

advances in solid state pdf

Solid-state lighting (SSL) refers to a type of lighting that uses semiconductor light-emitting diodes (LEDs), organic light-emitting diodes (OLED), or polymer light-emitting diodes (PLED) as sources of illumination rather than electrical filaments, plasma (used in arc lamps such as fluorescent lamps), or gas.. The term "solid state" refers commonly to light emitted by solid-state ...

Solid-state lighting - Wikipedia

Solid State Communications is an international medium for the publication of short communications on significant developments in condensed matter science, giving scientists immediate access to important, recently completed work. The journal publishes original experimental and theoretical research on the physical and chemical properties of solids and other condensed systems and also on their ...

Solid State Communications | ScienceDirect.com

Wetting is the ability of a liquid to maintain contact with a solid surface, resulting from intermolecular interactions when the two are brought together. The degree of wetting (wettability) is determined by a force balance between adhesive and cohesive forces. Wetting deals with the three phases of materials: gas, liquid, and solid.

Wetting - Wikipedia

Engineers at the University of California, Riverside, have reported advances in so-called "spintronic" devices that will help lead to a new technology for computing and data storage. They have ...

New research advances spintronics technology - Phys.org

S. pistillata cultured in varying pH conditions indicate long-term impact of pH stress on coral colonies. *S. pistillata* colonies were cultivated in an ongoing aquarium experiment with four experimental conditions: seawater pHs of 7.2, 7.4, 7.8, and 8.0 (control). Conditions in these aquaria were identical, except for the pCO₂ and resulting differences in seawater carbonate chemistry of each ...

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