ScienceDirect

Find Your Path

from Hypothesis to Discovery

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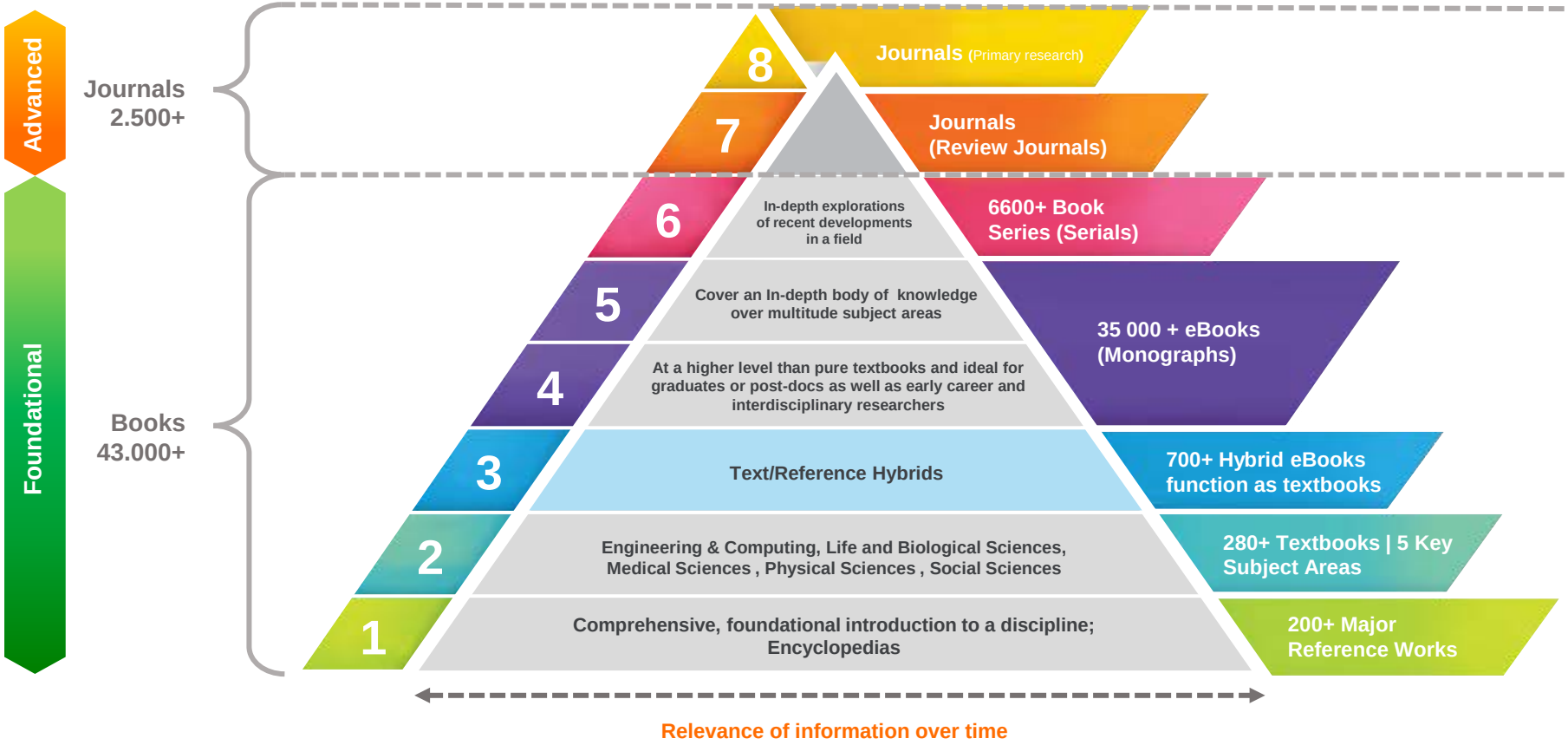
Albania, October 2022

Agenda:

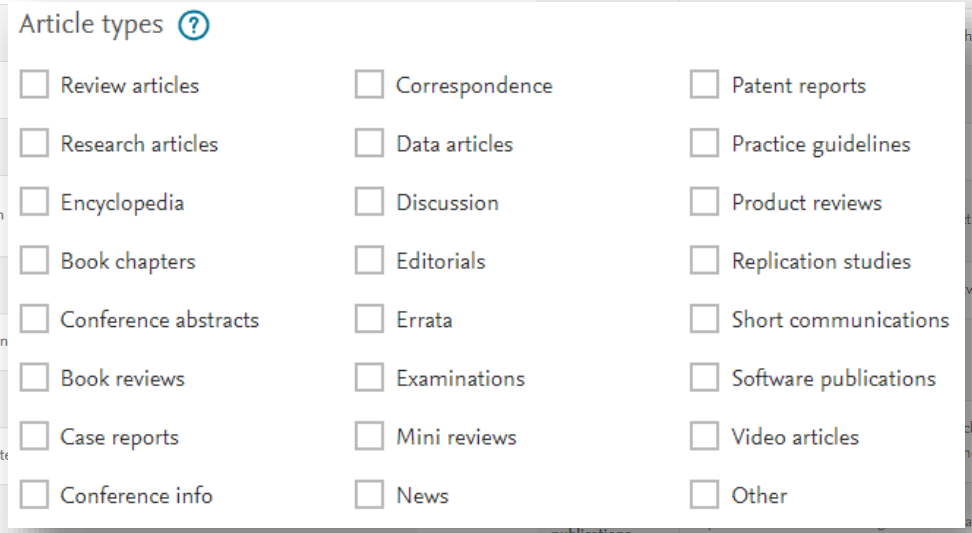
- How ScienceDirect can help in educational and scientific processes
- Topic Pages – game changer

ScienceDirect supports all stages of research and learning



What types of scholarly output are there?

Article type	Explanation
Review articles	Substantial overview of original research, usually with a comprehensive reference list. Note: Not a book review.
Research articles	Complete report on original research.
Encyclopedia	Elsevier major reference works.
Book chapters	Individual chapter of a book.
Conference abstracts	Abstract of a paper or oral presentation
Book reviews	A collection of book reviews.
Case reports	A detailed report of the symptoms, sign
Conference info	Information about a conference.
Correspondence	Letter to the editor or a reply to the lett
Data articles	Publication item describing data.
Discussion	Argumentative communication, like papers in a discussion, but also perspectives, commentaries, etc.



Editorials	From the editor of the publication.
Errata	Article in which errors are reported that were made in an earlier publication in the same journal.
Examinations	Examination or quiz, with questions and answers.
	h article.
	tive diagnosis or treatment of a medical condition.
	ware, hardware, medical products, etc.).
	ch, usually claiming certain results. Appear under many notes, notes, etc.
publications	a description of software.
Video articles	A publication item whose primary content is a video accompanied by a description of that video.

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https://service.elsevier.com/app/answers/detail/a_id/27955

Each channel of scholarly communication is related to a *certain focus* and *timeline*

early

late

- ✓ **Pre-print & Short communication –** early-stage reporting of a research idea or findings.

Reference: You are aware of current ideas, hypothesis, news.

- ✓ **Conference paper** – preliminary findings to be openly discussed with peers.

Reference: You are aware of research in progress.

- ✓ **Methods & Data paper** – in-depth and details description of research process and data.

Reference: You know the methods and data behind the research.

- ✓ **Research Article** – complete report of an original research.

Reference: You are aware of ongoing research of your peers.

- ✓ **Review –** substantial overview of original research, usually with a comprehensive reference list.

Reference: You can keep track of adjacent research areas.

- ✓ **Books –** comprehensive information on a particular research topic or subject area.

Reference: You have a full knowledge of a topic, including for review and teaching.

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Building knowledge should be seamless

ScienceDirect uniquely offers cross-links and advanced technology, enabling researchers to find relevant information at their point of need. The different content types work in harmony on ScienceDirect to deliver the best source of knowledge, no matter what research stage a user is at.

220+ Major Reference Works

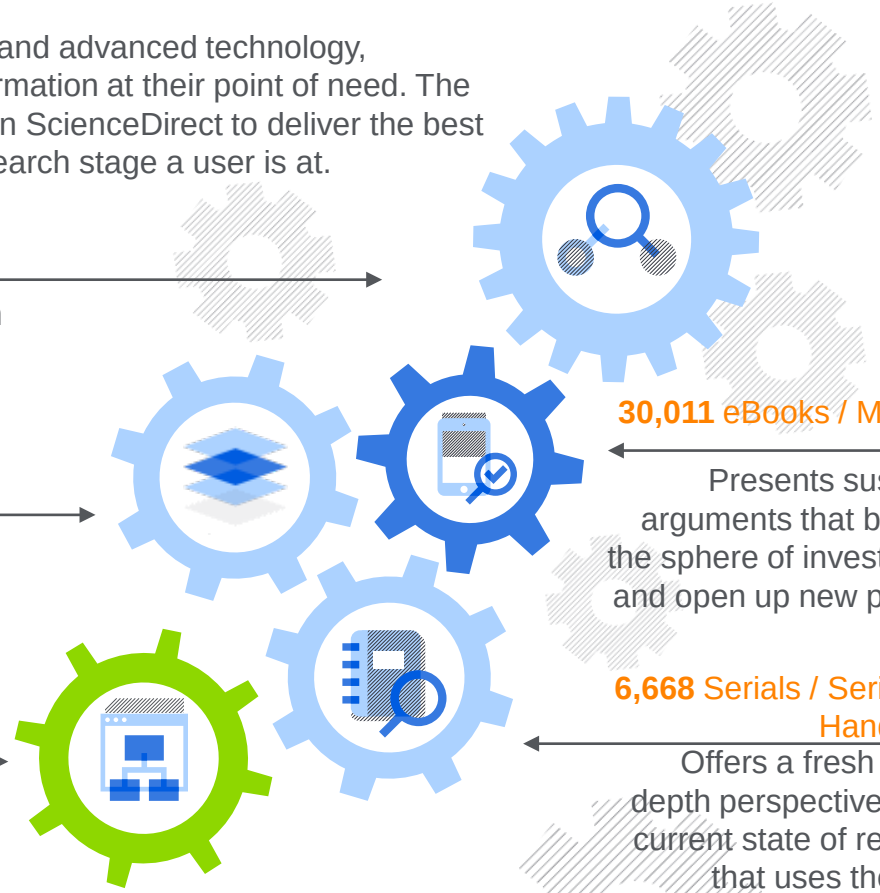
Provides foundational information that opens up a fundamental overview of the existing body of knowledge.

360,000 ScienceDirect Topics

Authoritative introductory overviews of topics to help researchers uncover critical and contextual information.

2,500 Journals

Brings new cutting-edge findings to your research.



30,011 eBooks / Monographs

Presents sustained arguments that broaden the sphere of investigation and open up new paths of inquiry.

6,668 Serials / Series and Handbooks

Offers a fresh and in-depth perspective on the current state of research that uses the latest scholarship.

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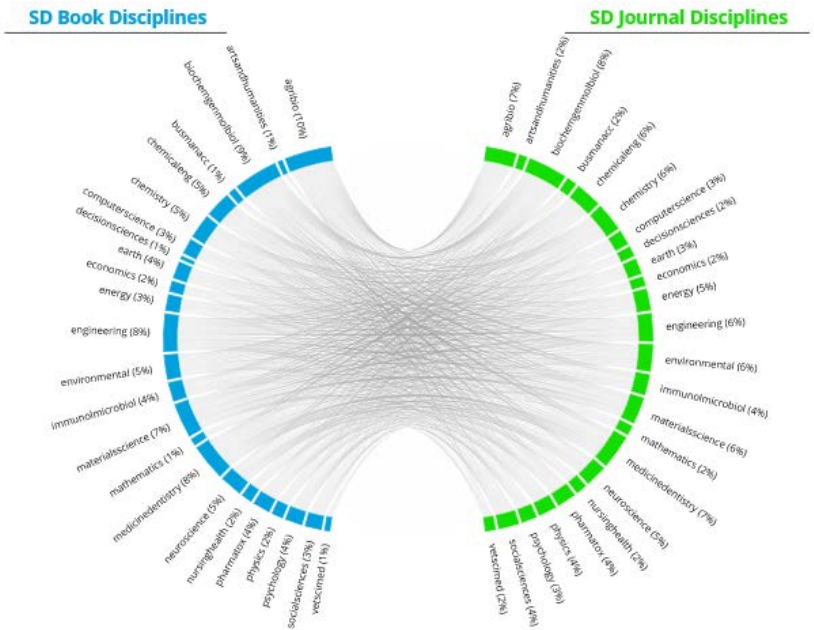
ScienceDirect is designed to meet the evolving needs of interdisciplinary researchers

78%

often do interdisciplinary research

90%

of surveyed users agree that in their work they benefit from using books and journals in the same search



6,3 million books and journals were used together on ScienceDirect in the same research session in 2021

…that is more than **528,000** times per month

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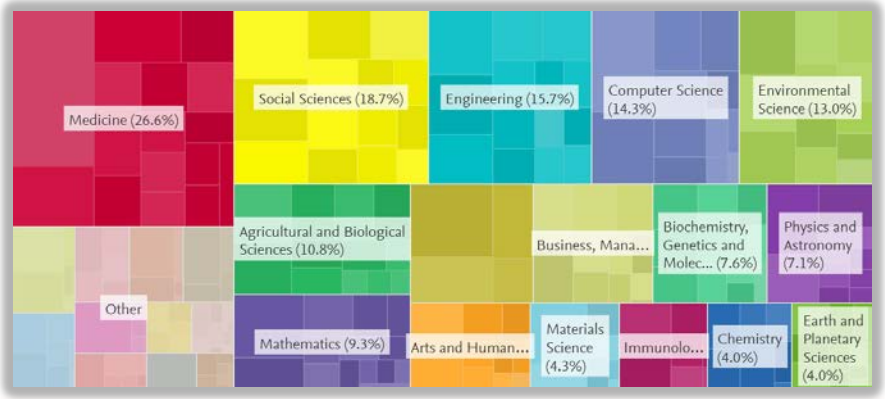
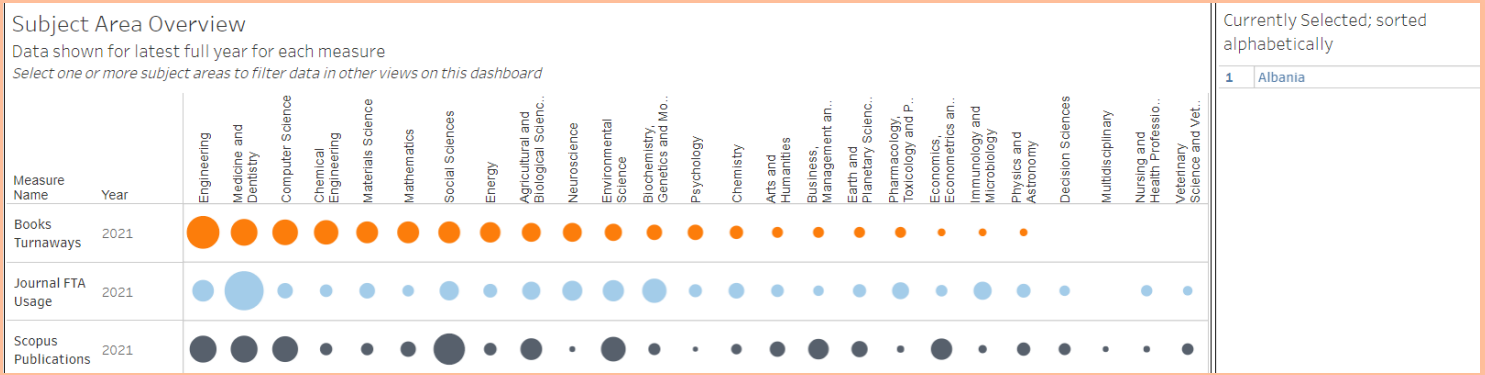
Source: TechValidate survey TVID: 39C-DC2-A29 & 9D4-230-2AD

Publications by Subject Area in Albania 2017 - 2022





Data for 2017-2022. Source: SciVal; GAP Analysis Tool

Topic Pages – Game Changer

Browse Topics

Search for a topic

Cryptocurrency

These pages provide concept definitions and subject overviews for researchers who want to expand their knowledge about scholarly and technical terms.

Each synopsis provides a series of short, authoritative, excerpts from highly relevant book chapters written by subject matter experts in the field.

These topic summaries are derived from Elsevier encyclopedias, reference works and books.

Results

Cryptocurrency *in Computer Science*

Cryptocurrency *in Economics, Econometrics and Finance*

Previous page 1 of 1 Next

All
A
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Cryptocurrency

CommunityCoin is a cryptocurrency designed for network communities, which features a mechanism of rewards based on the contribution and participation of community members.

From: Handbook of Digital Currency, 2015

Related terms:

Real Estate Sector, Volatility, Miners, Electronic Money, Crowdfunding, Virtual Currency, Bitcoin, Central Bank

View all Topics >

Legal Issues in Cryptocurrency

Vrajlal Sapovadia, in Handbook of Digital Currency, 2015

13.2.3 Tax incidences and stamp duty

Cryptocurrency is a currency and hence it is an asset. Therefore, cryptocurrency transactions are subject to tax like any other asset or currency. Cryptocurrency transaction may attract capital gain tax, income tax, transaction tax, and wealth tax. Even if cryptocurrency transaction is void and illegal, the tax law is empowered to charge taxes on such transactions. In March 2014, the Internal Revenue

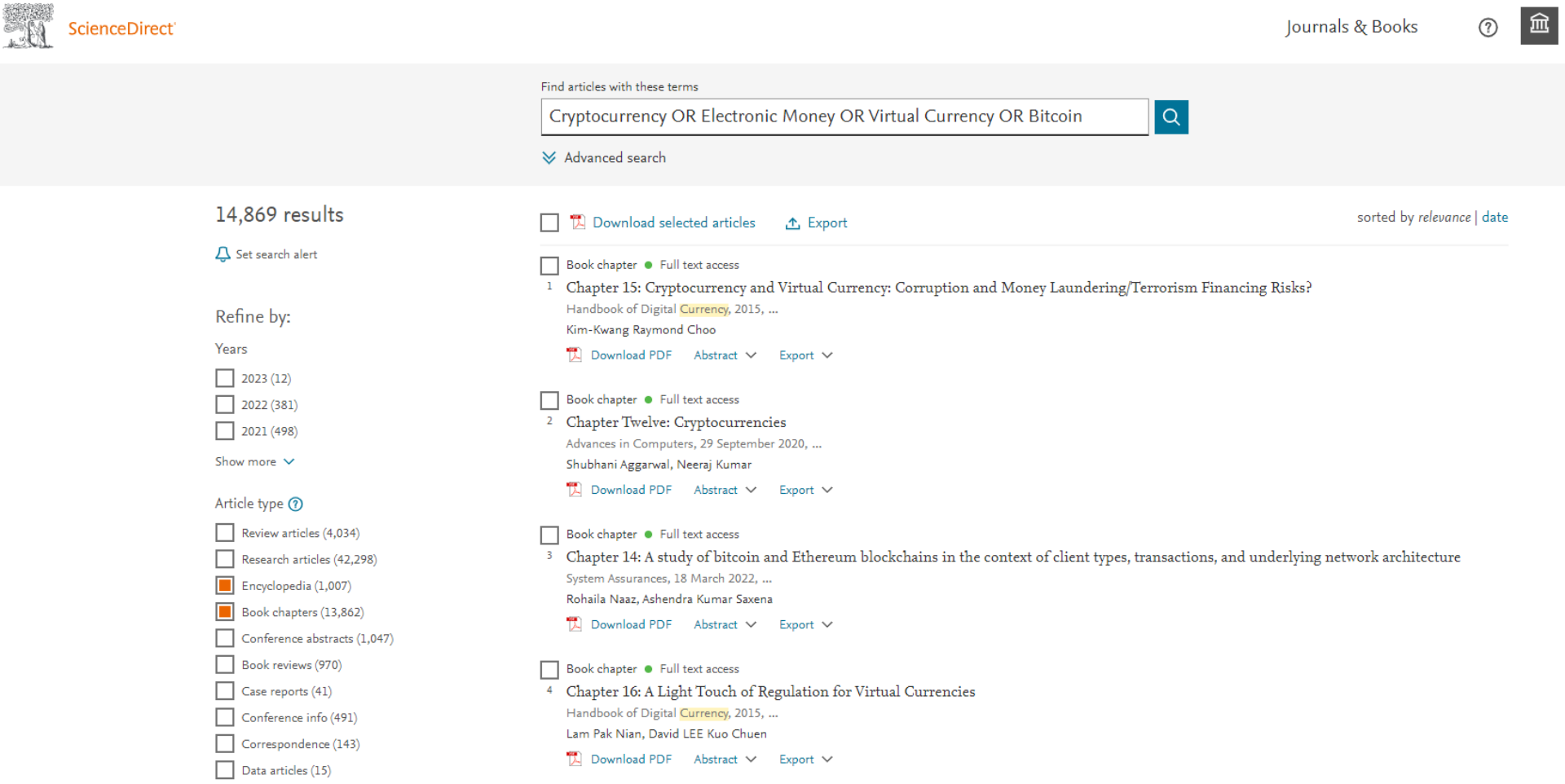
Legal Risks of Owning Cryptocurrencies

Kelvin F.K. Low, Ernie Teo, in Handbook of Blockchain, Digital Finance, and Inclusion, Volume 1, 2018

Abstract

Cryptocurrencies like Bitcoin have matured from being associated exclusively with techies and radicals to being considered by central banks as a technology to implement digital money. Cryptocurrencies exist only in digital form and can be transferred completely between digital addresses. This is both unlike conventional electronic money

Use new knowledge to discover literature



Use new knowledge to discover literature

ACADEMIC PRESS

Handbook of Digital Currency

Bitcoin, Innovation, Financial Instruments, and Big Data

2015, Pages 283-307

Chapter 15 - Cryptocurrency and Virtual Currency: Corruption and Money Laundering/Terrorism Financing Risks?

Kim-Kwang Raymond Choo

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https://doi.org/10.1016/B978-0-12-802117-0.00015-1

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Abstract

Individuals involved in bribery and corruption will constantly seek to exploit new areas and opportunities to offend and launder their corruption proceeds and evade the scrutiny of law enforcement and other government agencies. The broad objective of this chapter is to examine whether cryptocurrencies and other virtual methods are potential instruments for laundering corruption proceeds. First, we review 75 FATF and FATF-style regional bodies' mutual evaluation reports and identify compliance issues in areas that might afford exploitative opportunities for

Received suggestions for literature discovery

economics

Advanced search

Suggested publications:

View all

641,318 results

Set search alert

Refine by:

Years

- 2023 (40)
- 2022 (20,739)
- 2021 (39,621)

Show more

Article type

- Review articles (21,134)
- Research articles (420,173)
- Encyclopedia (6,996)
- Book chapters (37,595)

Show more

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sorted by *relevance* | date

Short communication · Full text access

1 A decade for the books: Bibliometric analysis of Economics Letters

Economics Letters, Available online 27 April 2022, ...

Tin Horvatinović, Marina Matošec

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Research article · Full text access

2 Complexity and aesthetics: How arts, sciences, and economics coevolve

Chaos, Solitons & Fractals, 2 March 2022, ...

J. Barkley Rosser

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Research article · Full text access

3 Racial and gender achievement gaps in an economics classroom

International Review of Economics Education, 26 February 2022, ...

Daria Bottan, Douglas McKee, ... Anna McDougall

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Suggested topics

Economics

in Economics, Econometrics and Finance

Use hyperlinks to co-use journals & books

3. The evolution of science and mathematics and their limits in esthetic complexity

The problem of shifts in schools of art resembles that of paradigm shifts in science, as Puu notes, bringing up Thomas Kuhn's *The Structure of Scientific Revolutions* [10] and his contrasting of "normal science" with the sudden profound shifts that happen when deep structures of understanding transform. He links this with the view of Schumpeter [8], who saw this conflict between periods of continuous and slow change with those moments when major changes happen, those discontinuities that can arise in nonlinear dynamical systems. So Schumpeter described those periods of what Kuhn later called normal science when they seem to reach a state of apparent perfection as "classical situations…like a Greek temple." Of course, Schumpeter like Kuhn understood that such situations would not and could not remain as they were. There are always loose ends and phenomena that resist explanation in the existing paradigm, and as troubling empirical data appears the pressure increases, which can bring down even the most apparently perfect of Greek temples, most of which are in ruins today, as new paradigms arise. Curiously, even the most perfect seeming of such temples had built into them imperfect details that added to their apparent perfection. Thus with the most famous of them all, the Parthenon in Athens, the columns are not perfectly straight, but vary in width as one moves up and down them, with this variation adding to the illusion from a distance of perfection.

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Dynamical Systems

Related terms:

Entropy, Theorems, Operators (Mathematics), Oscillators, Amplitudes, Oscillations, Bifurcation, Lyapunov Exponents

View all Topics

Singularity and Bifurcation Theory

J.-P. FrançoiseC. Piquet, in Encyclopedia of Mathematical Physics, 2006

Introduction

Dynamical systems first developed from the geometry of Newton's equations (see Goodstein and Goodstein (1997)) and the question of the stability of the solar system motivated further researches inspired by celestial mechanics (cf. Siegel and Moser (1971)). Then dynamical systems developed intensively from stability theory (Lyapunov's theory) to generic properties (based on functional analysis techniques,) hyperbolic structures (Anosov's flows, Smale axiom A) and to perturbation theory (Pugh's closing lemma, KAM theorem). There are many links with ergodic theory dating back to Birkhoff's ergodic theorem (motivated by Boltzmann–Gibbs contributions to thermodynamics). These aspects have been developed in several articles of the encyclopedia (*see* Generic Properties of Dynamical Systems; Ergodic Theory; Hyperbolic Dynamical Systems). This article develops another aspect of dynamical systems, namely bifurcation theory. In contrast, the mathematics involved relates more to local analytic geometry in the broad sense and provides local models like normal forms, uses blow-up techniques and asymptotic developments. This contains the singularity theory of functions (related to singularities of gradient flows). A recent development of the whole subject deals with bifurcation theory of fast-slow systems.

> Read full chapter

Elsevier Book Citation Impact - Global

11,953,139 Global publications between 2015-19 on Scopus

18% of those publications contain Book citations

16% of Book citations are from Elsevier Books

vs 6.3% Elsevier Scopus book content share

2.5
relative citation impact

Scopus data, 2015-19 publications measured

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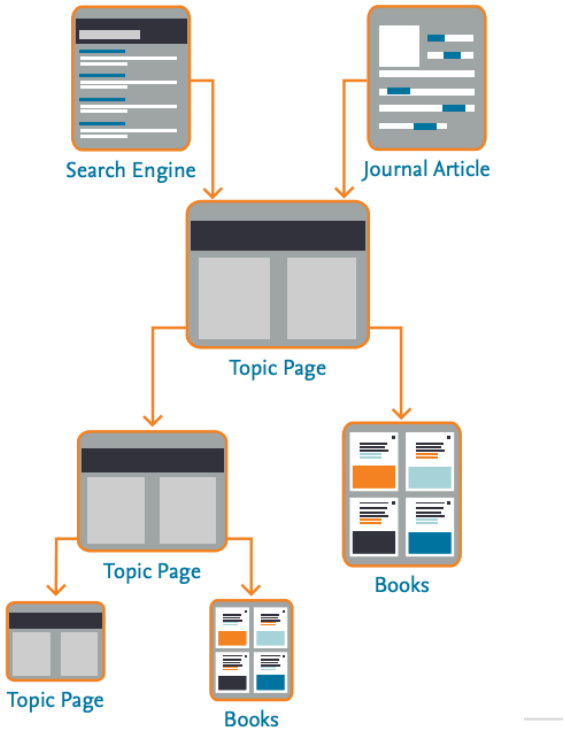
Novel Approach to Discovery to Help Users Find the Answers They Need

With ScienceDirect Topics, researchers and students

experience:

- Information at their fingertips
- Curated, relevant, accurate and peer-reviewed content
- A quick, clear path to discovery

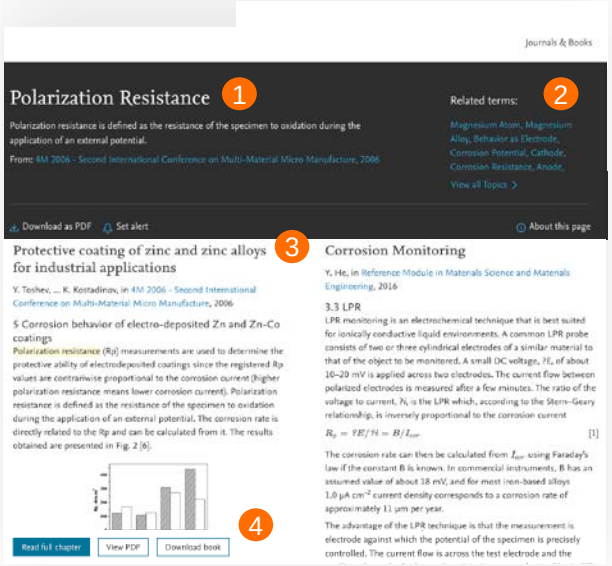
The frequent use of topic pages alongside journal articles demonstrates how essential it is for content to be available from a **mixture of resources** – journals, books and reference works – in order for your patrons to successfully conduct research, master their coursework, or plan their teaching materials.



Ideal for interdisciplinary researchers as well as students and lecturers to incorporate into courses

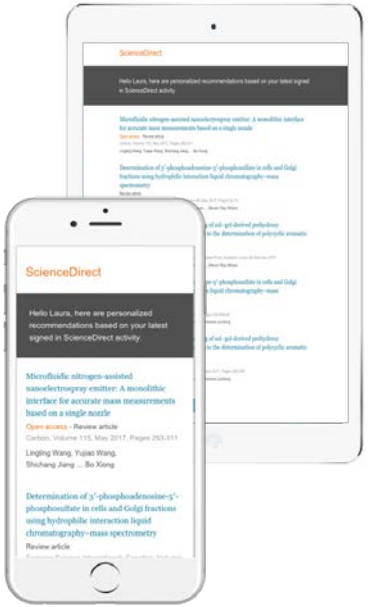
Why use ScienceDirect

Topic Pages



Co-usage

Available on different devices



High citation impact

16.5

Average number of citations per book – the highest in the industry

2.1*

Elsevier books have the highest *relative* citation impact among major book publishers in Scopus

Thank You

Helena Paczuska
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