



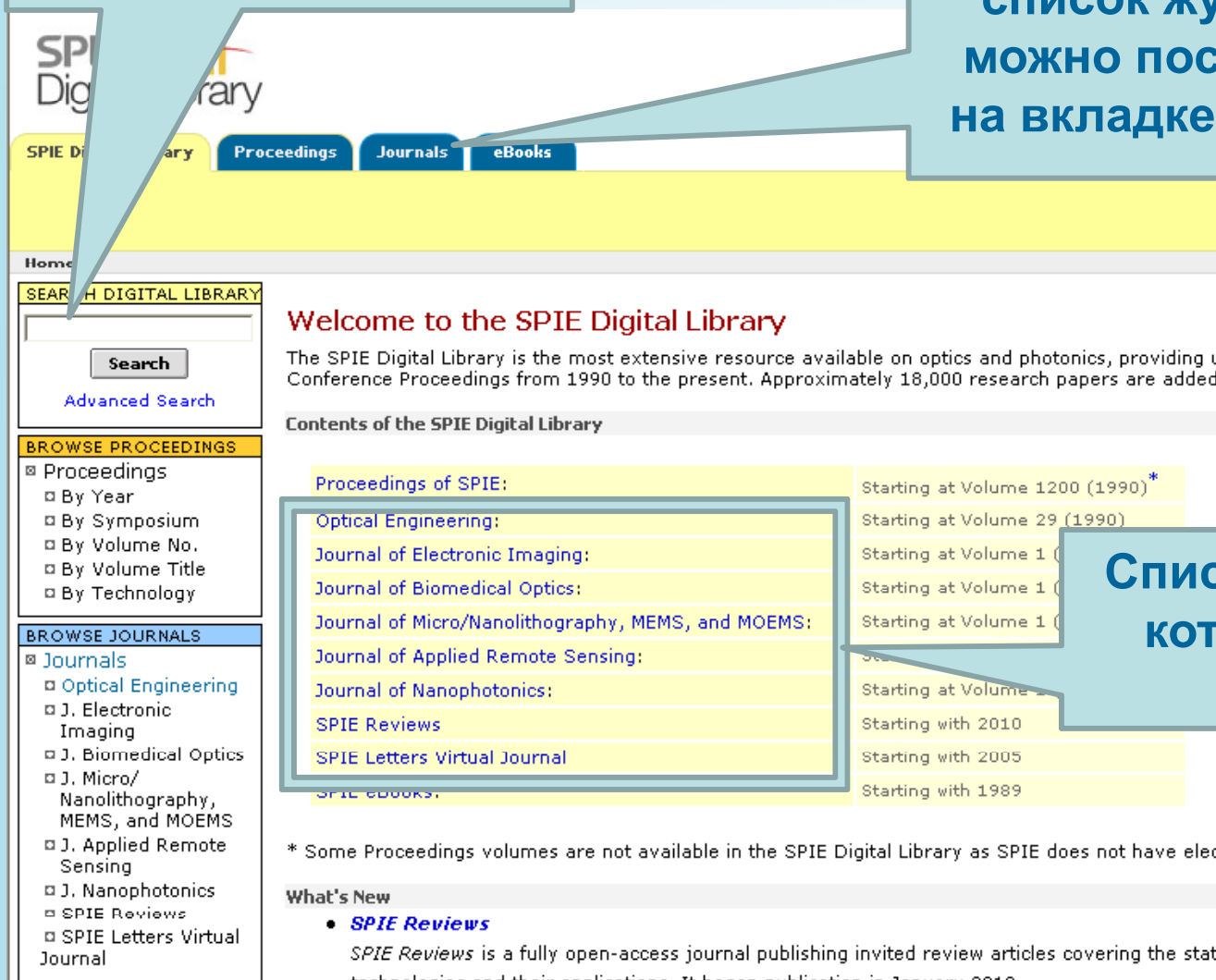
Электронная библиотека SPIE Digital Library

Краткая инструкция по работе с базой данных



Поиск по базе данных

Расширенный список журналов можно посмотреть на вкладке Journals



The screenshot shows the SPIE Digital Library homepage. At the top, there are navigation tabs for 'Proceedings', 'Journals', and 'eBooks'. A search bar is located on the left side. The main content area features a 'Welcome to the SPIE Digital Library' message and a table of contents. A callout box highlights the 'Journals' tab and the list of journal titles in the table of contents. Another callout box points to the search bar. A third callout box points to the 'Journals' section of the table of contents.

SEARCH DIGITAL LIBRARY

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. Micro/Nanolithography, MEMS, and MOEMS
 - J. Applied Remote Sensing
 - J. Nanophotonics
 - SPIE Reviews
 - SPIE Letters Virtual Journal

Welcome to the SPIE Digital Library

The SPIE Digital Library is the most extensive resource available on optics and photonics, providing up to date Conference Proceedings from 1990 to the present. Approximately 18,000 research papers are added each year.

Contents of the SPIE Digital Library

Proceedings of SPIE:	Starting at Volume 1200 (1990)*
Optical Engineering:	Starting at Volume 29 (1990)
Journal of Electronic Imaging:	Starting at Volume 1 (1990)
Journal of Biomedical Optics:	Starting at Volume 1 (1990)
Journal of Micro/Nanolithography, MEMS, and MOEMS:	Starting at Volume 1 (1990)
Journal of Applied Remote Sensing:	Starting at Volume 1 (1990)
Journal of Nanophotonics:	Starting at Volume 1 (1990)
SPIE Reviews	Starting with 2010
SPIE Letters Virtual Journal	Starting with 2005
SPIE eBooks:	Starting with 1989

* Some Proceedings volumes are not available in the SPIE Digital Library as SPIE does not have electronic versions of these volumes.

What's New

- SPIE Reviews**
 SPIE Reviews is a fully open-access journal publishing invited review articles covering the state of the art in various technologies and their applications. It began publication in January 2010.

Список журналов, к которым открыт доступ



The screenshot shows the SPIE Digital Library website interface. On the left, there are navigation menus for 'SEARCH JOURNALS', 'BROWSE PROCEEDINGS', and 'BROWSE JOURNALS'. The main content area lists several journals with their editors and current issues. Three callout boxes are overlaid on the page:

- Callout 1:** A light blue box with the text "Название журнала" (Journal Name) pointing to the journal title "Optical Engineering".
- Callout 2:** A light blue box with the text "Ссылка на архив номеров журнала" (Link to journal archive) pointing to the "All Volumes" link under the "Current Issue" section of "Optical Engineering".
- Callout 3:** A light blue box with the text "Ссылка на последний номер журнала" (Link to the last issue of the journal) pointing to the "Current Issue" link under the "Optical Engineering" section.



SEARCH OE

Search

[Advanced Search](#)

BROWSE OE

- Current Issue
- Current Volume
- All Volumes

GENERAL INFORMATION

- About the Journal
- Citation Format
- Subscriptions & Information
- E-mail Alerts
- Terms of Use
- Institutions & Corporations
- SPIEWeb

[[Previous Issue](#)]

PARTIAL TABLE OF CONTENTS

This issue is in progress. Newly published articles are added as they are completed and approved for publication.

Each article is designated by a unique six-digit article number. When citing these articles, the article number should be used instead of the volume number; for example, Opt. Eng. 49, 123001 (2010).

Articles marked "OPEN ACCESS" may be downloaded without a subscription.

Optical Engineering

December 2010, Volume 49, Issue 12, *partial issue*

- [Optical System Design](#)
- [Imaging Systems](#)
- [Optical Fabrication](#)
- [Instrumentation, Measurement, and Metrology](#)
- [Laser Applications](#)
- [Optical Sensors](#)
- [Integrated Optics](#)
- [Fiber Optics and Optical Communication](#)
- [Holography](#)
- [Adaptive Optics](#)
- [Image Processing](#)
- [Machine Vision, Pattern Recognition](#)
- [Physical Optics, Diffractive Optics](#)

Options for selected Articles

Check Article(s) then ... ?

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

 YOUR CART

OPTICAL SYSTEM DESIGN

- [High-efficiency light-emitting diode collimator](#)

Daniel Vázquez-Moliní, Mario González-Montes, Antonio Álvarez, and Eusebio Bernabéu

Opt. Eng. Vol. 49, 123001 (Dec. 17, 2010)

[Abstract](#) Full Text: [[HTML](#) [Sectioned HTML](#) [PDF \(869 kB\)](#)]

IMAGING SYSTEMS

- [Three-dimensional neuronal brain activity estimation using shrinking sm](#)

Wassim Zouch, Mohamed Ben Slima, Imed Feki, Philippe Derambure, Abdelmalik Taleb-

Opt. Eng. Vol. 49, 123201 (Dec. 15, 2010)

Ссылка на
предыдущий номер
журнала

Поиск статьи в
текущем номере

Список рубрик
журнала

Панель управления
выделенными
статьями

Список статей журнала





OPTICAL SYSTEM DESIGN

Флажок для выделения статьи

High-efficiency light-emitting diode collimator

Daniel Vázquez-Moliní, Mario González-Montes, Antonio Álvarez, and Eusebio Bernabéu

Opt. Eng. Vol. 49, 123001 (Dec. 17, 2010)

Abstract Full Text: [HTML Sectioned HTML PDF (869 kb)]

Авторы статьи

IMAGING SYSTEMS

Three-dimensional neuronal brain activity estimation using imaging smooth weighted-minimum

Assim Zouch, Mohamed Ben Slima, Imed Feki, Philippe Grambure, Abdelhak Saleb-Ahmed, and Ahmed Ben H

Eng. Vol. 49, (Dec. 15, 2010)

Ссылка на полный текст статьи в формате HTML

Название статьи

Ссылка на полный текст статьи в формате PDF

Ссылка на реферат статьи



Поиск по базе данных

The screenshot shows a search interface with a search bar containing 'laser', a 'Search' button, and an 'Advanced Search' link. Below the search bar, it indicates 'You were searching for : (laser)' and shows 'You found 3299 out of 14214 (50 Documents 1 - 25 listed on this page)'. A 'Refine' button is visible. On the left, there are navigation menus for 'BROWSE PROCEEDINGS' (with sub-categories like Proceedings, By Year) and 'BROWSE EBOOKS' (with sub-categories like By Title, By Year, By Series, By Technology). A 'SUBSCRIPTIONS & PRICING' menu is also present. The main results area shows a list of articles, each with a '99%' match score, a checkbox, and a title. The first article is 'Frequency stabilization of a diode laser to absorption lines of water vapor in the 944-nm region', the second is 'High data rate laser transmitter based on a diode double end-pumped Nd:YAG laser with optical communication', and the third is 'Method for surface defect detection by laser light scattering'. Each article entry includes authors, journal information, and a 'Full Text' link with options for HTML or PDF. A 'Re-sort' button and a 'Show Only' filter are also visible. At the bottom of the results, there are pagination links: [1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Next 25 | More Results] and a '[Related SPIE Products]' link.

Ключевое слово для поиска (вводить на английском языке)

Название статьи

Панель управления выделенными статьями

Ссылка на полный текст статьи в формате PDF

Ссылка на полный текст статьи в формате HTML

Список статей соответствующих поисковому запросу





Панель управления выделенными статьями

2. Выбрать опцию управления

Options for selected Articles [View MyArticles](#)

Check Article(s) then ...

Select up to 20 articles at a time. YOUR CART

[Related SPIE Products]

[1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Next 25 | More Results]

- 99% 1. **Frequency stabilization of a diode laser to absorption lines of water vapor in the 944-nm wavelength region**
Grady J. Koch, Anthony L. Cook, Colleen M. Fitzgerald, and Amin N. Dharamsi
Opt. Eng. **40**, 525 (2001) Full Text: [HTML PDF (177 kB)] (4 pages)
- 99% 2. **High data rate laser transmitter based on a diode double end-pumped Nd:YAG laser with linearly polarized output for free space laser communication**
S. K. Sudheer, S. Sivabalan, N. Venugopalan Pillai, V. P. Mahadevan Pillai, Zachariah C. Alex, V. U. Nayar, and J. P. Raina
Opt. Eng. **47**, 044201 (2008) Full Text: [HTML PDF (1088 kB)] (10 pages)
- 99% 3. **Method for small particle detection by laser**
Kalju Meigas
Opt. Eng. **37**, 2587 (1998) Full Text: [PDF (88 kB)] (5 pages)

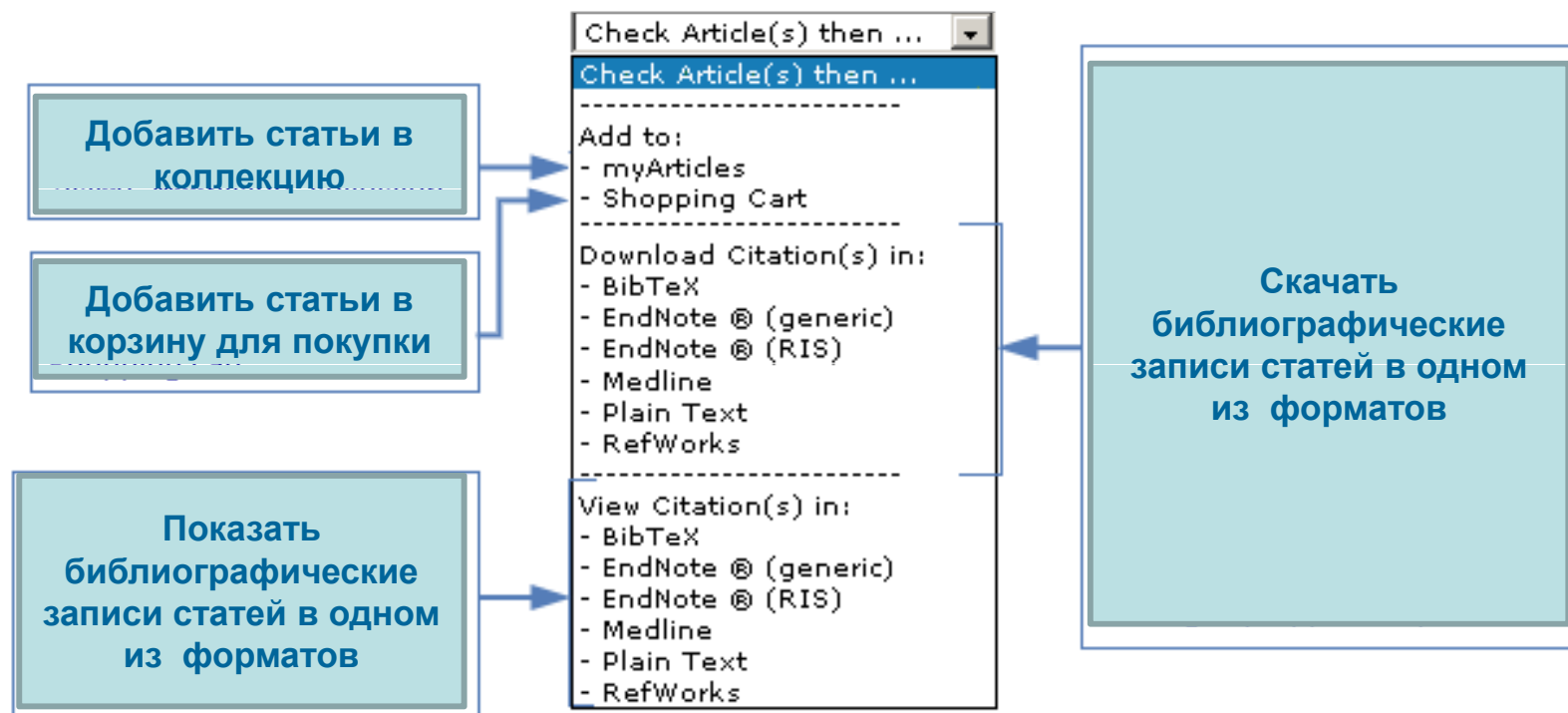
1. Выбрать одну или несколько статей





Панель управления выделенными статьями

Select up to 20 articles at a time, from a Table of Contents or search results, using the checkboxes; then select an action from the drop-down menu. Use the drop-down menu from any abstract to save the article to your "MyArticles" collection or to download a citation for the abstract, in the format of your choice.



Расширенный поиск

Ссылка на
расширенный поиск

Выбор вида публикаций
для поиска

The screenshot shows the 'Advanced Search' page of the SPIE Digital Library. On the left, there are navigation menus for 'SEARCH JOURNALS', 'BROWSE PROCEEDINGS', 'BROWSE JOURNALS', 'BROWSE EBOOKS', and 'SUBSCRIPTIONS & PRICING'. The main search area includes a search box, a 'Search' button, and a 'Publication Type' section with checkboxes for various categories like 'All SPIE Papers', 'Optical Engineering', 'SPIE Journals', etc. Below this are search criteria fields with 'AND' operators and a 'Results Sorting Options' dropdown set to 'Relevance Order'. At the bottom, there are 'Publication Date Range' and 'Volume/Issue Range' sections with dropdowns for month, day, year, volume, and issue numbers. Callout boxes with arrows point to the search box, the 'Publication Type' section, the search criteria fields, the 'Results Sorting Options' dropdown, the 'Publication Date Range' section, and the 'Volume/Issue Range' section.

Поля ввода
ключевых слов

Сортировка
результатов
поиска

Установка диапазона
дат публикации

Установка
диапазона
номеров

