Review of: "Practical real-time MEG-based neural interfacing with optically pumped magnetometers"

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The article tested the application of a new technology OPM-MEG in Brain-computer interfaces to decode intentions directly from the human brain. It employed two BCI stimulation paradigms, one based on event-related potentials/fields (ERP/ERF) and another on steady-state visual evoked potentials (SSVEP), and compared with EEG in each paradigm. Based on a real-time proof-of-concept, this work finds OPM-MEG allows robust single-trial analysis, and can used as a new recording technology for non-invasive BCIs. It's a very meaningful work.