# World Scientific e-Journal User Guide

# 1. Main Page



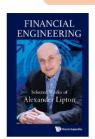




NEW TITLES

PRESS RELEASES

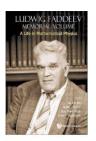
### 새로 출간된 타이틀



Financial Engineering
Selected Works of Alexander Lipton
by Alexander Lipton



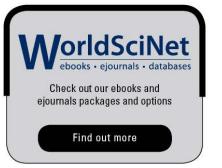
Vibration-Based Techniques for Damage Detection and Localization in Engineering Structures edited by Ali S Nobari & M H Ferri Aliabadi



Ludwig Faddeev Memorial Volume
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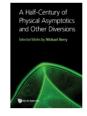
# 1. Main Page



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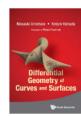




A Half-Century of Physical Asymptotics and Other Diversions Selected Works by Michael Berry by Michael Berry

"Comments made on the philosophy and conduct of science are valuable and have been influenced strongly by academic contacts at the University of Bristol, and indeed worldwide | The variety of papers and their intended readerships make much of this volume appropriate and enjoyable for general readers, as well as for specialists."

Contemporary Physics



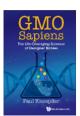
#### **Differential Geometry of Curves and Surfaces**

by Masaaki Umehara & Kotaro Yamada translated by Wayne Rossman

"In a class populated by students who already have some exposure to the concept of a manifold, the presence of chapter 3 in this text may make for an unusual and interesting course. The primary function of this book will be as a text for a more conventional course in the classical theory of curves and surfaces."

MAA Reviews





An Introduction to Black Holes, Information and the String Theory

The Holographic Universe by Leonard Susskind & James Lindesay



Marketing for Competitiveness: Asia to The World

In the Age of Digital Consumers by Philip Kotler, Hermawan Kartajaya & Den Huan Hooi



A Walk Through Combinatorics An Introduction to Enumeration and 4th Edition by Miklós Bóna

More »

1. 새로 등록된 리뷰

2. 베스트셀러 타이틀3. 주요 원문

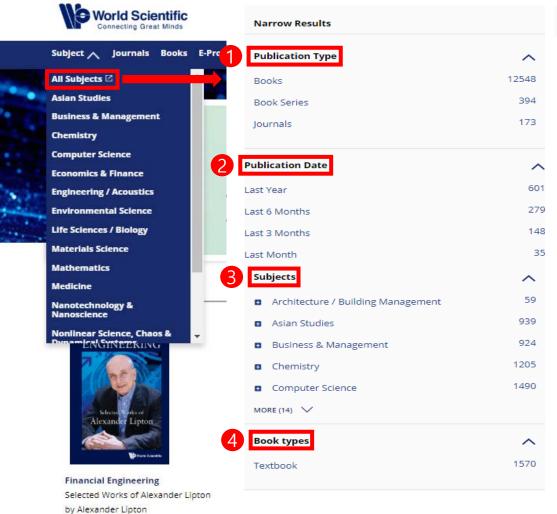
•	FEATURED ARTICLES

Early examples of topological concepts in physics	CALCULATION OF TAKEOFF AND LANDING PERFORMANCE UNDER DIFFERENT ENVIRONMENTS	DIGITAL TRANSFORMATION OF BUSINESS MODELS — BEST PRACTICE, ENABLERS, AND ROADMAP
C. N. Yang	YAJUAN ZHU, JIANGFENG WANG, YONGLIANG CHEN and YIZHAO WU	DANIEL SCHALLMO, CHRISTOPHER A. WILLIAMS and LUKE BOARDMAN
Vol. 33, No. 22 , 19 Jul 2018	Vol. 42, 21 Jun 2016	Vol. 21, No. 08 , 11 Dec 2017
Central Bank Currency Swaps and Their Implications to the International Financial Reform	ANALYSING UBER IN SOCIAL MEDIA — DISRUPTIVE TECHNOLOGY OR INSTITUTIONAL DISRUPTION?	Review of the Synthetic Techniques and Applications of the Quantum Dots/Graphene Composites
Xu Mingqi	CHRISTOFER LAURELL and CHRISTIAN SANDSTRÖM	Yong Duan, Tianjian Zeng, Tao Sun, Ling Tong, Anran Chen, Jin Zhang, Rongfei Wang, Chong Wang and Yu Yang
Vol. 02, No. 01 , 14 Apr 2016	Vol. 20, No. 05 , 15 Jun 2016	Vol. 13, No. 05 , 30 May 2018
POLICY INSIGHTS FROM THE EMF 32 STUDY ON U.S. CARBON TAX SCENARIOS	Predicting Model and Algorithm in RNA Folding Structure Including Pseudoknots	
ALEXANDER R. BARRON, ALLEN A. FAWCETT, MARC A. C. HAFSTEAD, JAMES R. MCFARLAND and ADELE C. MORRIS	Zhendong Liu, Daming Zhu and Qionghai Dai	
Vol. 09, No. 01 , 21 Mar 2018	Vol. 32, No. 10 , 20 Jun 2018	





# 2-1. Browse – by Subject







PER PAGE: 20 50 100

↑ SORT:ALPHABETICALLY



The (1+1)-Nonlinear Universe of the Parabolic Map and Combinatorics



■ 모든 주제별 선택 시

1. 출판 종류: 책, 책 시리즈, 저널



2. 출판 연도: 작년, 6개월/3개월/한 달 전

3. 세부 주제: 건축/건축 경영, 아시아 연구 등

4. 책 종류: 교재

5. 결과 나열 방법: 한 페이지 당 결과 수, 정렬 방법



The (Pre-)Dawning of Functional Specialization in Physics

By (author): Terrance J Quinn (Middle Tennessee State University, USA) May 2017



Book 🗓 Full Access

The "Thermodynamic" Universe

Exploring the Limits of Physics

By (author): B G Sidharth (International Institute of Applicable Mathematics & Information Sciences, India) May 2008



Book 🚊 Full Access

1,1'-Binaphthyl-Based Chiral Materials

Our Journey

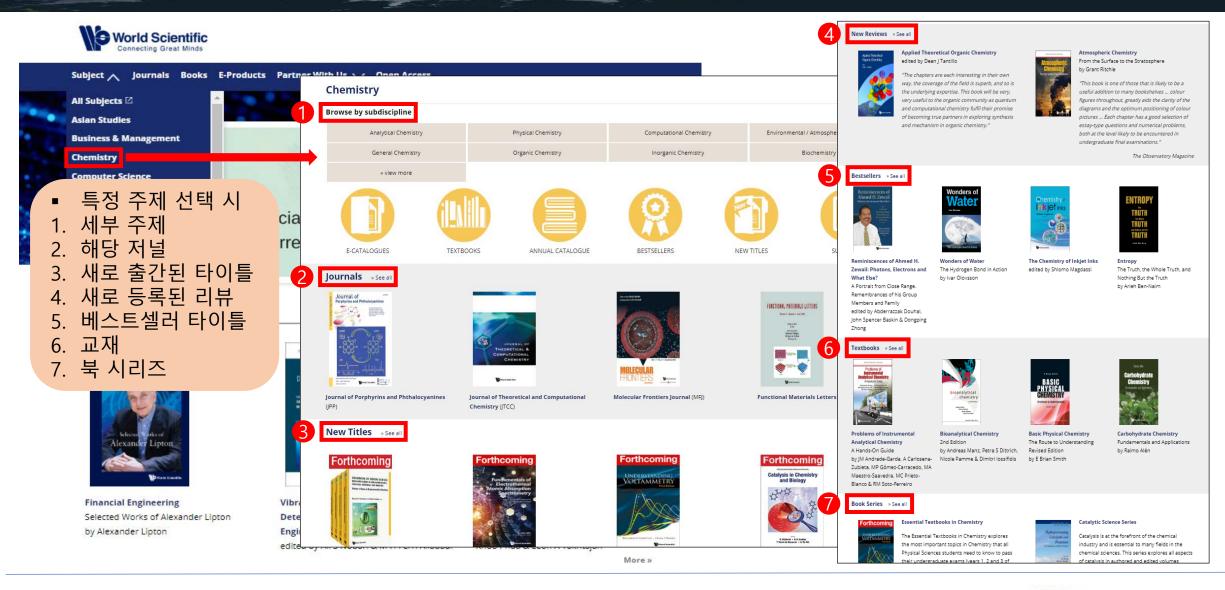
By (author): Pu Lin (University of Virginia, USA)

Aug 2009





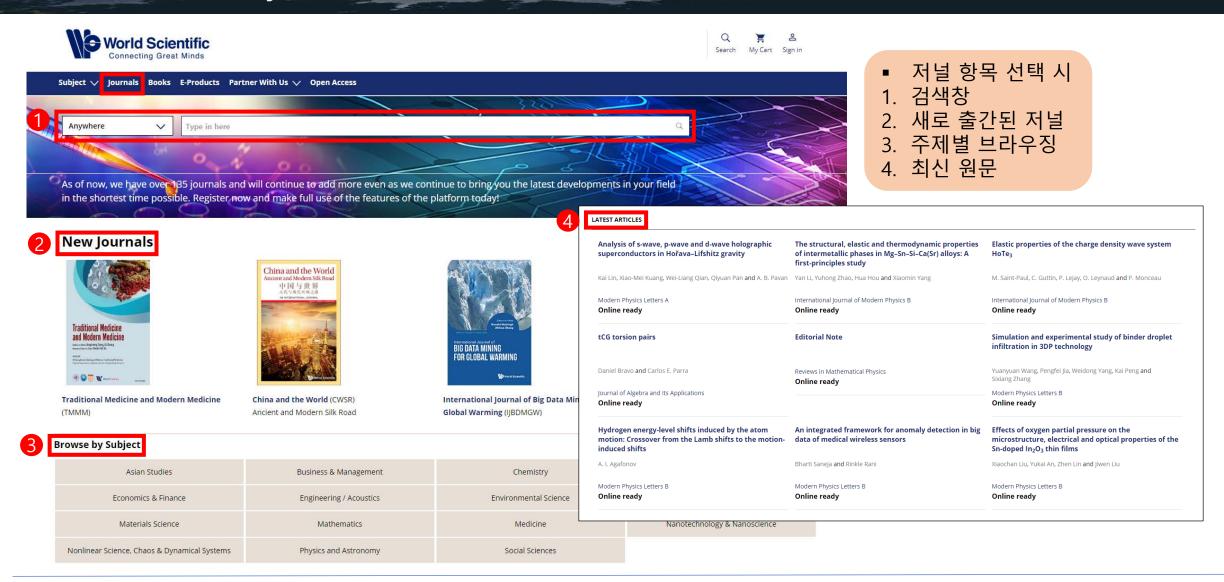
# 2-1. Browse – by Subject







# 2-2. Browse – by Journals







# 2-3. Browse – by Books



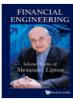
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**New Titles** 

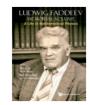


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Vibration-Based Techniques for Damage Detection and Localization in Engineering

edited by Ali S Nobari & M H Ferri Aliabadi



A Life in Mathematical Physi edited by Mo-Lin Ge, Antti | Phua & Leon A Takhtajan



Asian Studies

Economics & Finance

Life Sciences / Biology

Nanotechnology & Nanoscience

Social Sciences

책 항목 선택 시

1. 새로 출간된 타이틀

2. 새로 등록된 리뷰

3. 주제별 브라우징

4. 베스트셀러 타이틀

Chemistry

Engineering / Acoustics

Mathematics

Physics and Astronomy



#### **New Reviews**



The Imperial College Lectures in Petroleum Engineering Volume 1: An Introduction to Petroleum Geoscience

"The book achieves its aim of communicating a common set of principles and a structured approach to petroleum geoscience; it also provides a helpful glossary and at the end of each chapter, a useful set of references for those readers wishing to delve into further detail. Good use is made of illustrations from around the world to demonstrate concepts and principles. The book is thus compact and well laid-out, meeting the challenge on containing the key information for ready reference without running to a considerably larger tome."

> Dr Iohn F Bell Director Asia Operations Ophir Energy



Applied Theoretical Organic Chemistry edited by Dean J Tantillo

"The chapters are each interesting in their own way, the coverage of the field is superb, and so is the underlying expertise. This book will be very, very useful to the organic community as quantum and computational chemistry fulfil their promise of becoming true partners in exploring synthesis and mechanism in organic

> Roald Hoffmann Cornell University Nobel Prize Winner in Chemistry 1991







Bestsellers » See all

Browse by Subject



An Introduction to Black Holes, Information and the String Theory Revolution The Holographic Universe by Leonard Susskind & James Lindesay



Marketing for Competitiveness: Asia to The In the Age of Digital Consumers by Philip Kotler, Hermawan Kartajaya & Den

Business & Management

Education

Materials Science

Nonlinear Science, Chaos & Dynamical

Chinese Titles

A Walk Through

A Walk Through Combinatorics An Introduction to Enumeration and Graph 4th Edition by Miklós Bóna



An Introduction to Black Holes, Information and the String Theory Revolution The Holographic Universe by Leonard Susskind & James Lindesay

Computer Science

Environmental Science

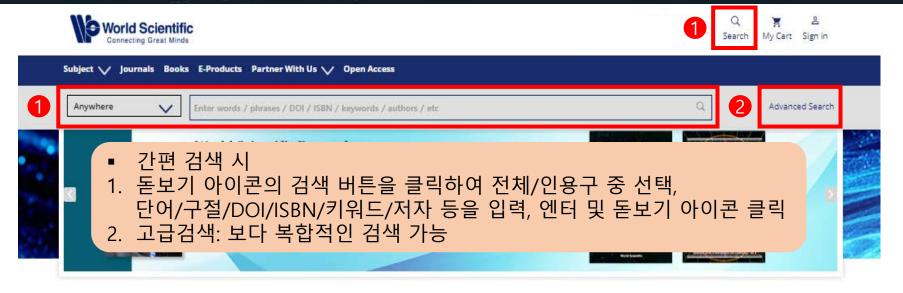
Medicine

Popular & General Science

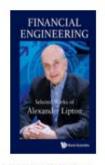




## 3-1. Search – Basic Search



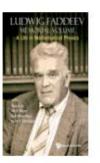
#### **NEW TITLES**



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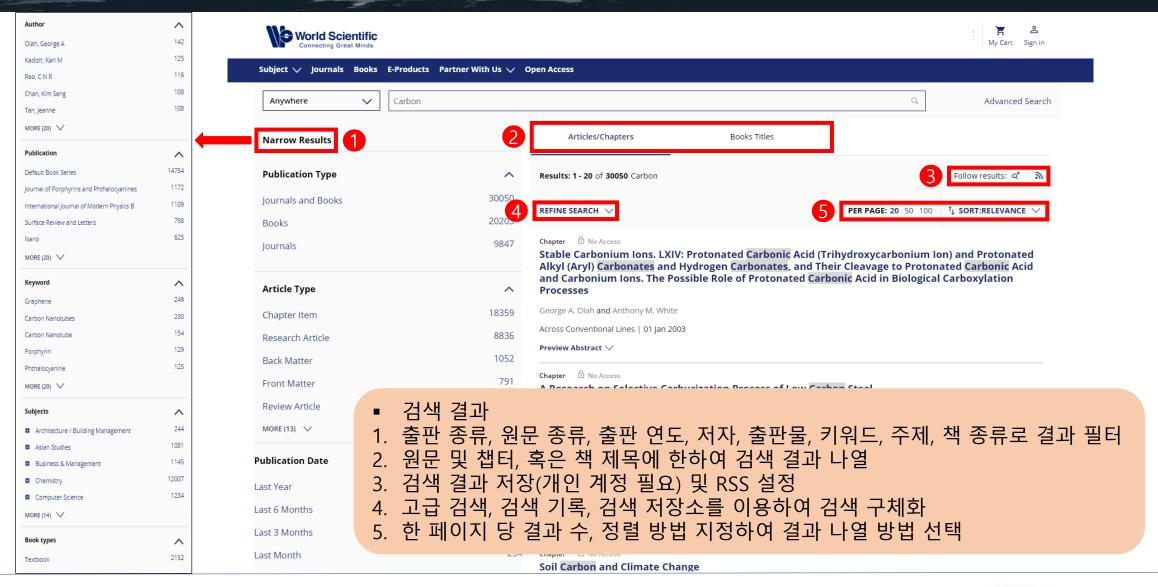








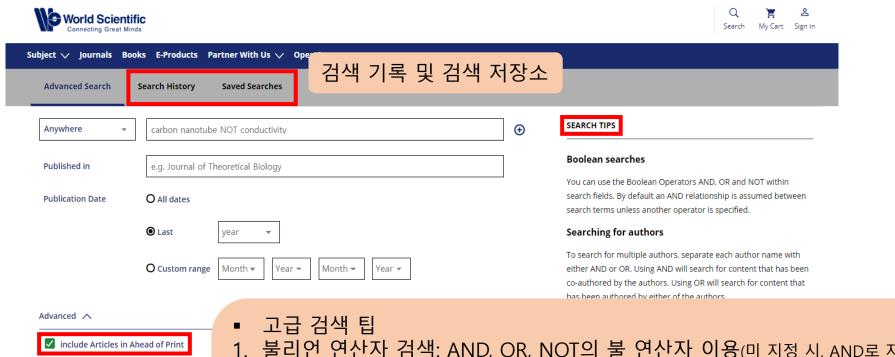
## 3-1. Search — Basic Search







## 3-2. Search – Advanced Search



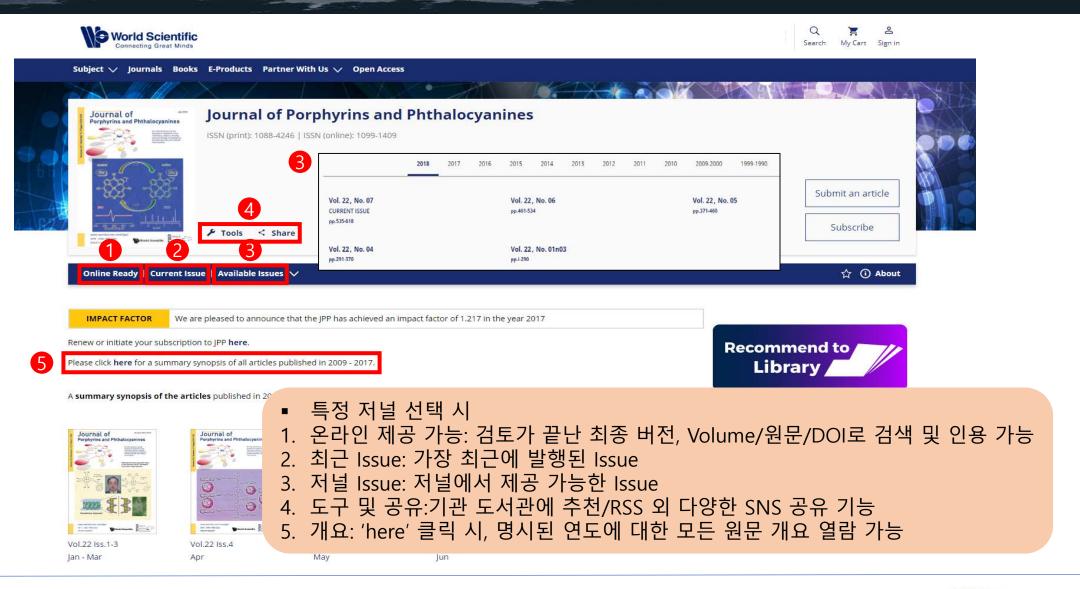
인쇄본 출판 이전에 출간된 원문들 포함 여부

- 1. 불리언 연산자 검색: AND, OR, NOT의 불 연산자 이용(미 지정 시, AND로 자동설정)
- 2. 저자 검색: 여러 저자 검색 시 AND와 OR 응용 가능
- 3. 구문 검색: ""(따옴표) 활용으로 해당 구문과 정확히 일치하는 단어 검색 가능
- 4. 와일드카드: ? 사용 시 하나의 특징에 제한, \* 사용 시 그 이상의 특징에 제한하여 검색 예) Europe\* -> Europe and European, Europe? -> Europe (단, 검색어 시작과 인용 부호로 된 구문 검색 시 사용 불가능)
- 5. DOI 검색: 10.3366/code.2016.0000 형식을 사용하여 DOI 검색





## 4-1. Access Journal







# 4-1. Access Journal

Open Access	Origin of aromatic character in porphyrinoid systems	A review of iron and cobalt porphyrins, phthalocyanines and related complexes for electrochemical and photochemical reduction of carbon dioxide	Basic principles of photodynamic therapy
	Timothy D. Lash	Gerald F. Manbeck and Etsuko Fujita	IAN J. MACDONALD <b>and</b> THOMAS J. DOUGHERTY
	Vol. 15, No. 11n12	Vol. 19, No. 01-03	Vol. 05, No. 02
, , , , ,		Singlet Oxygen Quantum Yields of Different Photosensitizers in Polar Solvents and Micellar Solutions	What's in a name? The MacDonald condensation
		WOLFGANG SPILLER, HOLGER KLIESCH, DIETER WÖHRLE, STEFFEN HACKBARTH, BEATE RÖDER and GÜNTER SCHNURPFEIL	Timothy D. Lash
	Vol. 14, No. 09	Vol. 02, No. 02	Vol. 20, No. 08n11
Konerisiii			Sho
Online ready Onlia			
Electropolymerization of poly-5,10,15,20-tetrakis( <i>p</i> - Dissociated		Porphyrins and phthalocyanines in solar photovoltaic cells	Singlet Oxygen Quantum Yields of Different Photosensitizers in Polar Solvents and Micellar Solution
surface i	IAN J. MACDONALD and THOMAS J. DOUGHERTY	Michael G. Walter, Alexander B. Rudine and Carl C. Wamser	WOLFGANG SPILLER, HOLGER KLIESCH, DIETER WÖHRLE, STEFFEN HACKBARTH, BEATE RÖDER and GUNTER SCHNURPFEIL
Dafeng Liu	Vol. 05, No. 02	Vol. 14, No. 09	Vol. 02, No. 02
Mingdong	Current status of phthalocyanines in the photodynamic therapy of cancer	The key role of peripheral substituents in the chemistry of phthalocyanines and their analogs	A review of iron and cobalt porphyrins, phthalocyanin and related complexes for electrochemical and photochemical reduction of carbon dioxide
	CYNTHIA M. ALLEN, WESLEY M. SHARMAN and JOHAN E. VAN LIER	Evgeny A. Lukyanets and Victor N. Nemykin	Gerald F. Manbeck and Etsuko Fujita
ne Selective	Vol. 05, No. 02	Vol. 14, No. 01	Vol. 19, No. 01-03
hemoglo	Industrial applications of phthalocyanines	Oxygen reduction reaction using $N_4$ -metallomacrocyclic catalysts: fundamentals on rational catalyst design	Phthalocyanines as Photosensitizers in the Photodyna Therapy of Cancer
,	PETER GREGORY	Justus Masa, Kenneth Ozoemena, Wolfgang Schuhmann and José H. Zagal	EUGENY A. LUKYANETS
	Vol. 04, No. 04	Vol. 16, No. 07n08	Vol. 03, No. 06
	2,3- Discotic Synthesi influenc Kohei Ishik Onli 3 T  Dissociar surface i  Dafeng Liu Mingdong Online ro  ne Selective hemoglo  Mahdi Haj and Günth	2,3- Discotic   Synthesis influence   Wichael G. Walter. Alexander B. Rudine and Carl C. Wamser   Vol. 14, No. 09    Onligate   Most cited articles    Basic principles of photodynamic therapy    Dissociat   Surface is   IAN J. MACDONALD and THOMAS J. DOUGHERTY    Vol. 05, No. 02   Current status of phthalocyanines in the photodynamic therapy of cancer    Online re   Cynthia M. Allen, Wesley M. Sharman and Johan E. Van Lier    Vol. 05, No. 02   Industrial applications of phthalocyanines    Mahdi Haji   Peter Gregory    Mahdi Haji   Peter Gregory    Online re   Porphyrins and phthalocyanines in solar photovoltaic    No. 11n12  Porphyrins and phthalocyanines in solar photovoltaic    Name of the photovoltaic    Name of the photodynamic    Name of the p	Timothy D. Lash  Vol. 15, No. 11n12  Vol. 19, No. 01-03  Porphyrins and phthalocyanines in solar photovoltaic cells  Synthesis influence Kohel Ishik  Onlia Most CITED ARTICLES  Dissociat surface i  UAN J. MACDONALD and THOMAS J. DOUGHERTY  Dafeng Liu Mingdong Online re  Selective hemoglo  Relective hemoglo  Mahdi Haji and Gunth Managaran Selections of phthalocyanines in the photodynamics of phthalocyanines of phthalocyanines of phthalocyanines in the photodynamic catalysts: fundamentals on rational catalyst design  Mahdi Haji and Gunth Managar Peter Gregory  Wol. 14, No. 04  Vol. 16, No. 07008  Vol. 16, No. 07008

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## 4-1. Access Journal Article

Keywords: CO2 reduction ■ porphyrin ■ phthalocyanine ■ cobalt ■ iron

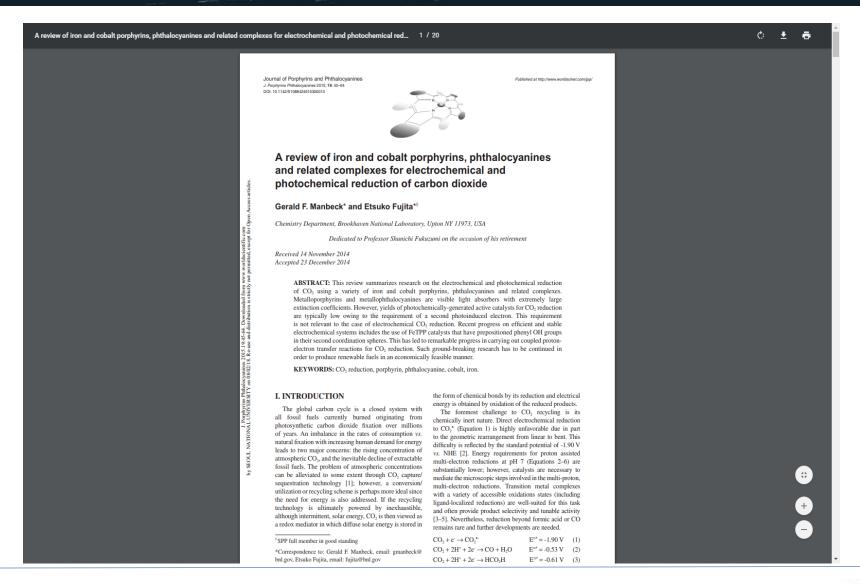


ohthalocyanine





## 4-1. Access Journal Article







## 4-2. Access Book







Related volumes:

Description

- Volume 2: Reservoir Engineering
- Volume 3: Topics in Reservoir Management

Chapters

Reviews

- Volume 4: Drilling and Reservoir Appraisal
- Volume 5: Fluid Flow in Porous Media

This book covers the fundamentals of the earth sciences and examines their role in controlling the global occurrence and distribution of hydrocarbon resources. It explains the principles, practices and the terminology associated with the upstream sector of the oil industry. Key topics include a look at the elements and processes involved in the generation and accumulation of hydrocarbons and demonstration of how geological and geophysical techniques can be applied to explore for oil and gas. There is detailed investigation into the nature and chemical composition of petroleum, and of surface and subsurface maps, including their construction and uses in upstream operations. Other topics include well-logging techniques and their use in determining rock and fluid properties, definitions and classification of resources and reserves, conventional oil and gas reserves, their quantification and global distribution as well as unconventional hydrocarbons, their worldwide occurrence and the resources potentially associated with them. Finally, practical analysis is concentrated on the play concept, play maps, and the construction of petroleum events charts and quantification of risk in exploration ventures.

As the first volume in the Imperial College Lectures in Petroleum Engineering, and based on a lecture series on the same topic, An Introduction to Petroleum Geoscience provides the introductory information needed for students of the earth sciences, petroleum engineering, engineering and seoscience.

This volume also includes an introduction to the series by Martin Blunt and Alain Gringarten, of Imperial College London.

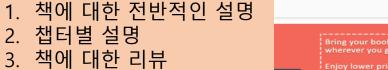
Supplementary

#### Sample Chapter(s)

Chapter 1: Introduction to Geology (6,764 KB)

#### Contents:

- Introduction to Geology
- · Controls on Oil and Gas Occurrence: Sedimentary Basins and Plate Tectonics
- Chemical Composition of Petroleum
- Petroleum System Analysis
- Exploring for Oil and Gas
- · Resources and Reserves: Definition, Classification and Quantification
- The Unconventionals: Oil Shale, Shale Oil, Shale Gas, Oil Sands, Coal Bed Methane and Gas Hydrates
- Introduction to Open-Hole Logs



4. 보조 자료



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#### Recently Reviewed

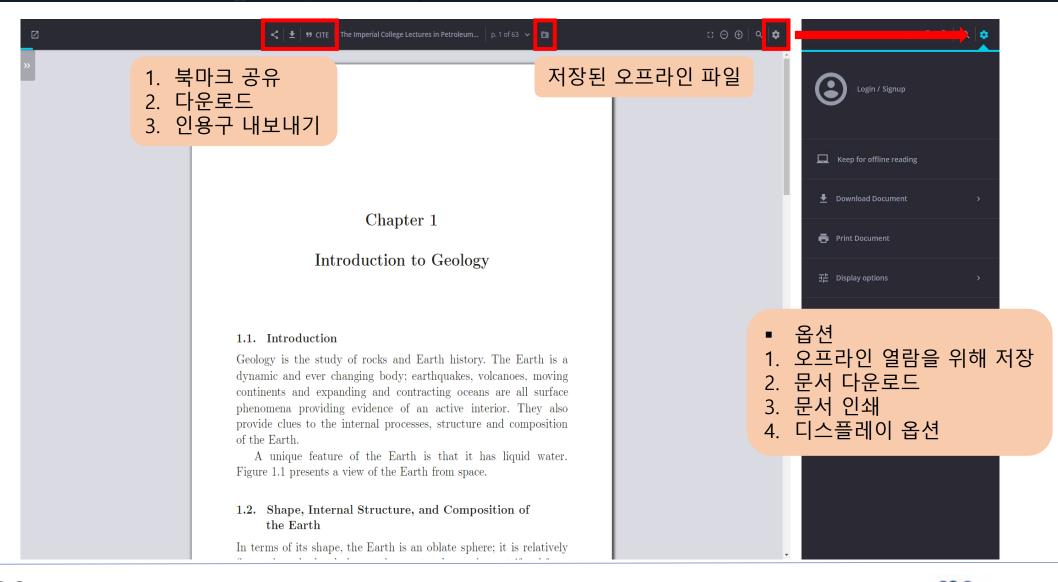


The Imperial College Lectures in Petroleum Engineering Volume 1: An Introduction to Petroleum Geoscience By (author): Michael Ala (Imperial College





## 4-2. Access Book Chapter









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