

SPIE Digital Library

이용매뉴얼

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1. 출판사 소개

2. SPIE Digital Library 소개

- Contents
- 메인화면

3. Browse

- Proceedings by Conference
- Proceedings By Year
- Proceedings By Volume No.
- Journals

4. Search

- Quick Search
- Advanced Search

5. 부가기능

- Email Alert
- My Article Collection

6. 주의사항

“The largest collection of optics and photonics content in the world”

⊙ 비영리기관인 SPIE는 1955년 설립되어 현재 170개국 이상, 264,000여명의 회원을 보유하고 있으며, 연간 25개의 major conference를 진행 또는 지원

⊙ 주제분야

- Astronomy
- Biomedical Optics and Medical Imaging
- Communications and Information Technology
- Defense and Security
- Electronic Imaging and Signal Processing
- Energy
- Lasers
- Light Sources and Illumination
- Lithography and Microelectronics
- Metrology
- Nanotechnology
- Optics
- Remote Sensing
- Sensors

⊙ 제공 Contents

- URL : <http://spiedigitallibrary.org>
- 1962년 이후 자료 제공
- Journal : 11종 (3종 open access)
- eBook : 392권 (매년 20~25권 가량 업데이트)
- Conference Proceedings : Volume 11,006 이상
- 현재 약 500,000 건 이상의 article 제공
- 매년 약 18,000건의 article 추가

* 2018년 7월 기준

2. SPIE DIGITAL LIBRARY 소개 - SPIE DL 메인화면

SPIE. DIGITAL LIBRARY

CONFERENCE PROCEEDINGS

PAPERS

PRESENTATIONS

JOURNALS -

EBOOKS

ADVANCED SEARCH

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신규 업로드 된
Conference Proceeding

Quick Search

Search the world's largest collection of optics and photonics applied research.

Basic Search

Enter Search Term



SEARCH >

ADVANCED SEARCH >

최근 업로드 된
Proceedings

Advanced Search

ANZCOP

GO >

SPIE. PHOTONICS
CJS ASIA

GO >

SPIE.OPTIFAB

GO >

SPIE. LASER
DAMAGE

GO >

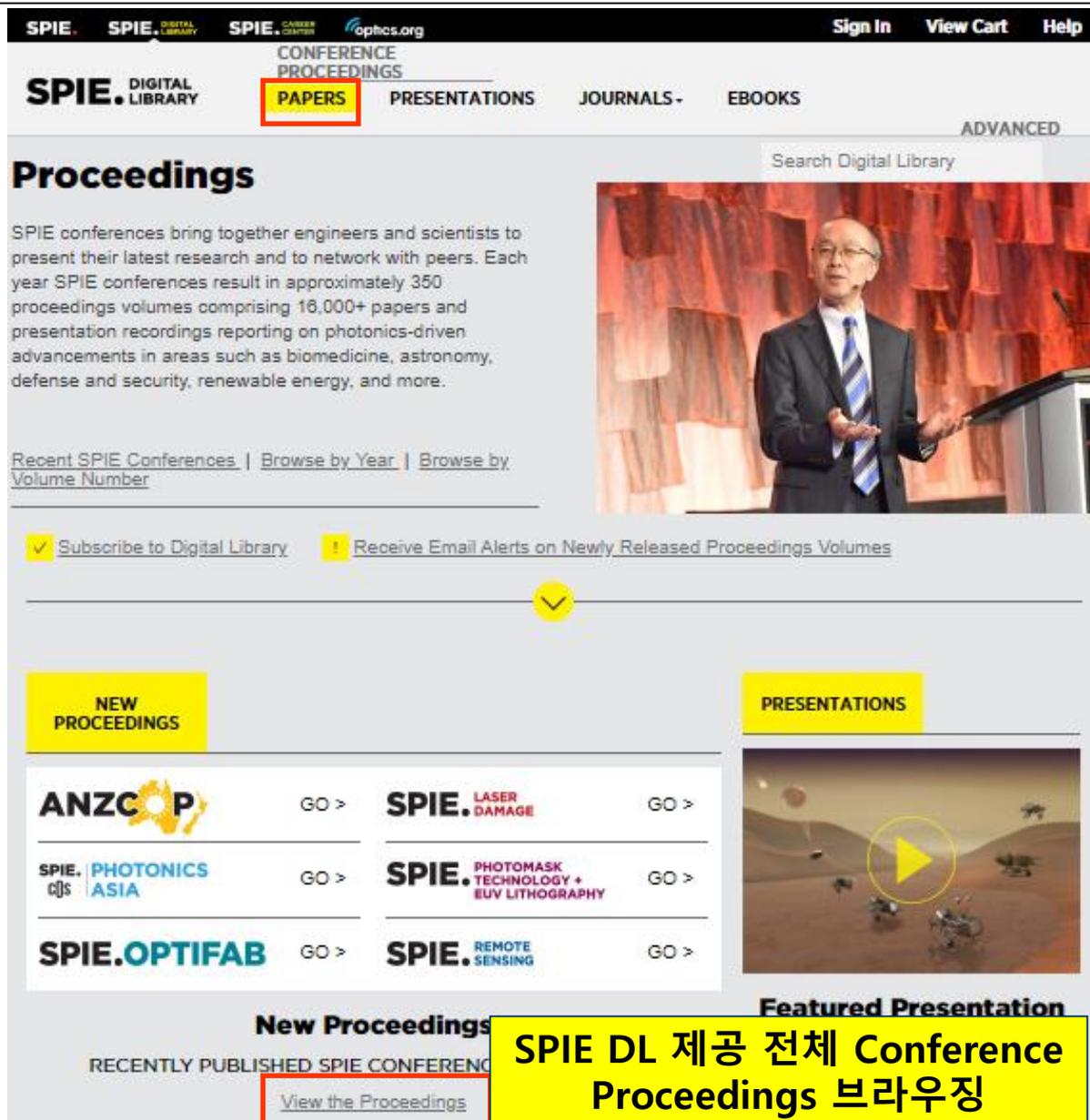


Featured Presentation



Featured Article

3. Browse – Papers by Recent SPIE Conferences



SPIE. DIGITAL LIBRARY **PAPERS** PRESENTATIONS JOURNALS - EBOOKS

CONFERENCE PROCEEDINGS

Search Digital Library

Proceedings

SPIE conferences bring together engineers and scientists to present their latest research and to network with peers. Each year SPIE conferences result in approximately 350 proceedings volumes comprising 18,000+ papers and presentation recordings reporting on photonics-driven advancements in areas such as biomedicine, astronomy, defense and security, renewable energy, and more.

[Recent SPIE Conferences](#) | [Browse by Year](#) | [Browse by Volume Number](#)

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NEW PROCEEDINGS

 ANZCO	GO >	 SPIE. LASER DAMAGE	GO >
 SPIE. PHOTONICS ASIA	GO >	 SPIE. PHOTOMASK TECHNOLOGY + EUV LITHOGRAPHY	GO >
 SPIE.OPTIFAB	GO >	 SPIE. REMOTE SENSING	GO >

Featured Presentation



New Proceedings
RECENTLY PUBLISHED SPIE CONFERENCE

[View the Proceedings](#)

SPIE DL 제공 전체 Conference Proceedings 브라우징

3. Browse – Papers by Recent SPIE Conferences

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Home > BrowseVolume

Browse Proceedings

Browse our growing collection of more than 470,000 conference proceedings papers.

RECENT SPIE CONFERENCES | BY YEAR | BY VOLUME NUMBER

최신 SPIE Conference 목록

 8-12 December 2019 Melbourne, Australia	 20-23 October 2019 Hangzhou, China	 14-17 October 2019 Rochester, New York, United States	 22-25 September 2019 Broomfield (Boulder area), Colorado, United States	 15-19 September 2019 Monterey, California, United States
 9-12 September 2019 Strasbourg, France	 9-12 September 2019 Strasbourg, France	 11-15 August 2019 San Diego, California, United States	 24-27 June 2019 Munich, Germany	 23-27 June 2019 Munich, Germany

3. Browse - Papers by Year

The screenshot shows the SPIE Digital Library website interface. At the top, there are navigation links for SPIE, SPIE Digital Library, SPIE Career Center, and optics.org. On the right, there are links for Sign In, View Cart, and Help. Below the navigation bar, there is a search bar labeled 'Search Digital Library' and an 'ADVANCED SEARCH' link. The main content area is titled 'Browse Proceedings' and includes a description: 'Browse our growing collection of more than 470,000 conference proceedings'. A yellow box highlights the text '연도별 Browse' (Browse by Year). Below this, there are three main categories: 'RECENT SPIE CONFERENCES', 'BY YEAR', and 'BY VOLUME NUMBER'. The 'BY YEAR' category is highlighted with a red border. Under 'BY YEAR', there are several time period buttons: '2020-NOW', '2010-2019', '2000-2009', '1990-1999', '1980-1989', '1970-1979', and '1963-1969'. The '2020-NOW' button is highlighted with a yellow background. At the bottom left, there is a button with a plus sign and the text '2020 (8 Volumes)'.

3. Browse - Papers by Volume No.

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ADVANCED SEARCH
Search Digital Library [Q]

Home > BrowseVolume

Browse Proceedings

Browse our growing collection of more than 470,000 conference proceedings papers.

Volume별 Browse

RECENT SPIE CONFERENCES BY YEAR **BY VOLUME NUMBER**

11000-NOW	10000-10999	9000-9999	8000-8999	7000-7999
6000-6999	5000-5999	4000-4999	3000-3999	2000-2999
1000-1999	1-999			

Volume No.

- + 11300-11399
- + 11200-11299
- + 11100-11199
- + 11000-11099

상세 Volume No. 선택

3. Browse – Conference Presentations

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CONFERENCE PROCEEDINGS

SPIE. DIGITAL LIBRARY | [PAPERS](#) | **PRESENTATIONS** | [JOURNALS](#) | [EBOOKS](#) | [ADVANCED](#)

Search Digital Library

Conference Presentations

Conference Presentations are recordings of oral presentations given at SPIE conferences and published as part of the proceedings. They include the speaker's narration with video of the slides and animations. Most include full-text papers. Interactive, searchable transcripts and closed captioning are now available for most presentations.

Search our growing collection of more than 22,000 conference presentations, including many plenaries and



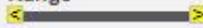
키워드, 연도, 컨퍼런스 명으로 refine

REFINE BY

SEARCH WITHIN PRESENTATIONS

Search within 

YEAR -

Range 

1962 2021

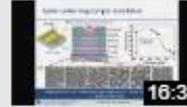
Single Year

YYY

CONFERENCE NAME -

Photonics West (7,581)

Conference Presentations

 <p>13:30</p> <p>17 January 2020 IXPE mirror module assemblies Brian Ramsey, et al.</p>	 <p>15:00</p> <p>17 December 2019 Optical fatigue investigation with in situ time resolved digital holography Balys Momgaudis, et al.</p>	 <p>1:53</p> <p>3 December 2019 Round-robin measurements of optical coatings laser-induced-damage threshold in the subpicosecond range (Conference Presentation) Laurent Lameignère, et al.</p>	 <p>16:30</p> <p>3 December 2019 Quest for high damage performance: metasurfaces for high power laser applications (Conference Presentation) Nathan Ray, et al.</p>
 <p>1:14</p>	 <p>13:22</p>	 <p>12:03</p>	 <p>20:20</p>

1962년 이후의 22,000여 건 이상의 Keynote, 컨퍼런스 프레젠테이션 영상 정보 제공

SPIE. DIGITAL LIBRARY CONFERENCE PROCEEDINGS **JOURNALS -** EBOOKS ADVANCED

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Journals

SPIE journals are dedicated to advancing the science and application of light and light-based technologies. All published journal articles have undergone rigorous peer review as well as professional copyediting and typesetting. Papers can be read online or downloaded as a PDF. All SPIE journals feature e-first rapid online publishing. Open access articles are clearly marked by the open access symbol. For details about publication licenses and the associated rights to share published articles, see the [SPIE policies on article sharing](#).

Announcement: Both the *Journal of Biomedical Optics* and *Neurophotonics* became fully open access journals in January 2019. All content in both is now freely available.

Information for Journal Authors Subscribe to Digital Library Receive Email Alerts

Search Digital Library

총 11종의 저널 목록 및 소개

Advanced Photonics
Advanced Photonics, co-published by SPIE and Chinese Laser Press, is a highly selective, open access, international journal publishing innovative research in all areas of optics and photonics, including fundamental and applied research.
[Current Issue](#) | [All Issues](#) | [Issues In Progress](#)

Journal of Applied Remote Sensing
The *Journal of Applied Remote Sensing* (JARS) is an online journal that optimizes the communication of concepts, information, and progress within the remote sensing community to improve the societal benefit for monitoring and management of natural disasters, weather forecasting, agricultural and urban land-use planning, environmental quality monitoring, ecological restoration, and numerous other commercial and scientific applications.
[Current Issue](#) | [All Issues](#) | [Issues In Progress](#)

Journal of Astronomical Telescopes, Instruments, and Systems
The *Journal of Astronomical*

Journal of Biomedical Optics
The *Journal of Biomedical Optics* (JBO) is an open access journal that publishes peer-reviewed papers on the use of novel optical systems and techniques.

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CONFERENCE PROCEEDINGS

SPIE. DIGITAL LIBRARY PAPERS PRESENTATIONS **JOURNALS -** EBOOKS ADVANCED

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Journal of Applied Remote Sensing

Editor-in-Chief: Ni-Bin Chang, University of Central Florida

The *Journal of Applied Remote Sensing (JARS)* is an online journal that optimizes the communication of concepts, information, and progress within the remote sensing community to improve the societal benefit for monitoring and management of natural disasters, weather forecasting, agricultural and urban land-use planning, environmental quality monitoring, ecological restoration, and numerous other commercial and scientific applications.

최신, 전체, 진행 중인 이슈

Current Issue All Issues Issues in Progress

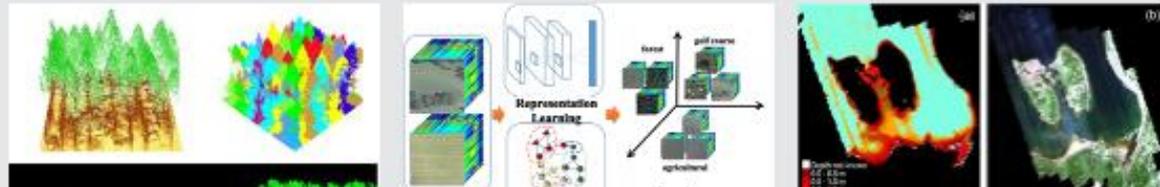
FEATURED CONTENT	SCOPE & DETAILS	EDITORIAL BOARD	CALL FOR PAPERS	AUTHOR GUIDELINES
주요 콘텐츠	해당 저널의 주제 분야	저널 에디터	논문 제출	저자 가이드

해당 저널 메인 페이지

최신, 전체, 진행 중인 이슈

Current Issue All Issues Issues in Progress

FEATURED CONTENT	SCOPE & DETAILS	EDITORIAL BOARD	CALL FOR PAPERS	AUTHOR GUIDELINES
주요 콘텐츠	해당 저널의 주제 분야	저널 에디터	논문 제출	저자 가이드



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ADVANCED SEARCH >

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Home > Journals > Journal of Applied Remote Sensing > Volume 12 > Issue 4

JOURNAL OF APPLIED REMOTE SENSING

VOL. 12 · NO. 4 | OCTOBER 2018

CONTENTS

IN THIS ISSUE

저널의 해당 volume에 포함된 아티클의 주제별 분류

- Review Papers** (2)
- Special Section on Optics in Atmospheric Propagation and Adaptive Systems** (7)
- Special Section on Advances in Remote Sensing for Air Quality Management** (11)
- Special Section on Advances in Agro-Hydrological Remote Sensing for Water Resources Conservation** (6)
- Sensor and Platform Technologies** (5)
- Image and Signal Processing Methods** (19)
- Remote Sensing Applications and Decision Support** (31)

[VIEW ALL ABSTRACTS](#) +



< Previous Issue

3. Browse – Journals: 아티클 선택 화면

6 December 2019

Efficient maneuvering target detection method based on time reversal transform and scaled nonuniform fast Fourier transform

Ke Jin; Hongmin Zhang; Jie Huang; Yanli Qi; Yongjun Zhao

Author Affiliations +

J. of Applied Remote Sensing, 13(4), 040501 (2019). <https://doi.org/10.1117/1.JRS.13.040501>

ARTICLE	FIGURES & TABLES	REFERENCES	CITED BY
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Abstract

We consider the coherent detection of a maneuvering target in a noisy environment. An efficient coherent integration method based on time reversal transform (TRT) and scaled nonuniform fast Fourier transform (SNuFFT) is

아티클의 요약, 삽화, 도표, 부가자료, 레퍼런스 및 인용 정보 제공

언어 선택 Translator Disclaimer

JOURNAL ARTICLE
8 PAGES

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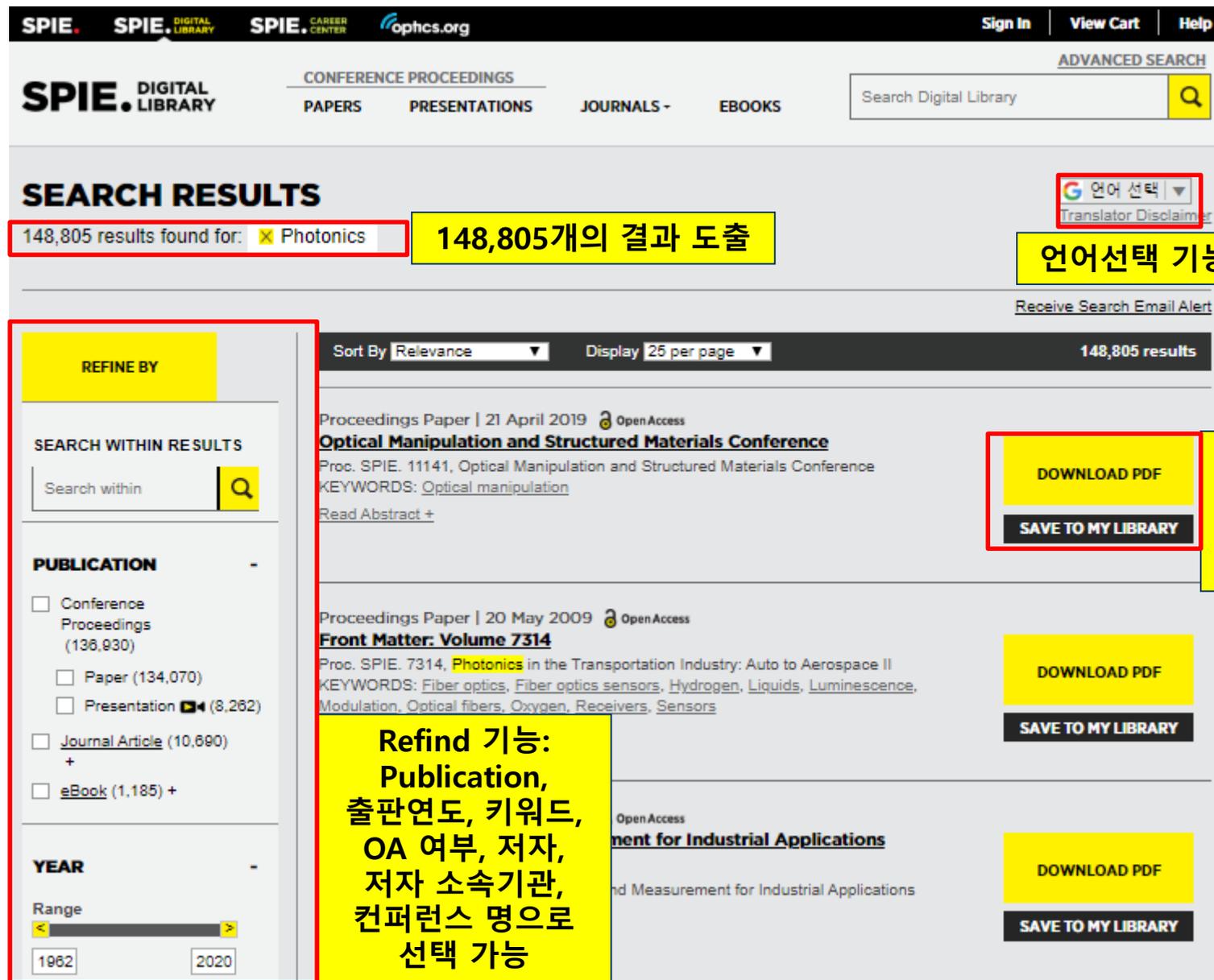
Email, 공유(Share), 서지사항 제공

4. Search – Quick Search

간단한 Keyword를 이용한 검색 방법
검색어 "Photonics"를 입력 후 Search 버튼 클릭.

The screenshot displays the SPIE Digital Library website. At the top, there are navigation links for SPIE, SPIE Digital Library, and SPIE Career Center, along with links for Sign In, View Cart, and Help. Below this, the main navigation menu includes CONFERENCE PROCEEDINGS, PAPERS, PRESENTATIONS, JOURNALS, and EBOOKS. A search bar is prominently featured, containing the text 'photonics'. A dropdown menu below the search bar shows suggestions: 'photonics' and 'photonics systems'. A yellow box labeled '관련 검색어' (Related search terms) points to this dropdown. To the right of the search bar is a yellow 'SEARCH >' button. Below the main search bar, there is a larger search input field with the placeholder text 'Enter Search Term' and a magnifying glass icon, followed by another yellow 'SEARCH >' button. The main content area features the text 'Search the world's largest collection of optics and photonics applied research.' At the bottom center, there is a yellow circular button with a downward-pointing chevron.

4. Search – Quick Search



The screenshot shows the SPIE Digital Library search results for the keyword 'Photonics'. The page features a navigation bar with 'SPEI.E', 'SPEI.E DIGITAL LIBRARY', 'SPEI.E CAREER CENTER', and 'ophcs.org'. A search bar at the top right contains the text 'Search Digital Library' and a magnifying glass icon. Below the search bar, the results are displayed in a list format. The first result is 'Optical Manipulation and Structured Materials Conference' from 2019, and the second is 'Front Matter: Volume 7314' from 2009. Each result includes a 'Download PDF' button and a 'Save to My Library' button. A 'Refine by' sidebar on the left allows filtering by publication type (Conference Proceedings, Paper, Presentation, Journal Article, eBook) and year (1962-2020). A 'Sort By' dropdown is set to 'Relevance' and 'Display' is set to '25 per page'. A 'Translator Disclaimer' link is visible in the top right corner.

148,805 results found for: **Photonics**

148,805개의 결과 도출

언어 선택

언어선택 기능

REFINE BY

SEARCH WITHIN RESULTS

Search within

PUBLICATION

- Conference Proceedings (136,930)
- Paper (134,070)
- Presentation (8,262)
- Journal Article (10,690) +
- eBook (1,185) +

YEAR

Range

1962 2020

Refind 기능:
출판연도, 키워드,
OA 여부, 저자,
저자 소속기관,
컨퍼런스 명으로
선택 가능

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Keywords in [Remove](#)

in [Remove](#)

in [Remove](#)

[+ Add another field](#)

Search In: 자료종류 선택

Proceedings Volume

Journals + Volume Issue Page

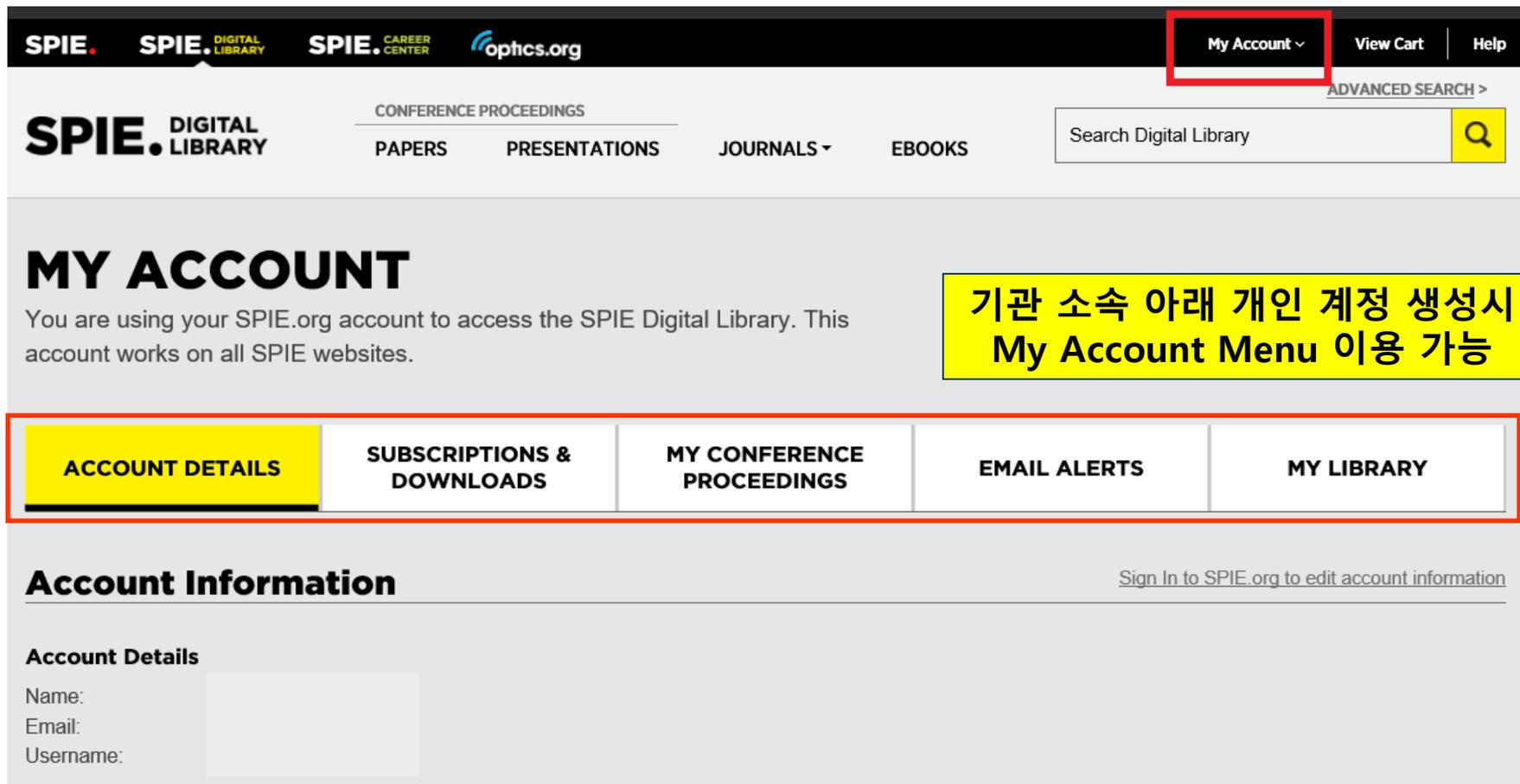
eBooks +

Publication Years Publication Year

Range

Single Year

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