

# Optics and Photonics Journal



## **Journal Editorial Board**

ISSN: 2160-8881 (Print), 2160-889X (Online)

https://www.scirp.org/journal/opj

#### **Editors-in-Chief**

Prof. Bouzid Menaa Prof. Anhui Liang

#### **Editorial Board**

Prof. Yao Zhang Dr. Kang Zhang Dr. Changgeng Ye Dr. Kaikai Xu Dr. Yong Wang Dr. Shuping Wang Dr. Marek Szindler Dr. Mengtao Sun Dr. Dunlu Sun

Dr. Soheil Sharifi **Dr. Alexey Yurievich Seteikin** Dr. Felix Jaetae Seo **Prof. Martins Rutkis** Prof. Sukhdev Roy Dr. Chenggen Quan Prof. Neal T. Pfeiffenberger Dr. Vincenzo Petruzzelli Prof. Frédéric Paul Prof. C. H. Raymond Ooi Dr. Lim Nguyen **Prof. Patrick Meyrueis** Prof. Mohammad Matin Dr. Esha Manne Prof. Mohd Adzir Mahdi Dr. Abbas Ali Lotfi-Nayestanak Dr. Jiang Li Prof. Lev B. Levitin **Prof. Sang Hak Lee** Dr. Swapan Konar **Prof. Sergey Kobtsev** Prof. Sakhrat Khizroev Dr. Rohan D. Kekatpure Dr. Md. Kamruzzaman Dr. Tony Jun Huang Dr. Bo Guo Dr. Radwa Abass Mostafa El-Salamony Dr. Jacob Dunningham **Dr. Vigneswaran Dhasarathan** Dr. Paul B. Crilly Dr. Sharmistha Dutta Choudhury **Dr. Josep Canet-Ferrer** 

Fluorotronics Inc., USA Nanjing University of Posts and Telecommunications, China

Jinan University, China GE Global Research, USA nLIGHT Photonics Corporation, Finland University of Electronic Science and Technology of China, China CanaLaser Technologies Co., Ltd., China University of North Texas, USA Silesian University of Technology, Poland University of Science and Technology Beijing, China Crystal Lab of Laser Technology Research Center, Anhui Institute of Optics and Fine Mechanics, Hefei institutes of Physical Science, Chinese Academy of Sciences, China Ferdowsi University of Mashhad, Iran Amur State University, Russia Hampton University, USA Institute of Solid State Physics University of Latvia, Latvia Dayalbagh Educational Institute, India National University of Singapore, Singapore Virginia Tech, USA Politecnico di Bari, Italy University of Rennes 1, France University of Malaya, Malaysia University of Nebraska-Lincoln, USA University of Strasbourg, France University of Denver, USA NASA Postdoctoral Program, USA Universiti Putra Malaysia, Malaysia Telecommunication Engineering and IT Department, Iran The Ohio State University, USA Boston University, USA Kyungpook National University, South Korea Birla Institute of Technology, India Novosibirsk State University, Russia Florida International University, USA Sandia National Laboratories, Mexico Begum Rokeya University, Bangladesh Pennsylvania State University, USA Harbin Engineering University, China Reactor Engineering and Operations Lab, Egypt University of Leeds, UK Ton Duc thang University, Vietnam United States Coast Guard Academy, USA Bhabha Atomic Research Centre, India Universidad de Valencia, Spain



### **Table of Contents**

#### Volume 12 Number 8

#### August 2022

#### Determination of the Deep Optical Properties of Healthy and Diseased Skin Using Diffuse Reflectance Spectroscopy

#### Optics and Photonics Journal (OPJ) Journal Information

#### SUBSCRIPTIONS

The *Optics and Photonics Journal* (Online at Scientific Research Publishing, <u>https://www.scirp.org/</u>) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates: Print: \$79 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

#### SERVICES

Advertisements Advertisement Sales Department, E-mail: service@scirp.org

#### Reprints (minimum quantity 100 copies) Reprints Co-ordinator, Scientific Research Publishing, Inc., USA. E-mail: <u>sub@scirp.org</u>

#### COPYRIGHT

#### Copyright and reuse rights for the front matter of the journal:

Copyright © 2022 by Scientific Research Publishing Inc. This work is licensed under the Creative Commons Attribution International License (CC BY). http://creativecommons.org/licenses/by/4.0/

#### Copyright for individual papers of the journal:

Copyright © 2022 by author(s) and Scientific Research Publishing Inc.

#### Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

#### Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

#### **PRODUCTION INFORMATION**

For manuscripts that have been accepted for publication, please contact: E-mail: opj@scirp.org

## **Call for Papers**



Optics and Photonics Journal



## Optics and Photonics Journal (OPJ)

ISSN: 2160-8881 (Print) 2160-889X (Online) https://www.scirp.org/journal/opj

Optics and Photonics Journal (OPJ) is an international, specialized, English-language journal devoted to publication of original contributions in all areas of optics and photonics. The Journal disseminates new results in the theory, design, applications, fabrication, performance and characterization of optics and photonics materials including bio-related functions such as bio-optics, bio-photonics and also optoelectronics. The journal is also devoted to challenging and innovating methods and techniques related to the development of optics and photonics materials, characterization and applications.

#### Subject Coverage

The journal publishes original papers including but not limited to the following fields:

- All related associated materials and characterization techniques development
- Bio-induced optical materials and applications
- Bio-photonics
- Imaging processes
- Laser spectroscopy
- Light wave communication systems
- Nanophotonics
- Nonlinear optics
- Optical fibers
- Photonic crystals
- Quantum optics
- Waveguides

We are also interested in: 1) Short reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book reviews—Comments and critiques.

#### **Notes for Intending Authors**

The journal publishes the highest quality original full articles, communications, notes, reviews, special issues and books, covering both the experimental and theoretical aspects including but not limited to the above materials, techniques and studies. Papers are acceptable provided they report important findings, novel insights or useful techniques within the scope of the journal. All manuscript must be prepared in English, and are subjected to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by prints in hard copy.