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Nota di contenuto	Smart sensors for electrical and non-electrical, physical and chemical variables: state-of-the-art / Sergey Y. Yurish -- Novel conversion methods for self-adaptive smart sensors / Sergey Y. Yurish and Nikolay V. Kirianaki -- Resonant piezoelectric devices as physical and biochemical sensors / Fabien Josse and Richard W. Cernosek -- Acoustic-wave piezoelectric and pyroelectric sensor based on PZT thick films / Vittorio Ferrari -- Wireless passive SAW identification marks and sensors / Elke Mackensen and Leonhard Reindl -- Precise vectorial magnetic sensors / Pavel Ripka -- Micro-hall magnetic sensors: physical, technologies and applications / Radivoje S. Popovic, Giovanni Boero, and Pierre-Andre Besse -- Modern silicon-based MEMS technology / Ulrich Mescheder -- Porous silicon: technology and applications for micromachining and MEMS / Ulrich Mescheder -- Thermal design of microelectronics system / Dmytro Fedasyuk and Volodymyr Makar -- Chemical and biological sensors based on microcantilevers / P.G. Datskos, N.V. Lavrik and M.J. Sepaniak -- Uncooled infrared MEMS detectors / P.G. Datskos and N.V. Lavrik --

Bulk acoustic wave sensors in chemical analysis / Maria Teresa S. R. Gomes -- Electronic biosensors based on biomaterial-nanoparticle hybrid systems / Eugenii Katz
