



使用手冊

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SPIE 簡介

SPIE (The International Society for Optical Engineering , 國際光學工程學會) 成立於 1955 年，是致力於光學、光子學和電子學領域的研究、工程和應用的著名專業學會。它是一個非營利性組織，在全球大約有 15000 名會員。學會每年舉辦超過 350 次的國際性技術研討會以及各種短期課程和教學活動，所發表的會議文獻反映了相應專業領域的最新進展和動態，具有極高的學術價值。 SPIE 會議錄收錄了自從 1963 年以來由 SPIE 主辦的或參與主辦的、超過 5000 卷的會議論文，彙集了光學工程、光學物理、光學測試儀器、遙控感應、雷射器、機器人及其工業應用、光電子學、圖像處理和電腦應用等領域的最新研究成果以及大量原始的、新穎的和先進的研究記錄，被世界上無數的大學、政府、研究機構和企業圖書館所收藏。具有資料量大、報導速度快、相關學科領域廣泛等特點，已成為光學及其應用領域科技人員極為重視和依賴的資訊來源，是國際著名的會議文獻出版物。SPIE Digital Library 除了包含上述著名的會議錄外，還出版了四種著名的專業期刊。

SPIE Digital Library 簡介

SPIE Digital Library 是在許多廣泛的光學和光子資源下的其中一個簡單的資源。使用 SPIE Digital Library 研究者將節省他們的時間，因為我們讓資訊觀點更簡易。我們將 50 年的經驗和出版技術資訊應用於提供給使用者的服務上。

SPIE Digital Library 收錄內容：

1. SPIE 會議錄：
 - 收錄 1998 年至今的會議錄全文，從第 3245 卷起，約有 70,000 篇論文
 - 收錄 1992 年起大多數會議論文的引文及摘要(會議記錄第 1787~3244 卷)
 - 每年新增約 15,000 篇新的論文
2. SPIE 期刊：
 - Optical Engineering –回溯至 1998 年，自第 37 卷起
 - Journal of Biomedical Optics –回溯至 1998 年，自第 3 卷起
 - Journal of Electronic Imaging –回溯至 1998 年，自第 7 卷起
 - Journal of Microlithography, Microfabrication & Microsystems –回溯至 2002 年，自第 1 卷起 (2002 年創刊)
3. 涵蓋學科主題：

航太學、遙感、天文學、自動化、檢查、產品工程、生醫光學、通訊和光纖、電子影像、顯示與醫學影像、雷射與應用、微電子學、光電子學、微機電、光電物理、化學和生物學、光電科學和工程、信號及影像處

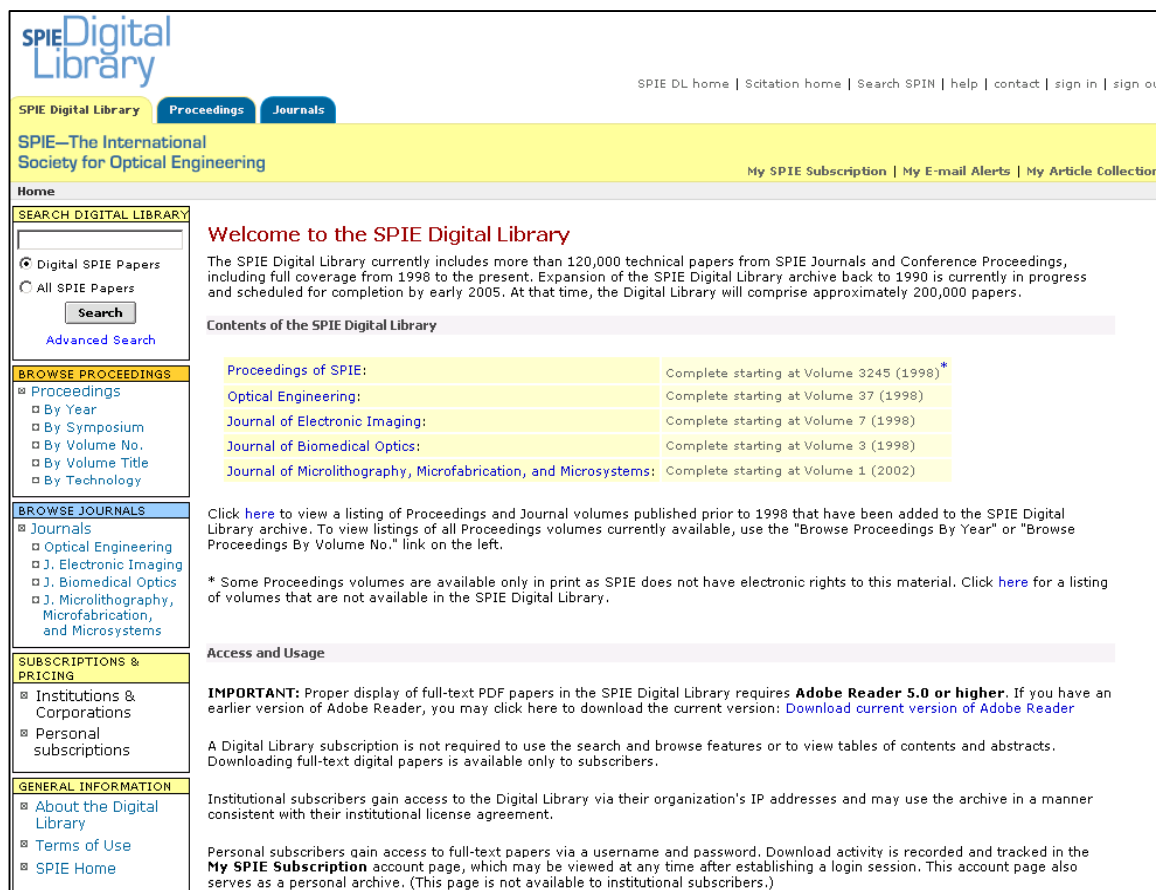


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SPIE Digital Library 首頁



Welcome to the SPIE Digital Library

The SPIE Digital Library currently includes more than 120,000 technical papers from SPIE Journals and Conference Proceedings, including full coverage from 1998 to the present. Expansion of the SPIE Digital Library archive back to 1990 is currently in progress and scheduled for completion by early 2005. At that time, the Digital Library will comprise approximately 200,000 papers.

Contents of the SPIE Digital Library

Proceedings of SPIE:	Complete starting at Volume 3245 (1998)*
Optical Engineering:	Complete starting at Volume 37 (1998)
Journal of Electronic Imaging:	Complete starting at Volume 7 (1998)
Journal of Biomedical Optics:	Complete starting at Volume 3 (1998)
Journal of Microlithography, Microfabrication, and Microsystems:	Complete starting at Volume 1 (2002)

Click [here](#) to view a listing of Proceedings and Journal volumes published prior to 1998 that have been added to the SPIE Digital Library archive. To view listings of all Proceedings volumes currently available, use the "Browse Proceedings By Year" or "Browse Proceedings By Volume No." link on the left.

* Some Proceedings volumes are available only in print as SPIE does not have electronic rights to this material. Click [here](#) for a listing of volumes that are not available in the SPIE Digital Library.

Access and Usage

IMPORTANT: Proper display of full-text PDF papers in the SPIE Digital Library requires **Adobe Reader 5.0 or higher**. If you have an earlier version of Adobe Reader, you may click here to download the current version: [Download current version of Adobe Reader](#)

A Digital Library subscription is not required to use the search and browse features or to view tables of contents and abstracts. Downloading full-text digital papers is available only to subscribers.

Institutional subscribers gain access to the Digital Library via their organization's IP addresses and may use the archive in a manner consistent with their institutional license agreement.

Personal subscribers gain access to full-text papers via a username and password. Download activity is recorded and tracked in the **My SPIE Subscription** account page, which may be viewed at any time after establishing a login session. This account page also serves as a personal archive. (This page is not available to institutional subscribers.)

Browse 瀏覽

Proceedings 會議錄

SPIE 的會議錄是從 1963 年起由 SPIE 主辦或共同贊助的會議超過 5500 卷的會議錄所構成的。SPIE Digital Library 包含的會議錄從 1998 年至今，從 3245 卷開始收錄。目前 SPIE 有計劃將會議錄回溯到 1990 年，也就是 1200 卷。預計每年會增加 15,000 筆會議錄。



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SPIE Digital Library

SPIE DL home | Citation home | Search SPIN | help | contact | sign in | sign out

Proceedings

Home > Proceedings

SEARCH PROCEEDINGS

☒ Digital Proceedings Papers
☐ All Proceedings Papers

[Advanced Search](#)

BROWSE PROCEEDINGS

☒ Proceedings

- ☐ By Year
- ☐ By Symposium
- ☐ By Volume No.
- ☐ By Volume Title
- ☐ By Technology

BROWSE JOURNALS

☒ Journals

- ☐ Optical Engineering
- ☐ J. Electronic Imaging
- ☐ J. Biomedical Optics
- ☐ J. Microlithography, Microfabrication, and Microsystems

SUBSCRIPTIONS & PRICING

☒ Institutions & Corporations

Proceedings of SPIE

The Proceedings of SPIE comprise more than 5500 volumes from conferences sponsored or cosponsored by SPIE since 1963. The SPIE Digital Library currently includes Proceedings from 1998 to the present, starting with SPIE Volume 3245. Expansion of the Proceedings archive back to 1990 (SPIE Volume 1200) is currently in progress and scheduled for completion by early 2005. Approximately 15,000 new papers are added each year. A list of the most recently published Proceedings is provided below.

Click [here](#) to view a listing of Proceedings volumes published prior to 1998 that have been added to the SPIE Digital Library archive. To view listings of all Proceedings volumes currently available, use the "Browse Proceedings By Year" or "Browse Proceedings By Volume No." link on the left.

Some Proceedings volumes are available only in print as SPIE does not have electronic rights to this material. Click [here](#) for a listing of volumes that are not available in the SPIE Digital Library.

New Proceedings

Volume No.	Title
5656	Active and Passive Remote Sensing of the Oceans
5633	Advanced Materials and Devices for Sensing and Imaging II
5628	Semiconductor Lasers and Applications II
5592	Nanofabrication: Technologies, Devices, and Applications
5680	Multimedia Computing and Networking 2005
5676	Document Recognition and Retrieval XII
5675	Vision Geometry XIII
5668	Image Quality and System Performance II
5667	Color Imaging X: Processing, Hardcopy, and Applications

目前在回溯計劃中，已經有些會議錄已經放到SPIE Digital Library中，您可以在「Click [here](#) to view a listing of Proceedings volumes...」中找到最新增加進SPIE Digital Library的回溯資料，您可以在此時隨時取得回溯資料的最新訊息。

SPIE Digital Library

SPIE DL home | Citation home | Search SPIN | help | contact | sign in | sign out

Proceedings

My SPIE Subscription | My E-mail Alerts | My Article Collections

SEARCH PROCEEDINGS

☒ Digital Proceedings Papers
☐ All Proceedings Papers

[Advanced Search](#)

BROWSE PROCEEDINGS

☒ Proceedings

- ☐ By Year
- ☐ By Symposium
- ☐ By Volume No.
- ☐ By Volume Title
- ☐ By Technology

BROWSE JOURNALS

☒ Journals

- ☐ Optical Engineering
- ☐ J. Electronic Imaging
- ☐ J. Biomedical Optics
- ☐ J. Microlithography, Microfabrication, and Microsystems

SUBSCRIPTIONS & PRICING

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Backfile volumes added to the SPIE Digital Library

SPIE is currently expanding its Digital Library to include Proceedings and Journals published from 1990—1997. In general, newer publications are being added first. The following is a listing of Proceedings backfile additions to the Digital Library, with the latest additions appearing at the top of the list.

Volume No.	Title
1276	CO2 Lasers and Applications II
1574	Intl Colloquium on Diffractive Optical Elements
1270	Optical Thin Films and Applications
1278	Excimer Lasers and Applications II
1272	Optical Materials Technology for Energy Efficiency and Solar Energy Conversion IX
1284	Nanostructure and Microstructure Correlation with Physical Properties of Semiconductors
1263	Electron-Beam, X-Ray, and Ion-Beam Technology: Submicrometer Lithographies IX
1267	Fiber Optic Sensors IV
1268	Applications of Ultrashort Laser Pulses in Science and Technology
1265	Industrial Inspection II
1269	Environment and Pollution Measurement Sensors and Systems
1260	Sensing and Reconstruction of Three-Dimensional Objects and Scenes
1204	Time-Resolved Laser Spectroscopy in Biochemistry II
1261	Integrated Circuit Metrology, Inspection, and Process Control IV

另外，有些的會議錄SPIE只有紙本出版權利，沒有電子版出版權利，所以這些會議錄無法在SPIE Digital Library中找到資料。您可以在「Click [here](#) for a listing of volumes that are not available in the SPIE Digital Library.」中找到不能在SPIE Digital Library中發表的會議錄。

SPIE Digital Library

SPIE DL home | Scitation home | Search SPIN | help | contact | sign in | sign out

Proceedings

Home > Proceedings

SEARCH PROCEEDINGS

☒ Digital Proceedings Papers
☐ All Proceedings Papers

Search

[Advanced Search](#)

BROWSE PROCEEDINGS

Proceedings of SPIE Volumes Not Available Online

SPIE does not have electronic publishing rights to the following Proceedings volumes published from 1990-2003 and therefore they are not included in the SPIE Digital Library:

Volumes 1214, 1239, 1240, 1241, 1322, 1359, 1395, 1438, 1462, 1514, 1515, 1518, 1571, 1576, 1601, 1602, 1721, 1722, 1725, 1730, 1777, 1847, 1923, 1929, 1930, 1983, 1986, 1990, 2040, 2075, 2076, 2104, 2105, 2162, 2204, 2250, 2251, 2256, 2306, 2369, 2452, 2460, 2500, 2575, 2603, 2649, 2733, 2768, 2778, 2794, 2878, 2883, 2900, 2920, 3089, 3235, 3243, 3316, 3322, 3582, 3681, 3727, 3746, 3830, 3864, 3895, 3906, 3975, 4062, 4185, 4217, 4218, 4219, 4339, 4359, 4410, 4428, 4587, 4746, 4753, 4828, 4901, 4931 and 5288.

瀏覽會議錄的分類如下：

1. By Year

您可以選擇依照年代的方式瀏覽想要瀏覽年代的會議錄

SPIE Digital Library

SPIE DL home | Scitation home | Search SPIN | help | contact | sign in | sign out

Proceedings

Home > Proc. of SPIE > By Year

SEARCH PROCEEDINGS

☒ Digital Proceedings Papers
☐ All Proceedings Papers

Search

[Advanced Search](#)

BROWSE PROCEEDINGS

☒ Proceedings

☐ By Year

☐ By Symposium

☐ By Volume No.

☐ By Volume Title

☐ By Technology

BROWSE JOURNALS

☒ Journals

☐ Optical Engineering

☐ J. Electronic Imaging

Select publication year

- 2005
- 2004
- 2003
- 2002
- 2001
- 2000
- 1999
- 1998
- 1997
- 1996
- 1995
- 1994
- 1993
- 1992
- 1991
- 1990



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2. By symposium

您可以選擇依照研討會名稱找尋該研討會的會議錄

The screenshot shows the SPIE Digital Library interface. At the top, there's a navigation bar with 'SPIE Digital Library', 'Proceedings', and 'Journals'. Below this is a yellow banner with 'Proceedings' and links for 'My SPIE Subscription', 'My E-mail Alerts', and 'My Article Collections'. The main content area is titled 'Home > Proc. of SPIE > By Conference'. On the left, there's a sidebar with 'SEARCH PROCEEDINGS' (including a search box and 'Advanced Search'), 'BROWSE PROCEEDINGS' (with filters like 'By Year', 'By Symposium', etc.), 'BROWSE JOURNALS', and 'SUBSCRIPTIONS & PRICING'. The main area is titled 'Select a Symposium' and lists '2004 Symposia' with a bulleted list of various symposia such as 'Asia-Pacific Symposium on Remote Sensing 2004', 'Photonics Asia 2004', etc.

3. By Volume No.

您可以選擇依照會議錄卷號瀏覽

The screenshot shows the SPIE Digital Library interface for browsing by volume number. The layout is similar to the previous page, but the main content area is titled 'Select volume range' and displays a list of volume ranges from 3400 to 5700. The sidebar on the left remains the same, providing search and browse options.



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4. By Volume Title

您可以選擇依照會議錄名稱來瀏覽

The screenshot shows the SPIE Digital Library interface. The top navigation bar includes 'SPIE Digital Library', 'Proceedings', and 'Journals'. The main header is 'Proceedings'. Below it, a breadcrumb trail reads 'Home > Proc. of SPIE > By Volume Title > Beginning with "A"'. On the left, there are three main sections: 'SEARCH PROCEEDINGS' with a search box and 'Digital Proceedings Papers' selected; 'BROWSE PROCEEDINGS' with a tree view showing 'Proceedings' selected; and 'BROWSE JOURNALS' with a tree view showing 'Journals' selected. The right side of the page displays a list of titles starting with 'A', including '10th Annual Symp on Microlithography' and '10th International Symposium on Nanostructures: Physics and Technology'. A sidebar on the right contains links for 'My SPIE Subscription', 'My E-mail Alerts', and 'My Article Collections'.

5. By Technology

您可以選擇依照技術主題的方式瀏覽會議錄

The screenshot shows the SPIE Digital Library interface. The top navigation bar includes 'SPIE Digital Library', 'Proceedings', and 'Journals'. The main header is 'Proceedings'. Below it, a breadcrumb trail reads 'Home > Proc. of SPIE > By Technology'. On the left, there are three main sections: 'SEARCH PROCEEDINGS' with a search box and 'Digital Proceedings Papers' selected; 'BROWSE PROCEEDINGS' with a tree view showing 'Proceedings' selected; and 'BROWSE JOURNALS' with a tree view showing 'Journals' selected. The right side of the page displays a list of titles starting with 'A', including '10th Annual Symp on Microlithography' and '10th International Symposium on Nanostructures: Physics and Technology'. A sidebar on the right contains links for 'My SPIE Subscription', 'My E-mail Alerts', and 'My Article Collections'.



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Journals 期刊

現在您可以更快速的取得研究資訊，e-First 提供您在每一期紙本期刊出版前讓您可以線上取得期刊的文章和引文資訊。代替完整的紙本卷期出版品，文章只要獲得許可，即可在線上出版。每本期刊將會定期隨著新增加的文章直到此卷期結束，和到下一期新的文章開始而變成動態性出版。瀏覽期刊的方式為依照期刊名稱瀏覽 SPIE Digital Library 內的期刊。

SPIE Digital Library

SPIE DL home | Citation home | Search SPIN | help | contact | sign in | sign out

Journals

Home > Journals

SEARCH JOURNALS

☒ Digital Journal Papers
☐ All Journal Papers

Search

[Advanced Search](#)

BROWSE PROCEEDINGS

- Proceedings
 - By Year
 - By Symposium
 - By Volume No.
 - By Volume Title
 - By Technology

BROWSE JOURNALS

- Journals
 - Optical Engineering
 - J. Electronic Imaging
 - J. Biomedical Optics
 - J. Microlithography, Microfabrication, and Microsystems

SUBSCRIPTIONS & PRICING

- Institutions & Corporations
- Personal subscriptions

GENERAL INFORMATION

- About the Digital Library
- Terms of Use
- SPIE Home

Journals

e-First for Journals Is Here

Now you can get research information faster. e-First gives you access to articles and citation information for online journals—before each issue is in print. Instead of queuing for publication as a complete issue, articles are published online as they are approved. Each journal issue becomes a dynamic publication with new articles added regularly until the issue closes and the next issue is opened to new papers.

Optical Engineering

Current Issue:

February 2005 Volume 44, Issue 2

[Current Issue](#) | [Current Volume](#) | [All Volumes](#)

Journal of Electronic Imaging

Current Issue:

October 2004 Volume 13, Issue 4, pp. 673-908

[Current Issue](#) | [Current Volume](#) | [All Volumes](#)

Journal of Biomedical Optics

Current Issue:

January 2005 Volume 10, Issue 1

[Current Issue](#) | [Current Volume](#) | [All Volumes](#)

Journal of Microlithography, Microfabrication, and Microsystems

Current Issue:

October 2004 Volume 3, Issue 4, pp. 505-588

[Current Issue](#) | [Current Volume](#) | [All Volumes](#)

[home](#) | [proceedings](#) | [journals](#)



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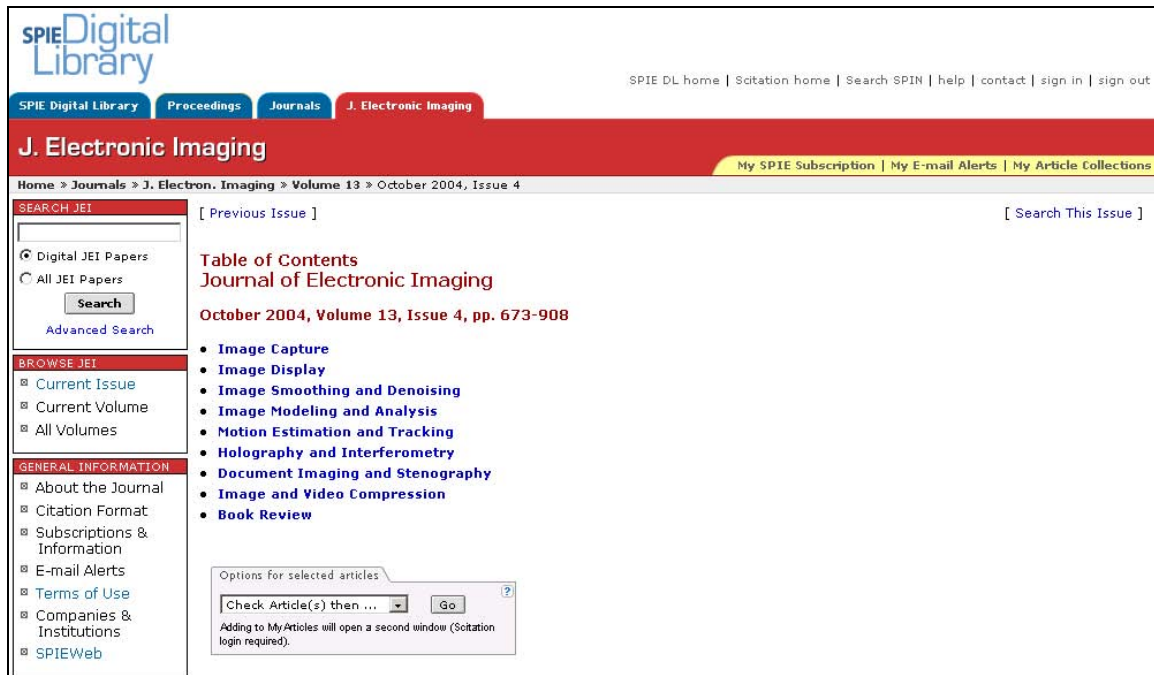
1. Optical Engineering –回溯至 1998 年，自第 37 卷起

The screenshot shows the SPIE Digital Library interface for the Optical Engineering journal. The top navigation bar includes links for SPIE DL home, Citation home, Search SPIN, help, contact, sign in, and sign out. The main header features the SPIE Digital Library logo and the journal title 'Optical Engineering'. Below the header, there are links for 'My SPIE Subscription', 'My E-mail Alerts', and 'My Article Collections'. The page content is organized into several sections: a search bar with options for 'Digital OE Papers' and 'All OE Papers', a 'Table of Contents' for February 2005, Volume 44, Issue 2, and a 'PARTIAL TABLE OF CONTENTS' section. The 'PARTIAL TABLE OF CONTENTS' section includes a note about the issue's completion status and a list of article topics such as 'OE Letters', 'Optical System Design', 'Imaging Systems', 'Instrumentation, Measurement, and Metrology', 'Thin Films', 'Optical Components, Detectors, and Displays', and 'Lasers and Laser Optics'.

2. Journal of Biomedical Optics –回溯至 1998 年，自第 3 卷起

The screenshot shows the SPIE Digital Library interface for the Journal of Biomedical Optics. The top navigation bar includes links for SPIE DL home, Citation home, Search SPIN, help, contact, sign in, and sign out. The main header features the SPIE Digital Library logo and the journal title 'J. Biomedical Optics'. Below the header, there are links for 'My SPIE Subscription', 'My E-mail Alerts', and 'My Article Collections'. The page content is organized into several sections: a search bar with options for 'Digital JBO Papers' and 'All JBO Papers', a 'Table of Contents' for January 2005, Volume 10, Issue 1, and a 'PARTIAL TABLE OF CONTENTS' section. The 'PARTIAL TABLE OF CONTENTS' section includes a note about the issue's completion status and a list of article topics such as 'Special Section on Optics in Neuroscience' and 'Research Papers'. There is also a 'SPECIAL SECTION ON OPTICS IN NEUROSCIENCE' section with a checkbox for 'Optical single-channel recording: imaging Ca²⁺ flux through individual ion channels with high temporal and spatial'.

3. Journal of Electronic Imaging –回溯至 1998 年，自第 7 卷起



SPIE Digital Library

SPIE DL home | Scitation home | Search SPIN | help | contact | sign in | sign out

SPIE Digital Library | Proceedings | Journals | J. Electronic Imaging

J. Electronic Imaging

My SPIE Subscription | My E-mail Alerts | My Article Collections

Home » Journals » J. Electron. Imaging » Volume 13 » October 2004, Issue 4

SEARCH JEI [Previous Issue] [Search This Issue]

Table of Contents
Journal of Electronic Imaging
October 2004, Volume 13, Issue 4, pp. 673-908

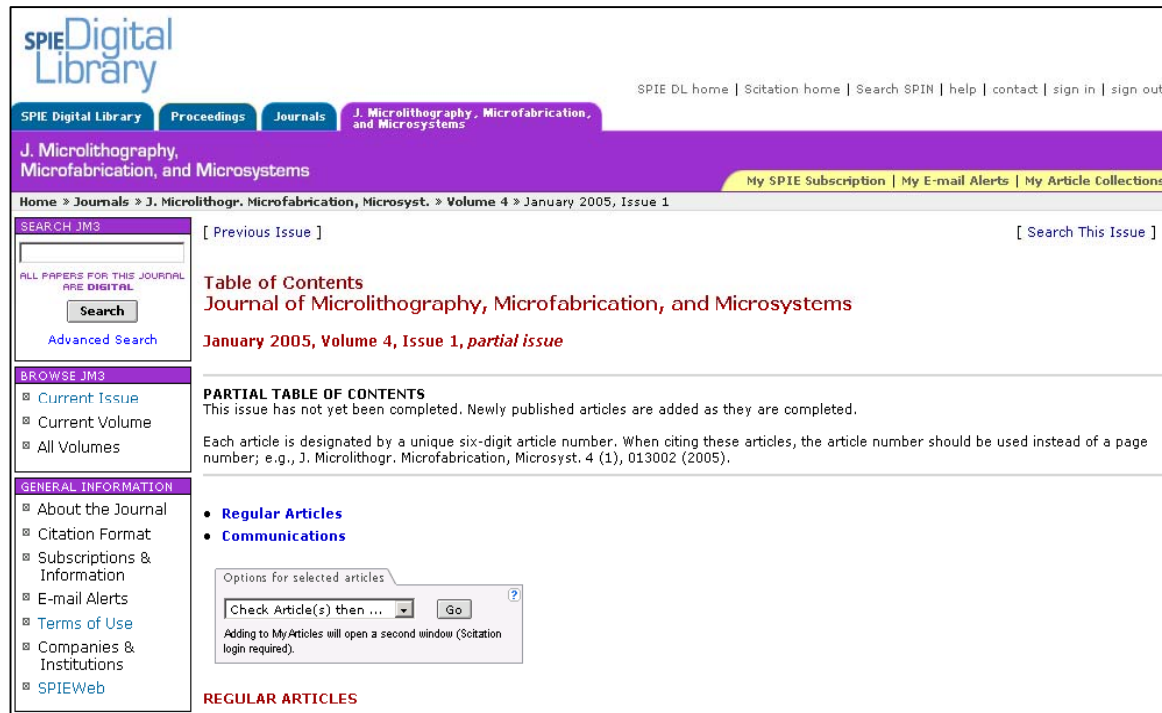
- Image Capture
- Image Display
- Image Smoothing and Denoising
- Image Modeling and Analysis
- Motion Estimation and Tracking
- Holography and Interferometry
- Document Imaging and Stenography
- Image and Video Compression
- Book Review

Options for selected articles

Check Article(s) then ... Go

Adding to MyArticles will open a second window (Scitation login required).

4. Journal of Microlithography, Microfabrication & Microsystems –回溯至 2002 年，自第 1 卷起 (2002 年創刊)



SPIE Digital Library

SPIE DL home | Scitation home | Search SPIN | help | contact | sign in | sign out

SPIE Digital Library | Proceedings | Journals | J. Microlithography, Microfabrication, and Microsystems

J. Microlithography, Microfabrication, and Microsystems

My SPIE Subscription | My E-mail Alerts | My Article Collections

Home » Journals » J. Microlithogr. Microfabrication, Microsyst. » Volume 4 » January 2005, Issue 1

SEARCH JMS [Previous Issue] [Search This Issue]

Table of Contents
Journal of Microlithography, Microfabrication, and Microsystems
January 2005, Volume 4, Issue 1, partial issue

PARTIAL TABLE OF CONTENTS

This issue has not yet been completed. Newly published articles are added as they are completed.

Each article is designated by a unique six-digit article number. When citing these articles, the article number should be used instead of a page number; e.g., J. Microlithogr. Microfabrication, Microsyst. 4 (1), 013002 (2005).

- Regular Articles
- Communications

Options for selected articles

Check Article(s) then ... Go

Adding to MyArticles will open a second window (Scitation login required).

REGULAR ARTICLES



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Simple Search 簡易檢索

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Switchable Bragg grating devices for telecommunications applications

Serdar Yeralan, John Gunther, Dwight Ritums, Robert Cid, and Milan Popovich
Digilens Inc., 615 Palomar Avenue, Sunnyvale, California 94086

文章摘要

(Received May 14, 2001; revised Feb. 1, 2002; accepted Feb. 1, 2002)

Digilens is developing a new class of optical components based on the combination of electrically switchable Bragg grating (ESBG) and optical waveguide technology. One or more optical waveguides are formed on a substrate, which is used as one wall of a cell filled with an ESBG. The ESBG layer forms part of the waveguide cladding, so that the grating can interact with the evanescent field of the light energy traveling in the waveguide. This device architecture has been used to make electrically variable optical attenuators with more than 50 dB of controllable range, flat attenuation over the optical communications C band, fast ($\sim 100 \mu s$) switching speed, and encouragingly low polarization-dependent loss. Initial results on a variable wavelength-selective filter are also reported. ©2002 Society of Photo-Optical Instrumentation Engineers.

doi:10.1117/1.1486457
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REFERENCES

參考文獻

1. L. Domash, G. Crawford, A. Ashmead, R. Smith, M. Popovich, and M. Popovich, "Holographic PDLC for photonic applications," *Proc. SPIE* **4107**, 1 - 13 (2000).
2. R. T. Pogue, R. L. Sutherland, M. G. Schmitt, L. V. Natarajan, S. A. Siwecki, V. P. Tondiglia, and T. J. Bunning, "Electrically switchable Bragg gratings from liquid crystal/polymer composites," *Appl. Spectrosc.* **54**, 12A - 28A (2000).
3. L. H. Domash, P. Haugsjaa, and B. E. Little, "Low-cost active WDM components via polymer-composite switchable Bragg gratings," *Proc. SPIE* **3234**, 146 - 152 (1998).
4. L. H. Domash, "Liquid-crystal microdroplet holograms for waveguide WDM applications," *Proc. SPIE* **3134**, 214 - 220 (1997).
5. A. Ogiwara, Y. Kuratomi, T. Karasawa, A. Takimoto, and S. Mizuguchi, "PS polarization converting device for LC projector using holographic polymer-dispersed LC films," in *SID 99 Digest*, pp. 1124 - 1127 (1999).
6. K. Kato, T. Hisaki, and M. Date, "Alignment-controlled holographic polymer dispersed liquid crystal for reflective display devices," *Jpn. J. Appl. Phys., Part 1* **38**, 805 - 808 (1999).

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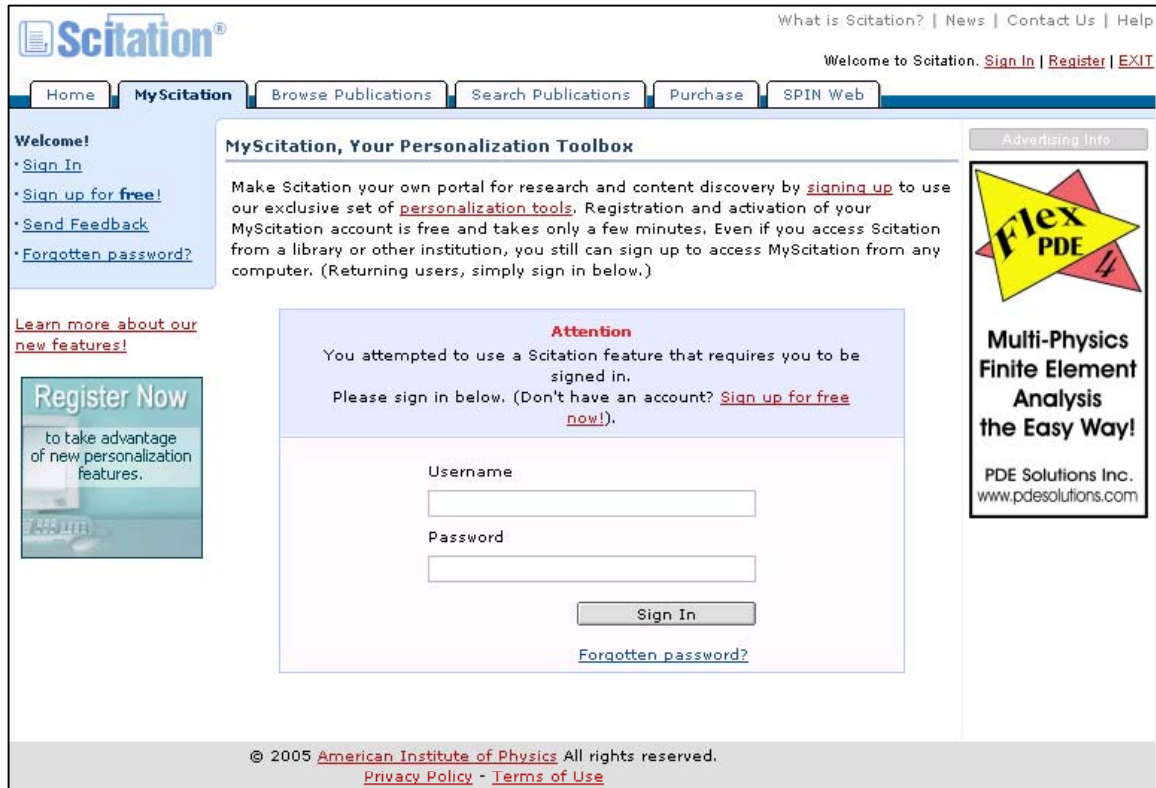
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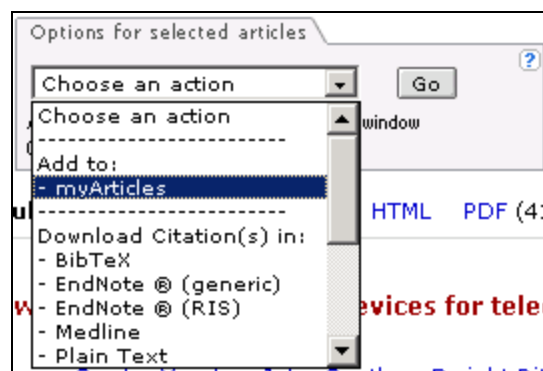
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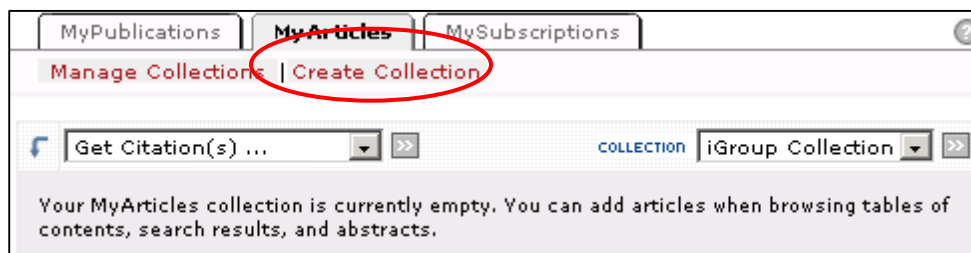
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1. 點選 Create Collection 建立新的 Collection



2. 建立 Collection 名稱和選擇公開或不公開 Collection

The 'Create New Collection' dialog box is shown. It has a tabbed interface with 'MyPublications', 'MyArticles', and 'MySubscriptions'. The 'MyArticles' tab is active, showing 'Manage Collections' and 'Create Collection' links. The 'Create New Collection' section contains a text input field for 'New Collection Name' with the value 'Demo test' and a note '(20 character maximum)'. Below this, there are two radio button options for 'Share Collection': 'Private' (Only I have access to this collection) and 'Public' (Everyone can access this collection). The 'Public' option is selected. At the bottom right, there are 'Create New' and 'Cancel' buttons.

如果使用者想管理 My Article 中的 Collection 請依照以下步驟：

1. 點選 My Article→Manage Collections



2. 管理所有已經建立的 Collections

The 'Manage Article Collections' table is displayed. It has columns for 'Collection Name (click to view)', 'Articles', 'Status', 'Share', and 'Action'. There are six rows of collections listed. Each row has a checkbox on the left. At the bottom right, there is a 'Remove Selected' button.

	Collection Name (click to view)	Articles	Status	Share	Action
☐	iGroup Collection	0	Active	Yes (Make Private)	Edit
☐	Demo test	3	Make Active	Yes (Make Private)	Edit
☐	dna	2	Make Active	No (Make Public)	Edit
☐	Bond09471	10	Make Active	Yes (Make Private)	Edit
☐	bps test	0	Make Active	Yes (Make Private)	Edit
☐	BPS Sales	5	Make Active	Yes (Make Private)	Edit