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\*Source: 2009 Thomson Reuters Journal Citation Report, published June 2010

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## AIP/AVS Applied Physics Library Quick Facts

Available to new or existing IEEE corporate and government subscribers as an add-on subscription, the AIP/AVS Applied Physics Library offers:

Full-text, unlimited PDF access to five AIP/AVS applied physics journals:

- *Applied Physics Letters (AIP)*
- *Journal of Applied Physics (AIP)*
- *Review of Scientific Instruments (AIP)*
- *Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films (AVS)*
- *Journal of Vacuum Science and Technology B: Microelectronics and Nanometer Structures (AVS)*

A backfile from 1930

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## AIP/AVS Applied Physics Library: Five prestigious journals in one collection

### *Applied Physics Letters (AIP)*

Weekly journal featuring concise, up-to-date reports on significant new findings in applied physics. Emphasizing rapid dissemination of key data and new physical insights, the journal offers prompt publication of new experimental and theoretical papers bearing on applications of physics phenomena to all branches of science, engineering and modern technology.

- The #1 cited journal in applied physics\*
- Cited 26,000 times in semiconductor patents

### *Journal of Applied Physics (AIP)*

Twice-monthly archival journal for significant new results in applied physics, highlighting important applications to semiconductors, magnetics, optics, biophysics and other fields. A key component is Applied Physics Reviews, which offers authoritative, state-of-the-art summaries of current topics in applied physics and their applications to other branches of engineering and science.

- The #2 cited journal in applied physics\*
- Cited 10,912 times in semiconductor patents

### *Review of Scientific Instruments (AIP)*

Monthly journal devoted to scientific instruments, apparatus and techniques. Content includes original and review articles on instruments in physics, chemistry and the life sciences; book reviews; and sections on new instruments and new materials.

- The #5 cited journal in applied physics\*
- Cited 430 times in semiconductor patents

### *Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films (AVS)*

Published six times a year with featured topics such as applied surface science, electronic materials and processing, fusion technology, plasma technology, surface science, thin films, vacuum metallurgy and vacuum technology. Contains the program and papers from the AVS National Symposium, as well as other conferences.

- An impact factor of 1.297 in applied physics\*
- Cited in over 5,800 semiconductor patents (JVST A&B combined)

### *Journal of Vacuum Science and Technology B: Microelectronics and Nanometer Structures (AVS)*

Published six times a year with featured topics such as vacuum processing, plasma processing, materials and structural characterization, microlithography, as well as the physics and chemistry of submicron and nanometer structures and devices. The journal also publishes papers from conferences and symposia that are sponsored by the AVS and its divisions.

- An impact factor of 1.460 in applied physics\*
- Cited in over 5,800 semiconductor patents (JVST A&B combined)

\*Source: 2009 Thomson Reuters Journal Citation Report, published June 2010

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