 | An indoor air duct flow energy conversion system: modeling and experiments. , 2013, , . | | 3 |
| 95 | Inducing self-rotation of cells with natural and artificial melanin in a linearly polarized alternating current electric field. Biomicrofluidics, 2013, 7, 054112. | 1.2 | 10 |
| 96 | Simultaneous separation and concentration of micro- and nano-particles by optically induced electrokinetics. Sensors and Actuators A: Physical, 2013, 193, 103-111. | 2.0 | 37 |
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| 109 | Optimizing sonication parameters for dispersion of single-walled carbon nanotubes. Chemical Physics, 2012, 408, 11-16. | 0.9 | 111 |
| 110 | Inducing self-rotation of Melan-a cells by ODEP. , 2012, , . | | 4 |
| 111 | Investigation of electrical properties of DNA-attached carbon nano-particles for biological applications. , 2012, , . | | 1 |
| 112 | An indoor air duct flow energy conversion system for powering Wireless Sensors. , 2012, , . | | 0 |
| 113 | Rapid micro-patterning of a conductive PANI/MWNTs-polymer composite using an optically-induced electrokinetics chip. , 2012, , . | | 1 |
| 114 | An adaptive data transmission scheme for Wireless Body Area Networks. , 2012, , . | | 1 |
| 115 | MEMS Accelerometer Based Nonspecific-User Hand Gesture Recognition. IEEE Sensors Journal, 2012, 12, 1166-1173. | 2.4 | 204 |
| 116 | Improving Carbon Nanotubes Sensor Time Response and Responsivity Using Constant-Power Activation. IEEE Nanotechnology Magazine, 2012, 11, 624-632. | 1.1 | 4 |
| 117 | A Digitally Controllable Polymer-Based Microfluidic Mixing Module Array. Micromachines, 2012, 3, 279-294. | 1.4 | 16 |
| 118 | Optical Spectrum and Electric Field Waveform Dependent Optically-Induced Dielectrophoretic (ODEP) Micro-Manipulation. Micromachines, 2012, 3, 492-508. | 1.4 | 40 |
| 119 | A wind-flutter energy converter for powering wireless sensors. Sensors and Actuators A: Physical, 2012, 173, 163-171. | 2.0 | 60 |
| 120 | Gold nano-particle-based thermal sensors fabricated using microspotting and DEP techniques. Sensors and Actuators A: Physical, 2012, 178, 32-39. | 2.0 | 11 |
| 121 | Self-induced rotation of pigmented cells by dielectrophoretic force field. , 2011, , . | | 7 |
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| 123 | An equivalent electrical model for numerical analyses of ODEP manipulation. , 2011, , . | | 11 |
| 124 | Fabrication and manipulation of fluorescent carbon nanoparticles for biosensing applications. , 2011, , . | | 3 |
| 125 | Towards automated micro-/nano-scale manipulation, separation, assembly, and fabrication by optically-induced dielectrophoresis. , 2011, , . | | 0 |
| 126 | A Picowatt Powered Carbon-Nanotube-Based Thermal Convective Motion Sensor. IEEE Nanotechnology Magazine, 2011, 10, 923-925. | 1.1 | 5 |

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| 128 | Simultaneous purification and surface plasmon resonance characterization of mechanoresponsive, discretely functionalized gold nanoparticles. Journal of Materials Chemistry, 2011, 21, 8317. | 6.7 | 6 |
| 129 | Fabrication of Micrometer- and Nanometer-Scale Polymer Structures by Visible Light Induced Dielectrophoresis (DEP) Force. Micromachines, 2011, 2, 431-442. | 1.4 | 24 |
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| 131 | Three dimensional low-speed motion tracking using micro inertial measurement unit and monocular visual sensor. , 2011, , . | | 0 |
| 132 | Fabrication of Schottky Barrier Carbon Nanotube Field Effect Transistors Using Dielectrophoretic-Based Manipulation. Journal of Nanoscience and Nanotechnology, 2010, 10, 7000-7004. | 0.9 | 1 |
| 133 | Exploring the Limits of Dielectrophoretic Nanoassembly. IEEE Nanotechnology Magazine, 2010, 4, 14-18. | 0.9 | 2 |
| 134 | A carbon nanotube sensor for wall shear stress measurement. Experiments in Fluids, 2010, 48, 679-691. | 1.1 | 9 |
| 135 | Integrated SWCNT sensors in micro-wind tunnel for air-flow shear-stress measurement. Microfluidics and Nanofluidics, 2010, 8, 631-640. | 1.0 | 7 |
| 136 | Identification of ankle sprain motion from common sporting activities by dorsal foot kinematics data. Journal of Biomechanics, 2010, 43, 1965-1969. | 0.9 | 21 |
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| 138 | Pico-watts thermal convective accelerometer based on CNT sensing element. , 2010, , . | | 4 |
| 139 | Comparing ODEP and DEP forces for micro/nano scale manipulation: A theoretical analysis. , 2010, , . | | 2 |
| 140 | Investigation on optimizing the performance of conductance-based CNTs chemical sensors. , 2010, , . | | 0 |
| 141 | Performance of F-CNTs sensors towards ethanol vapor using different functional groups. , 2010, , . | | 2 |
| 142 | Investigation of a PDMS based micromixer for heterogeneous immunoassays of insulin. , 2010, , . | | 1 |
| 143 | An Optical-Tracking Calibration Method for MEMS-Based Digital Writing Instrument. IEEE Sensors Journal, 2010, 10, 1543-1551. | 2.4 | 22 |
| 144 | Prototyping of Beam Shaping Diffraction Gratings by AFM Nanoscale Patterning. IEEE Transactions on Automation Science and Engineering, 2010, 7, 49-57. | 3.4 | 2 |

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| 146 | Insulin detection based on a PDMS microfluidic system. , 2010, , . | | 2 |
| 147 | Noiseless and vibration-free Ionic Propulsion technology for indoor surveillance blimps. , 2009, , . | | 3 |
| 148 | Visual-Based Impedance Control of Out-of-Plane Cell Injection Systems. IEEE Transactions on Automation Science and Engineering, 2009, 6, 565-571. | 3.4 | 96 |
| 149 | Towards HMM based human motion recognition using MEMS inertial sensors. , 2009, , . | | 11 |
| 150 | Indoor ionic propulsion technology - high voltage power system design. , 2009, , . | | 0 |
| 151 | Design and fabrication of centrifugal microfluidic disk for allergic response monitoring. , 2009, , . | | 1 |
| 152 | PROTOTYPING OF DIFFRACTIVE GRATING OPTICS FOR SENSOR APPLICATION BY AN INTEGRATED PROBE-BASED SYSTEM. International Journal of Information Acquisition, 2009, 06, 1-12. | 0.2 | 0 |
| 153 | Carbon nanotubeâ€sensorâ€integrated microfluidic platform for realâ€time chemical concentration detection. Electrophoresis, 2009, 30, 3198-3205. | 1.3 | 19 |
| 154 | Multi-category human motion recognition based on MEMS inertial sensing data. , 2009, , . | | 1 |
| 155 | Real-time written-character recognition using MEMS motion sensors: Calibration and experimental results. , 2009, , . | | 11 |
| 156 | Reusable CNTs-based chemical sensors. , 2009, , . | | 5 |
| 157 | Gesture recognition for interactive controllers using MEMS motion sensors. , 2009, , . | | 28 |
| 158 | Extreme-low-power thermal convective accelerometer based on CNT sensing element. , 2009, , . | | 3 |
| 159 | Experimental investigation on the dynamic response of thermal EG-CNT flow sensors. , 2009, , . | | 1 |
| 160 | A fluttering-to-electrical energy transduction system for consumer electronics applications. , 2009, , . | | 12 |
| 161 | Mobile Human Airbag System for Fall Protection Using MEMS Sensors and Embedded SVM Classifier. IEEE Sensors Journal, 2009, 9, 495-503. | 2.4 | 122 |
| 162 | Experimental investigation of CNT-Based micro bubble generation inside microchannels. , 2009, , . | | 0 |

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| 165 | Nanoscale welding by AFM tip induced electric field. , 2009, , . | | 4 |
| 166 | Investigation of GDH/ laccase enzymes for bio-energy generation systems. , 2009, , . | | 2 |
| 167 | Hand-written character recognition using MEMS motion sensing technology. , 2008, , . | | 26 |
| 168 | Towards an electric-powered air-gliding skateboard. , 2008, , . | | 4 |
| 169 | Comparison of Dynamic Response of Functionalized and Bare MWNT Sensors. , 2008, , . | | 0 |
| 170 | Formation of gold Nano-particle chains by DEP — a parametric experimental analysis. , 2008, , . | | 3 |
| 171 | The Carbon Nanotube Based Micro Bubble Generator in Micro Channel with Dynamic Fluid. , 2008, , . | | 0 |
| 172 | Limitations of Au Particle Nanoassembly Using Dielectrophoretic Forceâ€"A Parametric Experimental and Theoretical Study. IEEE Nanotechnology Magazine, 2008, 7, 477-479. | 1.1 | 12 |
| 173 | Ultra-Low-Powered Aqueous Shear Stress Sensors Based on Bulk EG-CNTs Integrated in Microfluidic Systems. IEEE Nanotechnology Magazine, 2008, 7, 565-572. | 1.1 | 15 |
| 174 | PCA/ICA-based SVM for fall recognition using MEMS motion sensing data. , 2008, , . | | 1 |
| 175 | Fabrication of gold nano-particle based sensors using microspotting and DEP technologies. , 2008, , . | | 2 |
| 176 | Selective and localized micro-assembly of NaCl crystals by DEP force. , 2008, , . | | 0 |
| 177 | Ultra-low-powered CNTs-based aqueous shear stress sensors integrated in microfluidic channels. , 2008, , . | | 2 |
| 178 | Towards automated nanomanipulation of nano-bio-entities using real-time molecular force feedback information. , 2008, , . | | 2 |
| 179 | Purification of SWNTs using high-speed centrifugation. , 2008, , . | | 3 |
| 180 | Design and simulation of electrodes for 3D dielectrophoretic trapping. , 2008, , . | | 0 |

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| 181 | Constant-power operation of functionalized carbon nanotube sensors for alcohol vapor detection. , 2008, , . | | 4 |
| 182 | A programmable AFM-based nanomanipulation method using vibration-mode operation. , 2008, , . | | 9 |
| 183 | Integrated CNT sensors in polymer microchannel for gas-flow shear-stress measurement. , 2008, , . | | 4 |
| 184 | Development of a bio-energy generation system based on microfluidic platform. , 2008, , . | | 1 |
| 185 | UV-Illumination Induced Desorption of CNT Sensors. , 2008, , . | | 2 |
| 186 | Control of Flow-Induced Vibration of Two Side-by-Side Cylinders Using Micro Actuators. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2008, , 387-391. | 0.1 | 0 |
| 187 | AFM operating-drift detection and analyses based on automated sequential image processing. , 2007, , . | | 4 |
| 188 | Visual-based Impedance Force Control of Three-dimensional Cell Injection System. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , . | 0.0 | 25 |
| 189 | Theoretical analysis based on particle electro-mechanics for Au Pearl Chain Formation. , 2007, , . | | 4 |
| 190 | An AA-Sized Vibration-Based Microgenerator for Wireless Sensors. IEEE Pervasive Computing, 2007, 6, 64-72. | 1.1 | 55 |
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| 193 | Towards a mobile airbag system using MEMS sensors and embedded intelligence. , 2007, , . | | 6 |
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