

What is photovoltaics international?

Launched in 2008, Photovoltaics International remains the only independent journal within the PV industry that carries technical papers written by recognised industry experts, highlighting technological innovation and manufacturing excellence. Group Licences available. Contact us for details.

What is a photovoltaic journal?

The PV field is diverse in its science base ranging from semiconductor and PV device physics to optics and the materials sciences. The journal publishes articles that connect this science base to PV science and technology. The intent is to publish original research results that are of primary interest to the photovoltaic specialist.

What is the International Technology Roadmap for photovoltaic (ITRPV)?

The ITRPV (International Technology Roadmap for Photovoltaic) is updated regularly by the VDMA with contributions from leading international crystalline silicon producers, wafer suppliers, cell manufacturers, module manufacturers, PV machine builders, material manufacturers as well as PV research institutes and consultants.

Do photovoltaic devices suffer from unavoidable open circuit voltage losses?

Photovoltaic devices suffer from unavoidable open circuit voltage losses. Here, authors design a photo-ferroelectric 2D/3D/2D perovskite junction with 2D ferroelectric single crystals in bulk, resulting in an electric field and achieving a net gain in device open circuit voltage reaching 1.21 V.

Are flexible organic photovoltaics and energy storage systems the future of wearable electronics?

Flexible organic photovoltaics and energy storage systems have profound implications for future wearable electronics. Here, the authors discuss the transformative potential and challenges associated with the integrative design of these systems for energy harvesting.

PVI publisher Solar Media's publishing team liaise with the advisory board on a regular basis and ahead of each volume of the journal to establish industry trends, qualify the journal's selection of papers and guarantee technical relevance. For more information on the Photovoltaics International advisory board, contact info@pv-tech.org.

Volume 2841: 18th International Conference on Concentrator Photovoltaic Systems (CPV-18) and 13th World Conference on Thermophotovoltaic Generation of Electricity (TPV-13) ... Publication date: September 2023. ISBN: ... Concentrator photovoltaics (CPV) is a technology where optics are used to concentrate sunlight onto high efficiency solar ...

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