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# Pumped Hydroelectric Energy Storage





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Oct 15, 2024 · The current magnetoencephalography (MEG) systems, which rely on cables for control and signal transmission, do not fully realize the potential of wearable optically pumped ...



#### [Pumping Behaviors, Pumped Milk Volume, and Maternal](#)

Objectives: Describe pumping behaviors and pumped mother's own milk (MOM) volume by achievement of secretory activation (SA; MOM sodium [Na] concentration

#### [Performance of optically pumped magnetometer](#)

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Dec 19, 2024 · In contrast, optically pumped magnetometers (OPMs) technology provides a promising alternative to conventional SQUID-MEG. OPMs can operate at room temperature, ...



### [Facilitating cognitive neuroscience research with 80-sensor ...](#)

May 1, 2025 · Recent advancements in optically pumped magnetometer magnetoencephalography (OPM-MEG) make it a promising alternative to conventional SQUID ...

### [Physiology, Cardiac Output](#)

Jul 17, 2023 · Cardiac output (CO) is the amount of blood pumped by the heart minute and is the mechanism whereby blood flows around the body, especially providing blood flow to the brain

...



### [Compact high-bandwidth single-beam optically-pumped](#)

Dec 20, 2024 · Optically-pumped magnetometer (OPM) has been of increasing interest for biomagnetic measurements due to its low cost and portability compared with superconducting

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## 212-km ultra-long-distance hybrid ?-OTDR/BOTDR based ...

Apr 7, 2025 · In this paper, we propose and demonstrate a 212 km ultra-long-distance hybrid distributed optical fiber sensing (DOFS) system capable of simultaneously measuring vibration ...



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