

NONLINEAR OPTICS, QUANTUM OPTICS CONCEPTS IN MODERN OPTICS

ISSN 1543-0537 (print) 1944-8325 (online)

Editor-in-chief

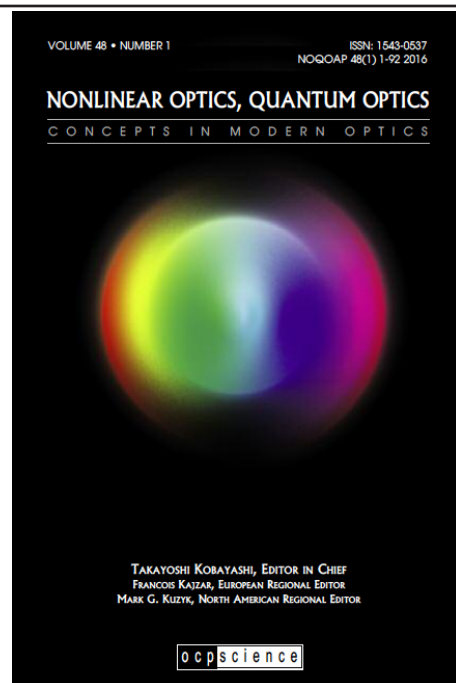
Mark G. Kuzyk

Washington State University

editor@fonlo.org

Abstracted and Indexed in:

Chemical Abstracts; Engineering Info., USA; Opto-Laser Info, USA



CALL FOR PAPERS

Nonlinear Optics and Quantum Optics publishes primary papers reporting original research, review articles and rapid communications.

The journal is divided into four main sections:

Principles: covering studies into the fundamental theoretical understanding of the origins and mechanisms of nonlinear optical processes; theoretical studies of application of controlled optical field to quantum information processing including quantum communication and computation and fundamental problems of quantum mechanics related to quantum information processing.

Experimental: devoted to papers on the discovery of new nonlinear optical phenomena, measurement of nonlinear optical processes; observation of ultrafast and fast nonlinear optical processes, and the characterization of nonlinear optical materials by new measurement methods; demonstration and proposal of non-classical information processing using manipulated optical field.

Materials: including work on the solid state physics of semiconductors and dielectrics, and organic and polymer compounds exhibiting nonlinear and electro-optical behavior.

Devices: featuring fundamental research articles on applications to devices, optical switches, optical bistable devices, phase conjugation, and optical logics; prototypical device operation demonstrating the quantum features of optical fields.

The journal recognizes the multi-disciplinary nature of this field, and will include materials science and device implementation material, the physiological aspects as well as information science. The editors place emphasis on the importance of mutual interaction among the fields.

The editors of *Nonlinear Optics and Quantum Optics* invite your contributions. Notes for contributors can be found at the journal website at: <http://www.oldcitypublishing.com/journals/lie-home/lie-notes-for-contributors/>

SUBSCRIPTIONS

Nonlinear Optics and Quantum Optics publishes one volume per year, four issues per volume.

Subscriptions are renewed on an annual basis.

Volumes 61, 62, Issues 1-4

Institutional: US \$2428 • EURO €2295 • YEN ¥335,000 **Individual:** US \$475 • EURO €490 • YEN ¥70,200

For more information, visit www.oldcitypublishing.com/journals/lie-home/

For a sample copy, to subscribe or order back issues, contact:

Old City Publishing
628 North 2nd Street
Philadelphia, PA 19123
USA

tel: +1 215 925 4390 • fax: +1 215 925 4371

Enquiries can also be sent by e-mail to info@oldcitypublishing.com

o c p s c i e n c e

A MEMBER OF THE OLD CITY PUBLISHING GROUP
www.oldcitypublishing.com