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Featured

NOV 21 2016

Silicene: Recent theoretical advances

NOV 21 2016 NOV 21 2016 NOV 21 2016 OCT 07 2016

Soft chemical synthesis of silicon nanosheets and their applications Clathrates and beyond: Low-density allotropy in Preface to Special Topic: Exotic Forms of Silicon Multifunctional epitaxial systems on silicon substrates

Logo



URL

<http://aip.scitation.org/journal/are>

Subject

Physics - Reviews - Periodicals

Accessibility

On Subscription basis

Language

English

Publisher

AIP Publishing LLC.

Brief History

Originally a part of the Journal of Applied Physics, Applied Physics Reviews began being published independently in January 2014 with volume numbering restarting at 1. The editors-in-chief are John M. Poate (Colorado School of Mines) and Bill R. Appleton (University of Florida). According to the Journal Citation Reports, the journal has a 2015 impact factor of 14.31.

Scope and Coverage

Applied Physics Reviews is an annual peer-reviewed scientific journal publishing reviews of topics of experimental or theoretical research in applied physics and applications of physics to other branches of science and engineering. APR publishes the following types of review articles:

Focused Reviews: Short, timely reviews that cover recent advances in established fields or new and emerging areas of applied physics.

Reviews: Comprehensive reviews providing in-depth coverage of established areas of applied physics.

Kind of Information

All the reviews of Applied Physics deals with some core areas of Physics. Such as... Acoustics, Astronomy and astrophysics, Atomic and molecular physics, Biological physics, Condensed matter physics, Energy, General physics, Geophysics, Interdisciplinary physics, Materials science, Mathematical physics, Nanotechnology, Nuclear physics, Optics and optical physics, Particle physics, Physical chemistry, Plasma physics, Quantum mechanics, Rheology and fluid dynamics, Society and organization & Statistical physics.

Article types: The journal publishes "regular reviews" (comprehensive reviews covering established areas in-depth) and "focused reviews" (concise reviews covering new and emerging areas of science).

The screenshot displays a grid of five article teasers under the heading "Most Recent" and a sidebar titled "Active Topics".

Most Recent			
DEC 01 2016 Connecting point defect parameters with bulk properties to describe diffusion in solids	DEC 15 2016 High-resolution fast ion microscopy of single whole biological cells	Active Topics Condensed matter physics Materials science General physics Physical chemistry Interdisciplinary physics Browse All Topics	
DEC 16 2016 Inertial rotation measurement with atomic spins: From angular momentum conservation to quantum phase theory	DEC 28 2016 Metal compound semiconductors functionalized by polymers and their photosensitive properties		NOV 21 2016 Sillicene: Recent theoretical advances

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Special Features

- ❖ It Provides links to publisher's website and also gives details about other publications of the publisher.
- ❖ Alert is given when new review article is added to the website. One can get this service after subscription.

Arrangement Pattern

Volumes are arranged chronologically. Under each volume, issues are also arranged chronologically and a particular issue is arranged content wise.

The image displays three screenshots from the Applied Physics Reviews website. The first screenshot, titled 'Browse Volumes', shows a sidebar with a list of issues for 2016, 2015, and 2014. The second screenshot, titled 'Table of Contents', shows the table of contents for Volume 3, Issue 4, December 2016. The third screenshot, titled 'review-article', shows the article 'Growth far from equilibrium: Examples from III-V semiconductors' by Thomas F. Kuech, Susan E. Babcock, and Luke Mawst, published in Applied Physics Reviews 3, 040801 (2016).

Remarks

The majority of Reviews and Focused Reviews in APR are by invitation only. Applied Physics Review discourages prospective authors from submitting uninvited, full-length reviews. Authors who have not been invited to write a review may submit a proposal for consideration by the editors. To submit a proposal, download the template and submit the completed form using the *APR* online manuscript submission system.

Comparable Tools

- Annual Reviews (<http://www.annualreviews.org/>)
- Nature Reviews (<http://www.nature.com/reviews/index.html>)
- Journal of Scientific Review (<http://www.srbmag.org/index.php/srbmag>)

Date of Access

19th January, 2017.