

Journal of Refractive Surgery®

Cited in MEDLINE/PubMed



**Editorial:
The Stars of Peer Review**

**Axial Length Measurement With
Three Swept Source OCT-Based
Biometers and Partial Coherence
Interferometry**

**Effect of Crystalline Lens
Aberrations on Adaptive Optics
Simulation of IOLs**

Published for the Society by **SLACK**
CORPORATION

 **ISRS**
International Society of Refractive Surgery
A Partner of the American Academy of Ophthalmology

SLACK Incorporated

EDITORIAL

Senior Vice President
Stephanie Arasim Portnoy
Vice President/Editorial
Jennifer A. Kilpatrick, ELS
Editorial Director
Karen G. Stanwood, ELS
Executive Editor
Eileen C. Anderer, ELS
Assistant Editor
Laura Edwards
Senior Peer Review Coordinator
Sheryl Croce

SALES

Vice President/Sales
Patrick Duffey
National Account Manager
Nicole Rutter
Classified/Recruitment Sales Representative
Bernadette Hamilton
Sales Coordinator
Jennifer Carroll
Reprints/EPrints
The Sheridan Press
Licensing Opportunities
1-800-635-7181 ext. 8065

MARKETING AND DESIGN

Vice President/Marketing
Michelle Gatt
Creative Director
Thomas Cavallaro
Director of Audience Development
Stephanie McHugh

The Wyanoke Group

President
Peter N. Slack
Chief Operating Officer
John C. Carter
Chief Financial Officer
Darrell Blood
Chief Technology Officer
Linda Baker
Senior Vice President
Denise Mealey

THE
Wyanoke
GROUP

SLACK
INCORPORATED

ams | Association & Meeting
SOLUTIONS

VINDICO
medical education

CYRUS
express

6900 Grove Road | Thorofare, NJ 08086-9447
phone: 856-848-1000 | fax: 856-848-6091
email: psyann@healio.com

Healio.com/JRS



Follow JRS Journal



SLACK Incorporated



Autoretrato (Self-portrait)

Olga Cuculescu | 60 x 80 cm, oil on canvas

The artwork represents the reality of those who are dependent on glasses. The world appears blurry without glasses. On the other hand, reality is like an illusion where the person can find whatever they can imagine but not the real image. Real life is reflected through the graduated glasses, and the improving vision transforms colors into figures, blurriness into sharpness, and shadows into light. The smile of a child can appear when seen through the glass. The graduated glass is the filter of reality for the person.

Olga Cuculescu is a Moldavian artist who received her education in Bucharest, Moldova, and Spain. She combines musical activities with painting. She has received art awards in the Republic of Moldavia, Latin America, and Spain. She is a sensitive artist who translates feelings into paintings with multidimensional colorful artwork.

Description by Jorge L. Alió

The "Miradas" competition was created by Jorge Alió, *Journal of Refractive Surgery* Editorial Board Member, and his wife, Maria Lopez, in 1998 with the intention of using artistic sensibility to bring society's attention to the phenomenon of sight, vision, and blindness. "Miradas," which means glances, is a contest in which artists from Spain and several Latin American countries submit paintings dealing with the topic of sight and the prevention of blindness. Each cover of the *Journal of Refractive Surgery* features paintings that were submitted to this competition. **"Miradas" is sponsored by Schwind Eye-Tech-Solutions.** For more information, contact www.fundacionalio.com

CORRECTION: The artist featured in the December 2018 issue was incorrectly listed as Jose Enrique Gomis-Perlada instead of Jose Enrique Gomez-Perlado.



EDITOR-IN-CHIEF

J. Bradley Randleman, MD
Keck School of Medicine
University of Southern California
Roski Eye Institute
1450 San Pablo Street, Suite 4700
Los Angeles, CA 90033
E-mail: randlema@usc.edu

SENIOR ASSOCIATE EDITOR

Michael C. Knorz, MD
Mannheim, Germany

ASSOCIATE EDITORS

George Asimellis, PhD
Pikeville, Kentucky

Francesco Carones, MD
Milan, Italy

Bonnie A. Henderson, MD
Waltham, Massachusetts

Soosan Jacob, MS, FRCS, DNB
Chennai, India

George D. Kymionis, MD, PhD
Crete, Greece

Karolanne Maia Rocha, MD, PhD
Charleston, South Carolina

Marcony R. Santhiago, MD, PhD
Rio de Janeiro, Brazil

SECTION EDITORS

Biomechanics

Giuliano Scarcellì, PhD
College Park, Maryland

Supplements and Special Sections

Ronald R. Krueger, MD, MSE
Cleveland, Ohio

Therapeutic Refractive Surgery

Dan Z. Reinstein, MD, MA(Cantab), FRCS
London, United Kingdom

Translational Science

Farhad Hafezi, MD, PhD
Zurich, Switzerland

JRS OSN PAGE EDITOR

Edward E. Manche, MD
Stanford, California

EDITORS EMERITI

James J. Salz, MD
Los Angeles, California

George O. Waring, III, MD, FACS, FRCOphth
Atlanta, Georgia

EDITORIAL BOARD

Amar Agarwal, MS, FRCS, FRCOphth
Chennai, India

Jorge L. Alió, MD, PhD
Alicante, Spain

Noel Alpíns, FRANZCO, FRCOphth, FACS
Melbourne, Australia

Renato Ambrósio, Jr., MD, PhD
Rio de Janeiro, Brazil

Rosa Braga-Mele, MD, MEd, FRCSC
Toronto, Canada

Jens Bühren, MD
Frankfurt, Germany

Beatrice Cochener-Lamard, MD, PhD, FEBO
Brest, France

Deepinder Dhaliwal, MD
Pittsburgh, Pennsylvania

H. Burkhard Dick, MD, PhD
Bochum, Germany

Alaa M. El-Danasoury, MD
Jeddah, Saudi Arabia

Daniel Epstein, MD, PhD
Zurich, Switzerland

Beatrice Frueh, MD
Bern, Switzerland

Damien Gatinel, MD
Paris, France

Günther Grabner, MD
Salzburg, Austria

Jesper Hjortdal, MD, PhD
Aarhus, Denmark

Jack Holladay, MD
Houston, Texas

David Huang, MD, PhD
Portland, Oregon

Luis Izquierdo, Jr., MD, PhD
San Isidro, Peru

Elias F. Jarade, MD, FICS
Dubai, United Arab Emirates

A. John Kanellopoulos, MD, PhD
Athens, Greece

Stephen D. Klyce, PhD, FARVO
Port Washington, New York

Richard L. Lindstrom, MD
Minneapolis, Minnesota

Scott MacRae, MD
Rochester, New York

Marguerite B. McDonald, MD
Lynbrook, New York

Erik L. Mertens, MD, FEBO
Antwerp, Belgium

Robert Montés-Micó, OD, PhD
Valencia, Spain

Majid Moshirfar, MD, FACS
Draper, Utah

Zoltan Z. Nagy, MD
Budapest, Hungary

Jay Pepose, MD, PhD
Chesterfield, Missouri

Konrad Pesudovs, PhD
Bedford Park, Australia

Francis Price, MD
Indianapolis, Indiana

Cynthia Roberts, PhD
Columbus, Ohio

Alain Saad, MD
Paris, France

Jason Stahl, MD
Overland Park, Kansas

R. Doyle Stulting, MD, PhD
Atlanta, Georgia

Ikuko Toda, MD
Tokyo, Japan

Minoru Tomita, MD, PhD
Tokyo, Japan

Kazuo Tsubota, MD
Tokyo, Japan

Paolo Vinciguerra, MD
Milan, Italy

Li Wang, MD, PhD
Houston, Texas

George O. Waring, IV, MD, FACS
Mount Pleasant, South Carolina

Steven E. Wilson, MD
Cleveland, Ohio

Sonia H. Yoo, MD
Miami, Florida

ISRS EXECUTIVE COMMITTEE

John So-Min Chang, MD
President
Hong Kong

Richard L. Abbott, MD
United States

Jorge L. Alió, MD, PhD
Spain

Renato Ambrósio, Jr., MD, PhD
Brazil

George Beiko, MD
Canada

H. Burkhard Dick, MD, PhD
Germany

Alaa M. El-Dansoury, MD
Saudi Arabia

Damien Gatinel, MD
France

Soosan Jacob, MS, FRCS, DNB
India

A. John Kanellopoulos, MD, PhD
Greece

Aylin Kilic, MD
Turkey

Richard L. Lindstrom, MD
United States

Marguerite B. McDonald, MD
United States

Jodhbir S. Mehta, MBBS, PhD
United States

Zoltan Z. Nagy, MD
Hungary

J. Bradley Randleman, MD
United States

William B. Trattler, MD
United States

George O. Waring, IV, MD, FACS
United States

Sonia H. Yoo, MD
United States

(Potential conflicts of interest for members of the editorial board are available upon request from the office of the Executive Editor of the *Journal of Refractive Surgery*.)