

OPTICA (Optica Publishing Group)

(이전, OSA Publishing Group)

2022 이용 매뉴얼

신원데이터넷

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1. 출판사 소개 및 수록내용
2. 이용 방법 – Journal Search / Browse /
eBooks / Browse Proceedings

□ 출판사 소개

미국광학회(Optical Society of America): 1916년에 설립

Peer reviewed optics & photonics contents 제공

19개 출판사의 384,000개 이상의 articles과 800개의 conferences proceedings 제공

Optical 분야 인용률 39%로 가장 높은 인용지수 보유

연간 저널 41,000 이상의 페이지를 출판

□ 수록내용 (주제분야 : Optical Sciences)

□ 제공저널

Advances in Optics and Photonics

Applied Optics

Applied Spectroscopy

Biomedical Optics Express

Chinese Optics Letters

Current Optics and Photonics

Journal of Lightwave Technology

Journal of Near Infrared Spectroscopy

Journal of Optical Technology

Journal of Optical Communications and Networking

Journal of the Optical Society of America A

Journal of the Optical Society of America B

Optica

Optical Materials Express

Optics and Photonics News 

Optics Express

Optics Letters

OSA Continuum

Photonics Research

LEGACY JOURNALS

Journal of Display Technology (2005-2016)

Journal of the Optical Society of Korea (1997-2016)

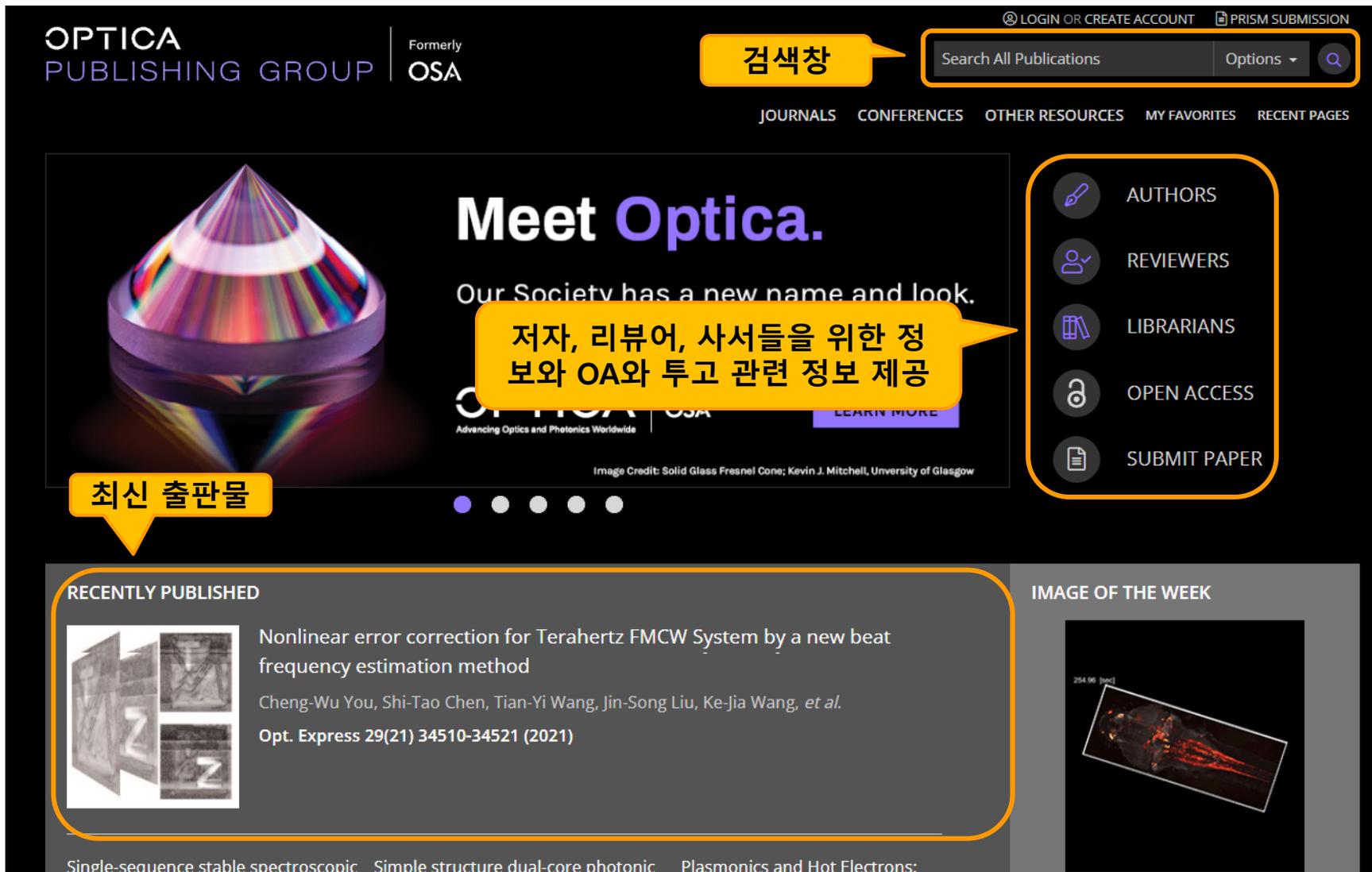
Journal of Optical Networking (2002-2009)

Journal of the Optical Society of America (1917-1983)

1. 출판사 소개 및 수록내용

❖ Optica 메인 화면

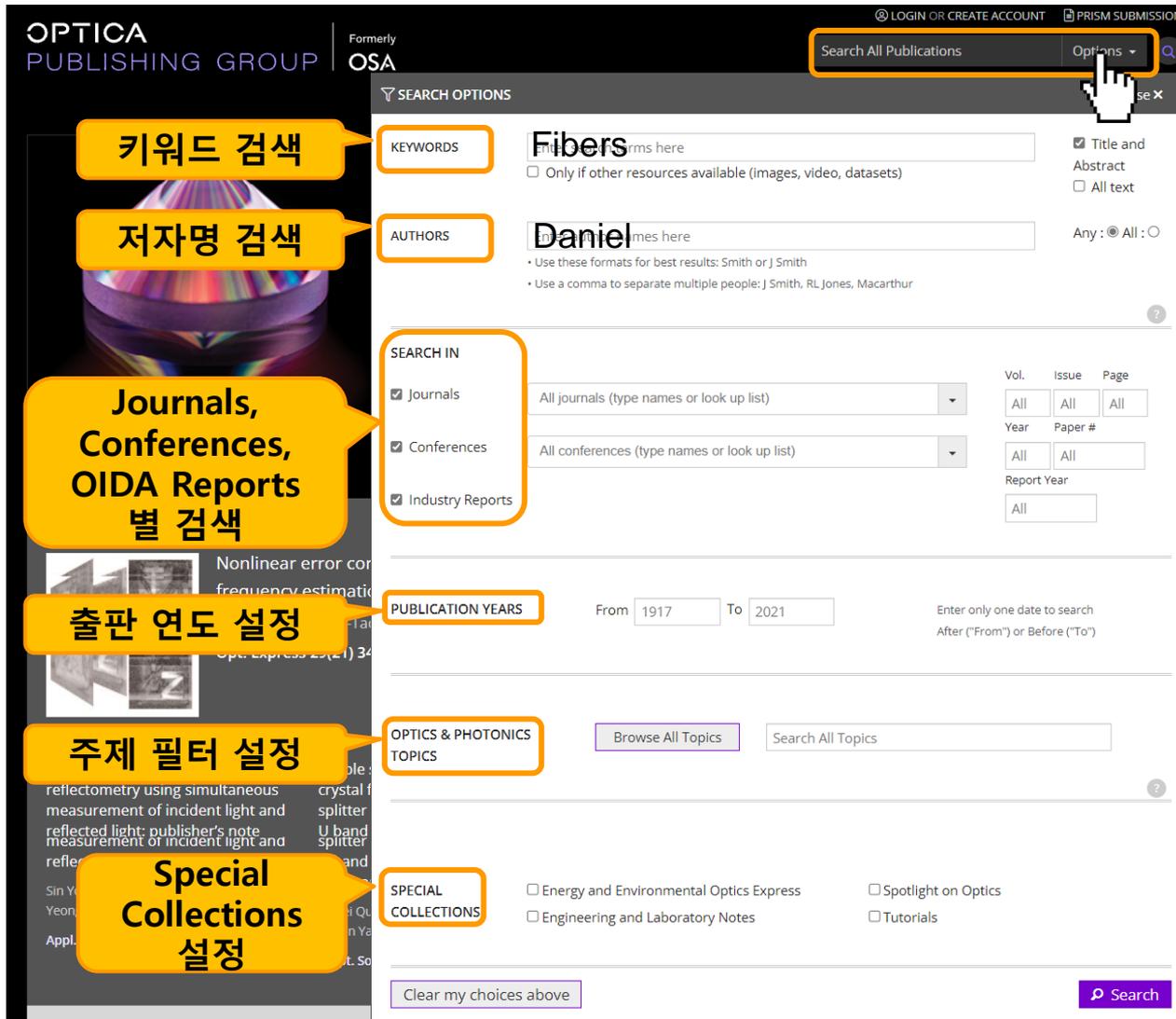
URL : opg.optica.org



The screenshot shows the Optica Publishing Group website homepage. The header includes the logo 'OPTICA PUBLISHING GROUP' and 'Formerly OSA'. A search bar is labeled '검색창' (Search) and contains the text 'Search All Publications'. Navigation links include 'JOURNALS', 'CONFERENCES', 'OTHER RESOURCES', 'MY FAVORITES', and 'RECENT PAGES'. A main banner features a colorful Fresnel lens with the text 'Meet Optica. Our Society has a new name and look.' and a call to action 'Learn More'. A yellow callout bubble points to the banner with the text '저자, 리뷰어, 사서들을 위한 정보와 OA와 투고 관련 정보 제공' (Information for authors, reviewers, and librarians, and information related to OA and submission). A '최신 출판물' (Latest Publications) callout bubble points to the 'RECENTLY PUBLISHED' section, which lists a paper: 'Nonlinear error correction for Terahertz FMCW System by a new beat frequency estimation method' by Cheng-Wu You, Shi-Tao Chen, Tian-Yi Wang, Jin-Song Liu, Ke-Jia Wang, et al. The 'IMAGE OF THE WEEK' section shows a microscopic image of a biological structure.

2. 검색 방법 – Journal Search

❖예제1 - Applied Optics에 있는 Article 중 제목에 “Fibers”가 포함되고 Daniel이 지은 Article 검색



The screenshot shows the search interface for OPTICA PUBLISHING GROUP (Formerly OSA). The search bar at the top contains "Search All Publications" and "Options". The search options are as follows:

- 키워드 검색 (Keyword Search):** KEYWORDS: Fibers. Includes a checkbox for "Only if other resources available (images, video, datasets)".
- 저자명 검색 (Author Search):** AUTHORS: Daniel. Includes a note: "Use these formats for best results: Smith or J Smith" and "Use a comma to separate multiple people: J Smith, RL Jones, Macarthur".
- Journal, Conferences, OIDA Reports 별 검색 (Search by Category):** SEARCH IN: Journals, Conferences, and Industry Reports are all checked.
- 출판 연도 설정 (Publication Year Setting):** PUBLICATION YEARS: From 1917 To 2021.
- 주제 필터 설정 (Topic Filter Setting):** OPTICS & PHOTONICS TOPICS: Includes "Browse All Topics" and "Search All Topics".
- Special Collections 설정 (Special Collections Setting):** SPECIAL COLLECTIONS: Includes checkboxes for "Energy and Environmental Optics Express", "Spotlight on Optics", "Engineering and Laboratory Notes", and "Tutorials".

Additional interface elements include "LOGIN OR CREATE ACCOUNT", "PRISM SUBMISSION", "Clear my choices above", and a "Search" button.

❖예제1 - Search Optics InfoBase 검색 결과

The screenshot shows the search results page for the Optics Publishing Group. The page includes a search bar at the top with the text "Search All Publications" and "Options". Below the search bar, there are navigation tabs for "JOURNALS", "CONFERENCES", "OTHER RESOURCES", "MY FAVORITES", and "RECENT PAGES". The main content area displays search results for "fiber" and "daniel", with 228 results (filtered) of 2328 total results. The results are sorted by "Relevance" and displayed in a list format. The page also includes a "Filters" section on the right and a "Filter the Results List" section on the left. The "Filter the Results List" section includes "PUBLICATIONS" (All, Journals (17), Conferences (94), Industry Reports (0)) and "YEARS PUBLISHED" (All, 2021 (86), 2020 (150)).

적용된 Search Options

검색결과내 Filter 가능

다양한 검색결과 반출 및 Save to my favorites 가능

❖예제1 - Search Optics InfoBase 검색 결과

OPTICA PUBLISHING GROUP | Formerly **OSA**

Search All Publications | Options

JOURNALS | CONFERENCES | OTHER RESOURCES | MY FAVORITES | RECENT PAGES

JOURNAL HOME | ABOUT | ISSUES IN PROGRESS | CURRENT ISSUE | ALL ISSUES | EARLY POSTING | FEATURE ISSUES

Applied Optics Vol. 55, Issue 11, pp. 2915-2920 (2016) • <https://doi.org/10.1364/AO.55.002915>

CO₂ laser-fabricated cladding light fiber lasers and amplifiers

Keiron Boyd, Nikita Simakov, Alexander Hemming, Jae Daniel, Robert Boyd, and John Haub

Author Information | Find other works by these authors

Get PDF | Email | Share | Get Citation | Citation alert | Save article

추천 Article

관련 자료, 주제 제시

Article 상세 정보

저자 정보/ 같은 저자의 다른 출판물

-서지사항 이메일 전송 및 SNS 공유
-Citation 정보
-PDF 파일 다운로드
-인용 정보 이메일 보내기
-이용자 계정 저장 기능

PDF Article

Article Outline

Figures (9)

Suppl. Mat. (2)

Tables (2)

References (17)

Abstract

We present and characterize a simple CO₂ laser process for compact all-glass optical fiber cladding light strippers. We study the function of radiation angle of incidence and demonstrate cladding losses of greater than 20 dB for a 7 cm device giving a loss of $<0.008 \pm 0.006$ dB/cm. Finally we demonstrate the successful cladding light stripping of a 300 W laser diode with minimal heating of the fiber coating and packaging adhesives.

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More Like This

Related Topics

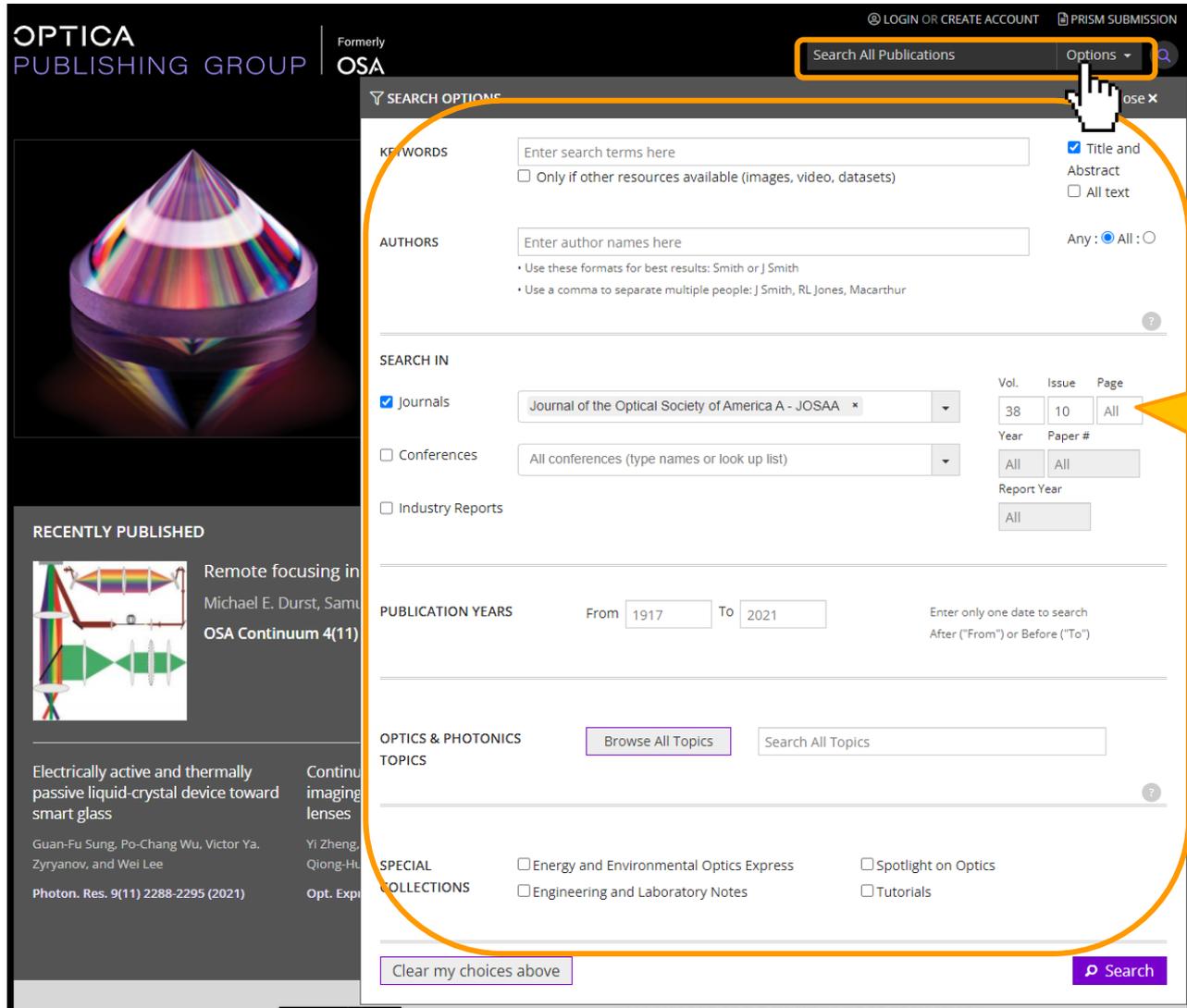
About this Article

History

Original Manuscript: January 26, 2016
 Revised Manuscript: March 2, 2016
 Manuscript Accepted: March 5, 2016
 Published: April 6, 2016

2. 검색 방법 – Journal Browse

❖ 예제 2 - Journal of the Optical Society of America A, Vol.38, Issue 10의
Modal description of paraxial structured light propagation: tutorial 원문 검색 방법



OPTICA PUBLISHING GROUP Formerly OSA

SEARCH OPTIONS

KEYWORDS: Enter search terms here. Only if other resources available (images, video, datasets). Title and Abstract. All text.

AUTHORS: Enter author names here. Any: All. .

SEARCH IN: Journals: Journal of the Optical Society of America A - JOSAA. Vol. 38, Issue 10, Page All. Year All, Paper # All, Report Year All. Conferences: All conferences (type names or look up list). Industry Reports.

PUBLICATION YEARS: From 1917 To 2021. Enter only one date to search After ("From") or Before ("To").

OPTICS & PHOTONICS TOPICS: Browse All Topics, Search All Topics.

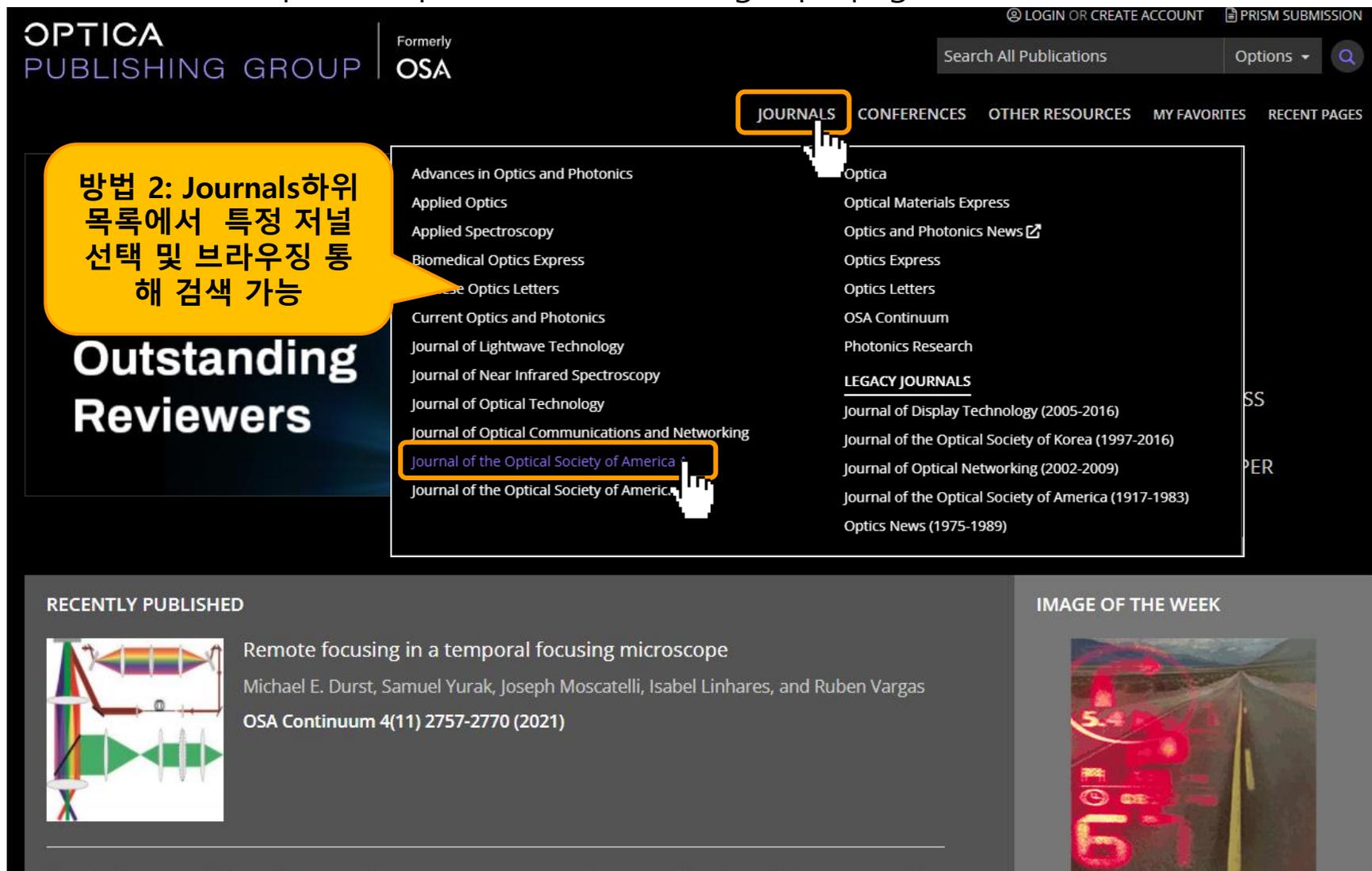
SPECIAL COLLECTIONS: Energy and Environmental Optics Express, Spotlight on Optics, Engineering and Laboratory Notes, Tutorials.

Clear my choices above Search

방법 1: Search Option > Search In 기능 사용하여 검색 가능

2. 검색 방법 – Journal Browse

❖ 예제2 - Journal of the Optical Society of America A, Vol.38, Issue 10의
Modal description of paraxial structured light propagation: tutorial 원문 검색 방법



OPTICA PUBLISHING GROUP Formerly **OSA**

LOGIN OR CREATE ACCOUNT PRISM SUBMISSION

Search All Publications Options

JOURNALS CONFERENCES OTHER RESOURCES MY FAVORITES RECENT PAGES

Advances in Optics and Photonics
Applied Optics
Applied Spectroscopy
Biomedical Optics Express
Optics Letters
Current Optics and Photonics
Journal of Lightwave Technology
Journal of Near Infrared Spectroscopy
Journal of Optical Technology
Journal of Optical Communications and Networking
Journal of the Optical Society of America
Journal of the Optical Society of America

Optica
Optical Materials Express
Optics and Photonics News
Optics Express
Optics Letters
OSA Continuum
Photonics Research

LEGACY JOURNALS
Journal of Display Technology (2005-2016)
Journal of the Optical Society of Korea (1997-2016)
Journal of Optical Networking (2002-2009)
Journal of the Optical Society of America (1917-1983)
Optics News (1975-1989)

방법 2: Journals하위 목록에서 특정 저널 선택 및 브라우징 통해 검색 가능

Outstanding Reviewers

RECENTLY PUBLISHED

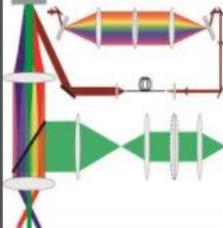
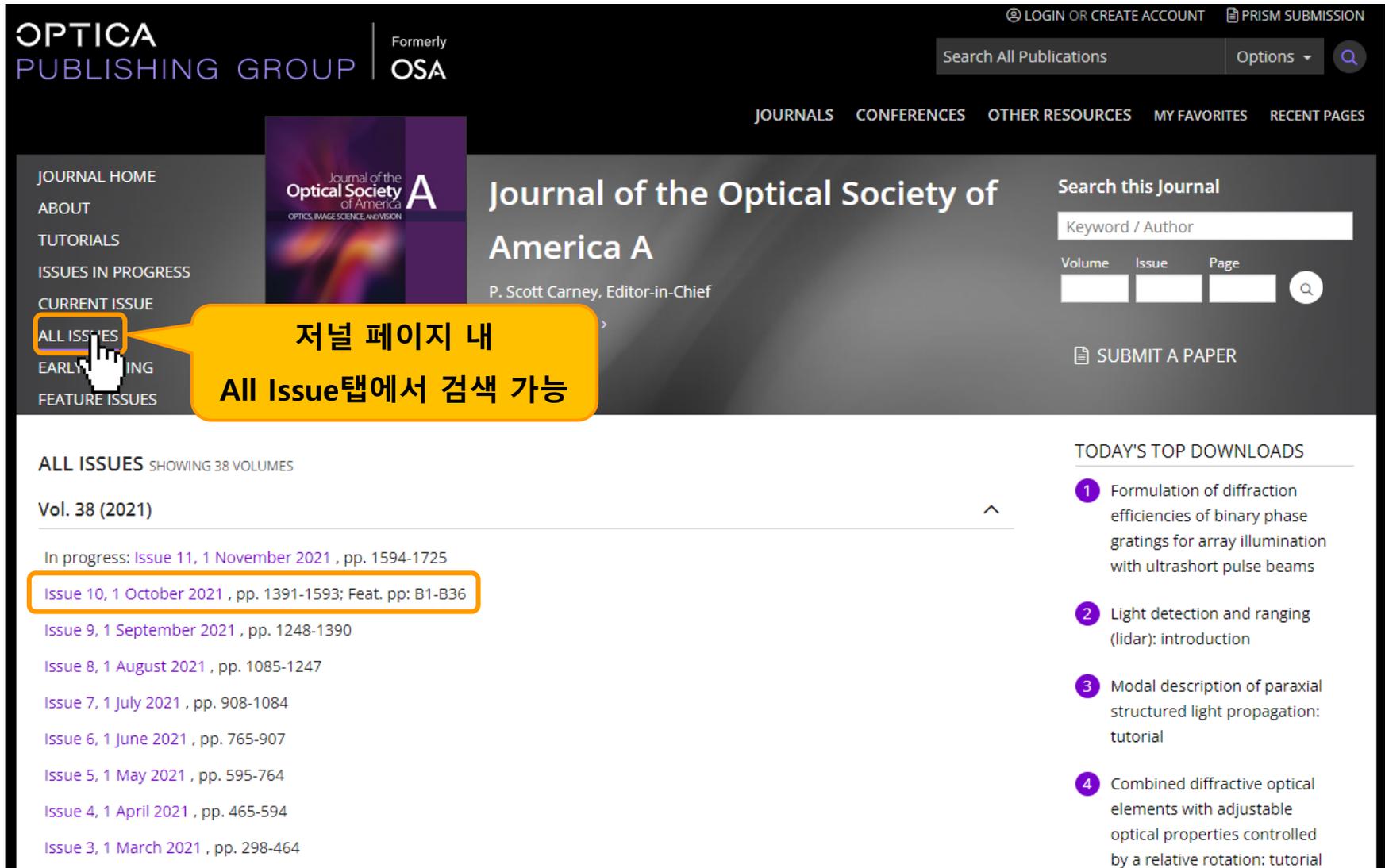
 Remote focusing in a temporal focusing microscope
Michael E. Durst, Samuel Yurak, Joseph Moscatelli, Isabel Linhares, and Ruben Vargas
OSA Continuum 4(11) 2757-2770 (2021)

IMAGE OF THE WEEK



2. 검색 방법 – Journal Browse

❖ 예제2 - Journal of the Optical Society of America A, Vol.38, Issue 10의 Modal description of paraxial structured light propagation: tutorial 원문 검색 방법



The screenshot shows the website for the Journal of the Optical Society of America A. The navigation menu on the left includes 'ALL ISSUES', which is highlighted with a yellow box and a callout bubble. The callout bubble contains the text: '저널 페이지 내 All Issue 탭에서 검색 가능'. The main content area shows a list of issues for Volume 38 (2021), with 'Issue 10, 1 October 2021, pp. 1391-1593; Feat. pp: B1-B36' highlighted in a yellow box. The right sidebar contains a search bar and a list of 'TODAY'S TOP DOWNLOADS', including the article 'Modal description of paraxial structured light propagation: tutorial'.

2. 검색 방법 – Journal Browse

❖ 예제 2 - Journal of the Optical Society of America A, Vol.38, Issue 10의
Modal description of paraxial structured light propagation: tutorial 원문 검색 방법



The screenshot shows the website for the Journal of the Optical Society of America (OSA). The page includes a navigation menu with options like 'JOURNALS', 'CONFERENCES', and 'OTHER RESOURCES'. A search bar is located at the top right, and a callout bubble highlights the search options: 'Keyword / Author', 'Volume', 'Issue', and 'Page'. Below the search bar, there are sections for 'NEWEST ARTICLES' and 'FEATURE ISSUES'. The 'NEWEST ARTICLES' section displays six articles with their respective titles and abstracts. The 'FEATURE ISSUES' section lists three featured issues: 'Color Vision 2023', 'Image Quality and Perception', and 'Digital Holography and 3D Imaging'.

**저널 페이지 내
Volume, Issue, Page
검색 가능**

NEWEST ARTICLES [VIEW ALL](#)

- Collimation and finite-size effects in suspended resonant...
- Convergent numerical method for the reflector antenna...
- Formulation of diffraction efficiencies of binary phase...
- δ -SP_N approximation for numerical modeling of...
- Fast wavelet-based photoacoustic microscopy
- Refracting and reflecting interface transforming a given...

ABOUT THIS JOURNAL

2020 Impact Factor: 2.129
Google Scholar h5-index: 36
Time to Publication: 110 days

ISSN: 1084-7529 (print)
ISSN: 1520-8532 (online)

Frequency:
Article-at-a-time publication;
Monthly issues

[Read more about this journal](#)

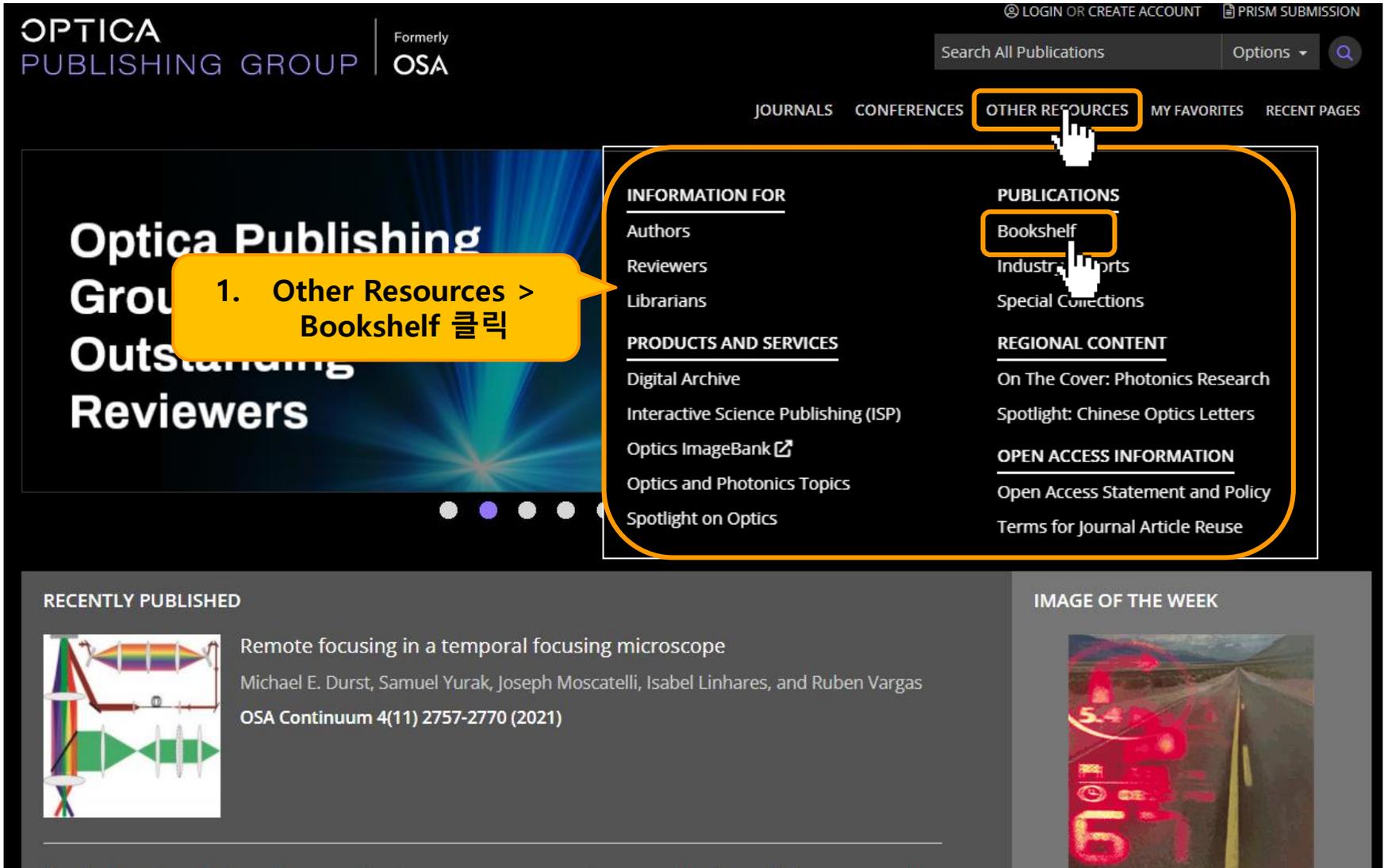
Find Information For:

-  **Authors**

FEATURE ISSUES [VIEW ALL](#)

- Color Vision 2023
- Image Quality and Perception
- Digital Holography and 3D Imaging

❖ 예제3 – Lasers eBook 원문을 찾고자 할 때



The screenshot shows the Optica Publishing Group website. The navigation menu includes JOURNALS, CONFERENCES, OTHER RESOURCES, MY FAVORITES, and RECENT PAGES. The 'OTHER RESOURCES' menu is expanded, showing categories like INFORMATION FOR (Authors, Reviewers, Librarians), PRODUCTS AND SERVICES (Digital Archive, ISP, ImageBank, Topics, Spotlight), PUBLICATIONS (Bookshelf, Industry Reports, Special Collections), and REGIONAL CONTENT. A yellow callout box highlights the path: '1. Other Resources > Bookshelf 클릭'. Below the navigation, there are sections for 'RECENTLY PUBLISHED' and 'IMAGE OF THE WEEK'.

1. Other Resources > Bookshelf 클릭

RECENTLY PUBLISHED

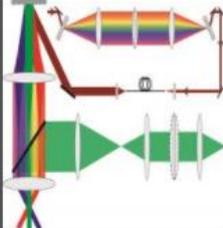
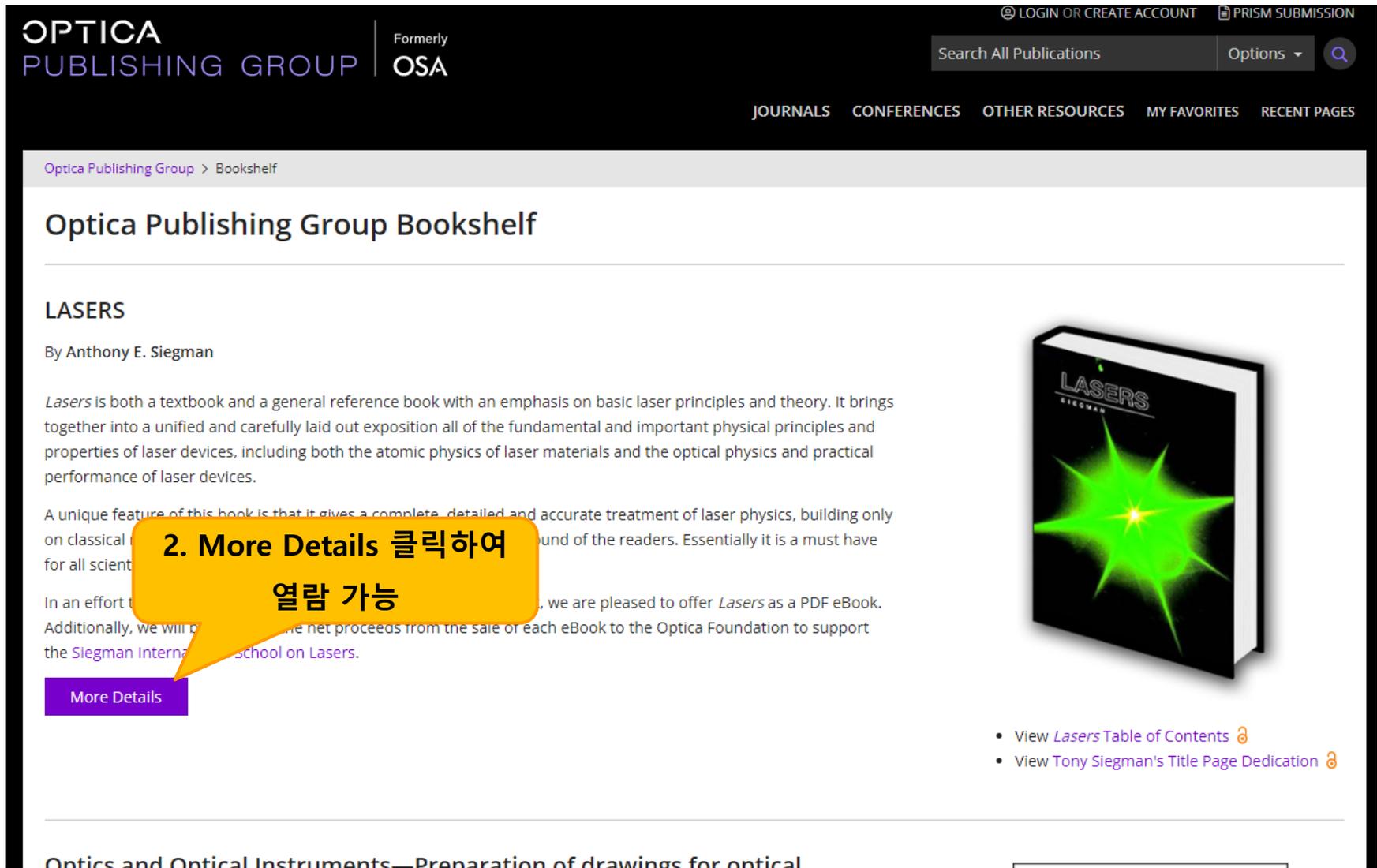
 Remote focusing in a temporal focusing microscope
Michael E. Durst, Samuel Yurak, Joseph Moscatelli, Isabel Linhares, and Ruben Vargas
OSA Continuum 4(11) 2757-2770 (2021)

IMAGE OF THE WEEK



❖ 예제3 – Lasers eBook 원문을 찾고자 할 때



OPTICA PUBLISHING GROUP | Formerly OSA

LOGIN OR CREATE ACCOUNT | PRISM SUBMISSION

Search All Publications | Options

JOURNALS | CONFERENCES | OTHER RESOURCES | MY FAVORITES | RECENT PAGES

Optica Publishing Group > Bookshelf

Optica Publishing Group Bookshelf

LASERS

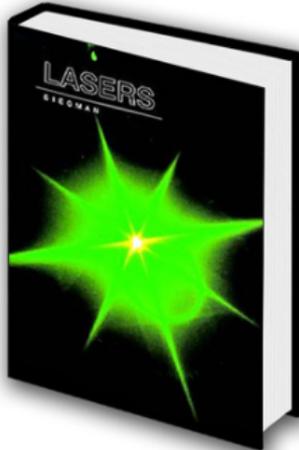
By Anthony E. Siegman

Lasers is both a textbook and a general reference book with an emphasis on basic laser principles and theory. It brings together into a unified and carefully laid out exposition all of the fundamental and important physical principles and properties of laser devices, including both the atomic physics of laser materials and the optical physics and practical performance of laser devices.

A unique feature of this book is that it gives a complete, detailed and accurate treatment of laser physics, building only on classical physics, and is accessible to a wide range of the readers. Essentially it is a must have for all scientists and engineers.

In an effort to make this book more accessible, we are pleased to offer *Lasers* as a PDF eBook. Additionally, we will donate the net proceeds from the sale of each eBook to the Optica Foundation to support the Siegman International School on Lasers.

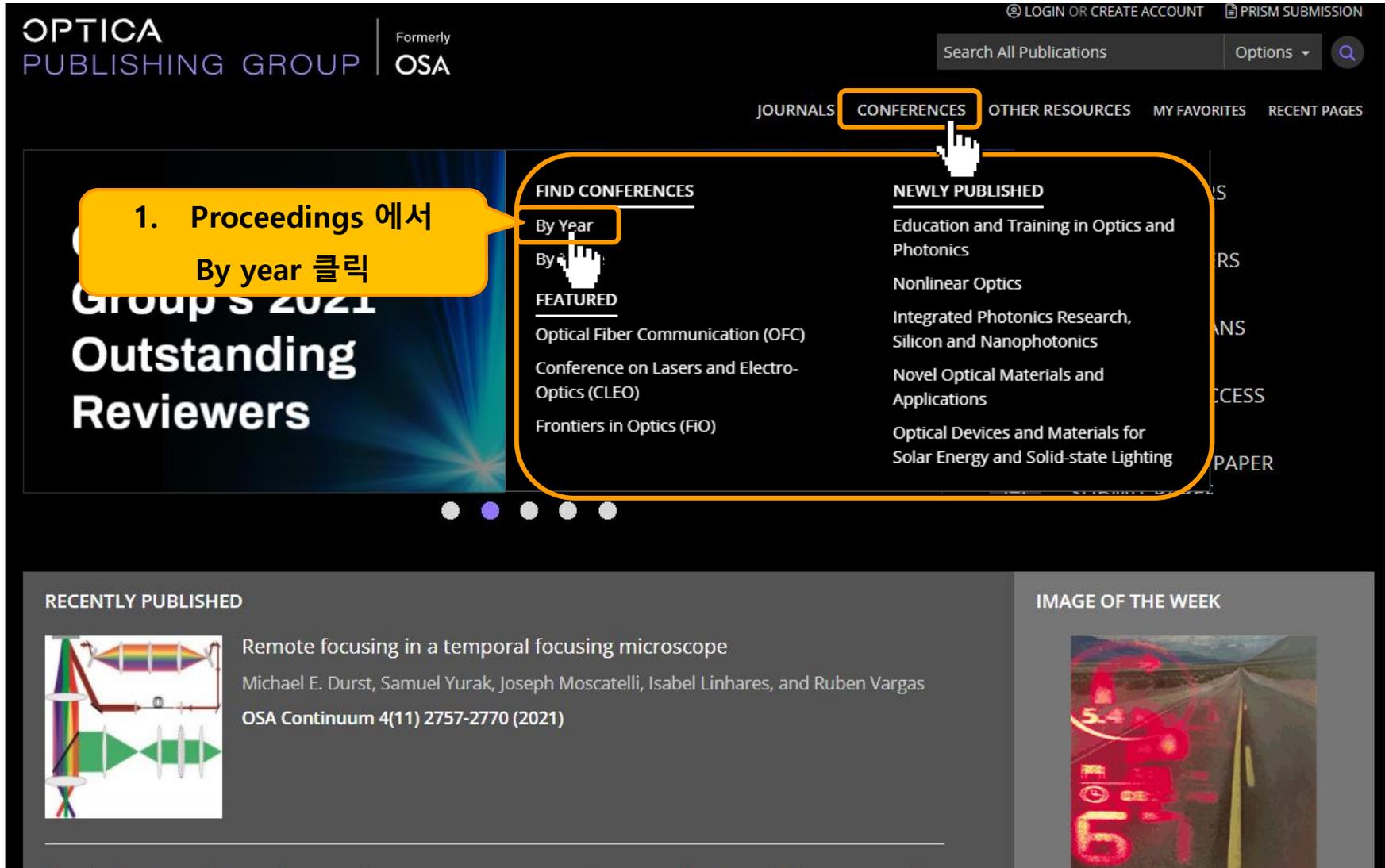
[More Details](#)



- [View *Lasers* Table of Contents](#)
- [View Tony Siegman's Title Page Dedication](#)

Optics and Optical Instruments—Preparation of drawings for optical

❖ 예제4 - 연도 / 컨퍼런스 별 결과보기



The screenshot shows the OPTICA PUBLISHING GROUP website. The 'CONFERENCES' menu item is highlighted with a yellow box and a hand cursor. Below it, the 'FIND CONFERENCES' section is visible, with the 'By Year' option highlighted by a yellow callout box. The callout box contains the text: '1. Proceedings 에서 By year 클릭'. The 'FEATURED' section lists 'Optical Fiber Communication (OFC)', 'Conference on Lasers and Electro-Optics (CLEO)', and 'Frontiers in Optics (FIO)'. The 'NEWLY PUBLISHED' section lists 'Education and Training in Optics and Photonics', 'Nonlinear Optics', 'Integrated Photonics Research, Silicon and Nanophotonics', 'Novel Optical Materials and Applications', and 'Optical Devices and Materials for Solar Energy and Solid-state Lighting'. The 'RECENTLY PUBLISHED' section shows a paper titled 'Remote focusing in a temporal focusing microscope' by Michael E. Durst et al. The 'IMAGE OF THE WEEK' section shows a road with red numbers overlaid on it.

❖ 예제4 - 연도 / 컨퍼런스 별 결과보기

The screenshot shows the OPTICA PUBLISHING GROUP website. At the top, there is a search bar with the text "Search All Publications" and an "Options" dropdown. Below the search bar are navigation links: "JOURNALS", "CONFERENCES", "OTHER RESOURCES", "MY FAVORITES", and "RECENT PAGES". The main content area is titled "CONFERENCE PAPERS AND VIDEOS FROM OPTICA EVENTS". Below this title is a row of five images showing people at a conference. A mouse cursor is pointing at the third image, which is highlighted with a yellow box. Below the images is a paragraph of text: "Browse the complete collection of conference papers from more than 800 meetings as well as more than 5000 conference videos. A listing of each conference and its years of coverage can be found below." Below this text is a section titled "RECENT VIDEO HIGHLIGHTS" which displays a row of six video thumbnails. A yellow callout box with the text "2. 연도 또는 컨퍼런스 클릭" points to the "By Year" and "By Conference" buttons in the "FIND CONFERENCE" section. Below the callout box is a "FIND CONFERENCE" section with two buttons: "By Year" and "By Conference". To the right of these buttons are links for "Learn About:", "Paper PDFs", "Poster PDFs", and "Video Presentations". Below the buttons is a row of years from 2021 to 2007, with a left and right arrow. Below the years is a table with the following data:

2021 Conference	Acronym	Location	Dates
3D Image Acquisition and Display: Technology, Perception and Applications	3D	Washington, DC, United States	19-23 July

감사합니다



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