Special Issue

Towards Upgrade of Visual Evoked Potentials in Basic and Clinical Studies

Message from the Guest Editor

The visual evoked potential (VEPs) are the bioelectric signals generated in the striate and extrastriate cortex when the retina is stimulated with light which can be recorded from the scalp electrodes. Methodologies of VEPs study have been developed over the years towards increasing the sensitivity of stimulation and recordings, including interpretation of recording components parameters. VEPs are most useful for testing optic nerve function and less useful for assessing postchiasmatic disorders. The role of VEPs utility in conformation of multiple sclerosis symptoms is unquestionable. This Special Issue is devoted to aspects of VEP recordings offering perspectives for further research in normal and pathological conditions both in basic and clinical studies. Different patterns of photo stimuli and types of electrodes as well sites over the skull are extensively tested to increase the sensitivity and specificity of Visual Evoked Potentials recordings in diagnostic studies.

Guest Editor

Prof. Dr. Juliusz Huber
Department of Pathophysiology of Locomotor Organs, Poznan University of Medical Sciences, 28 Czerwca 1956 nr 135/147, 60-545 Poznań, Poland

Deadline for manuscript submissions

closed (20 May 2023)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/94105

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/sensors

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/journal/sensors

MDPI

About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)