

## メステック製品使用の研究論文・技術解説文(一部紹介)

年	学会発表・掲載誌	執筆者名	研究論文・技術解説文題名
2011	Carbon 49(2011),1752-1757	Fei Deng, Weibang Lu, Haibo Zhao, Yuntian Zhu, Byung-Sun Kim, Tsu-Wei Chou	The Properties of dry-spun carbon nanotube fibers and their interfacial shear strength in an epoxy composite
2010	SPIE Photonics West 2010	Hiromasa Oku, Masatoshi Ishikawa	High-speed liquid lens with 2-ms response and 80.3-nm root-mean-square wavefront error
2009	Sensors 2009, 9, 4005-4021	Fucai Li, Hideaki Murayama, Kazuro Kageyama, Takehiro Shirai	Guided Wave and Damage Detection in Composite Laminates Using Different Fiber Optic Sensors
	J. Mass Spectrom. Soc. Jpn. Vol. 57, No. 3, 2009	Hideaki Yamada, Kazuya Ichiki, Yoshihiko Nakata, Satoshi Ninomiya, Toshio Seki, Takaaki Aoki, Jiro Matsuo	A Processing Technique for Cell Surfaces Using Gas Cluster Ions for Imaging Mass Spectrometry
	名古屋大学工学研究科技術部技報 Vol.11(09年3月)	熊澤克芳, 白木尚康 中西幸弘, 森木義隆	ピエゾを用いた X 線回折実験用粉末試料充填装置の開発
	埼玉県産業技術総合センター 研究報告第7巻(2009)	荻原重人, 浅海暎(*)	高分解能アクチュエータ用高剛性変位拡大機構の開発
	計測技術, Vol.37, pp30-33(2009)	中井健二(*)	静電容量型変位計でのナノメートル制御
2008	J. Low Temp Phys.(2008), 150, 561-566	Kohta Saitoh, Kenichi Hayashi, Yoshiyuki Shibayama, Keiya Shirahama	Development of a Low Temperature Scanning Probe Microscope
	Int. J. of Automation Technology Vol.2 No.2, 2008	Hideki Takezawa, Naotake Mohri, Kouhei Asano, Yasunori Kodama	Development of Micro Electrical Discharge Machine
2007	19th International Congress on Acoustics Madrid, 2-7 September 2007	Hotehama Takuya, Nakagawa Seiji	Lateralization of Amplitude-modulated Bone-conducted Ultrasounds: Discrimination of Interaural Time and Intensity Differences and Time-intensity Trading
2005	Rev. Scientific Instruments, 76(5), 1-5, 2005	Noriyuki Kodera, Hayato Yamashita, Toshio Ando	Active damping of the scanner for high-speed atomic force microscopy
2004	10th AIAA/ISSMO Multidisciplinary Analysis and Optimization Conference 30 August - 1 September 2004, Albany, New York	Hiroshi Furuya, Hiromichi Ohira, Nozomu Kogiso, Koichi Tomuro(*)	Shape Optimization of Piezo-Ceramics Actuators on Displacement Magnification Mechanisms
2002	Proc. of ICMT2002, pp412-422	Jung-Ho Park, Kazuhiro Yoshida, Yoshihiro Nakasu, Shinichi Yokota et al	A Resonantly-Driven Piezoelectric Micropump for Microfactory
1999	Jpn. J. Appl. Phys., Vol.38(1999), Part I, No.12A, pp6952-6954	Woo-chul Moon, Tatsuo Yoshinobu, Hiroshi Iwasaki	Nanoscale Patterning of Au Films on Si Surfaces by Atomic Force Microscopy

\* : 株式会社メステック