Sensors Best Paper Award 2014

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In 2011, an annual award system was instituted to recognize outstanding *Sensors* papers that are related to sensing technologies and applications and meet the aims, scope and high standards of this journal [1–3]. This year, nominations were made by the Section Editor-in-Chiefs of *Sensors* from among all the papers published in 2010 to track citations. Reviews and full research articles were considered separately. We gladly announce that the following eight papers were awarded the *Sensors* Best Paper Award in 2014.

**Article Award:**

1st Prize

**Heather K. Hunt, Carol Soteropulos and Andrea M. Armani**

Bioconjugation Strategies for Microtoroidal Optical Resonators

*Sensors 2010, 10*(10), 9317-9336; doi:10.3390/s101009317

Available online: http://www.mdpi.com/1424-8220/10/10/9317
A Tunable Strain Sensor Using Nanogranular Metals
Christian H. Schwalb, Christina Grimm, Markus Baranowski, Roland Sachser, Fabrizio Porrati, Heiko Reith, Pintu Das, Jens Müller, Friedemann Völklein, Alexander Kaya and Michael Huth
Sensors 2010, 10(11), 9847-9856; doi:10.3390/s101109847
Available online: http://www.mdpi.com/1424-8220/10/11/9847

A Microring Resonator Sensor for Sensitive Detection of 1,3,5-Trinitrotoluene (TNT)
Rozalia Orghici, Peter Lützow, Jörg Burgmeier, Jan Koch, Helmut Heidrich, Wolfgang Schade, Nina Welschoff and Siegfried Waldvogel
Sensors 2010, 10(7), 6788-6795; doi:10.3390/s100706788
Available online: http://www.mdpi.com/1424-8220/10/7/6788

Machine Learning Methods for Classifying Human Physical Activity from On-Body Accelerometers
Andrea Mannini and Angelo Maria Sabatini
Sensors 2010, 10(2), 1154-1175; doi:10.3390/s100201154
Available online: http://www.mdpi.com/1424-8220/10/2/1154

CMOS-Integrated Film Bulk Acoustic Resonators for Label-Free Biosensing
Martin Nirschl, Arto Rantala, Kari Tukkiniemi, Sanna Auer, Ann-Charlotte Hellgren, Dana Pitzer, Matthias Schreiter and Inger Vikholm-Lundin
Sensors 2010, 10(5), 4180-4193; doi:10.3390/s100504180
Available online: http://www.mdpi.com/1424-8220/10/5/4180

Glucose Biosensors: An Overview of Use in Clinical Practice
Eun-Hyung Yoo and Soo-Youn Lee
Sensors 2010, 10(5), 4558-4576; doi:10.3390/s100504558
Available online: http://www.mdpi.com/1424-8220/10/5/4558

Advanced Taste Sensors Based on Artificial Lipids with Global Selectivity to Basic Taste Qualities and High Correlation to Sensory Scores
Yoshikazu Kobayashi, Masaaki Habara, Hidekazu Ikezaki, Ronggang Chen, Yoshinobu Naito and Kiyoshi Toko
Sensors 2010, 10(4), 3411-3443; doi:10.3390/s100403411
Available online: http://www.mdpi.com/1424-8220/10/4/3411
3rd Prize

George F. Fine, Leon M. Cavanagh, Ayo Afonja and Russell Binions
Metal Oxide Semi-Conductor Gas Sensors in Environmental Monitoring
Sensors 2010, 10(6), 5469-5502; doi:10.3390/s100605469
Available online: http://www.mdpi.com/1424-8220/10/6/5469

The prize awarding committee merits the article “Bioconjugation Strategies for Microtoroidal Optical Resonators” as a “significant experimental work to extend label-free biosensors performance to specificity by surface functionalization (silica microtoroidal case)”. The review “Glucose Biosensors: An Overview of Use in Clinical Practice” “details, in depth, the analytical requirements in terms of precision of measurement, statistical accuracy…; and will “…enable a perspective on the future direction of the medically accepted correlation.”, and further “…moves from the basic principles of these important devices to actual practice”.

These eight exceptional papers are valuable contributions to Sensors and the sensing field. On behalf of the Prize Awarding Committee and the Editorial Board of Sensors, we would like to congratulate these eight teams for their excellent work. In recognition of their accomplishment, Drs. Andrea M. Armani, Christian H. Schwalb, Rozalia Orghici, Angelo Maria Sabatini and Martin Nirschl will receive 1,000 CHF, 800 CHF, 600 CHF, 400 CHF and 200 CHF, respectively, and the privilege of publishing an additional open access format paper of their choice, free of charge, in Sensors in 2014. Drs. Soo-Youn Lee, Yoshikazu Kobayashi, and Russell Binions will be awarded the privilege of publishing an additional research paper free of charge in open access format in Sensors.

Prize Awarding Committee

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References


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