

A complex network diagram consisting of numerous black dots (nodes) connected by thin black lines (edges), forming a dense web of connections. The nodes are scattered across the entire slide, with a higher concentration in the upper and lower portions. A large, solid green rectangular area is positioned in the center, containing the main title and event information.

Context as a Motor for Discovery

STM Digital Publishing, London, 05 December 2017
@Science_Open @SDawsonBerlin

Context shapes our perspective



Google Scholar



Articles Case law

Stand on the shoulders of giants

But if „search is the new journal“, can publishers exploit context in new ways?

A complex network diagram with numerous black nodes connected by thin grey lines, forming a dense web. The diagram is partially obscured by a large green rectangular area in the center of the slide.

Scholarly articles in context: ScienceOpen search/discovery platform

37 million research article records

17 million authors

25 thousand journals

Leveraging context for a better search experience

Narrow by collection

Ticks and tick-borne pathogens	2,939
Climate Change: Open Access	38
Coleoptera	3
Vector Biology	2
Zika Virus	2

Narrow by publisher

Public Library of Science	208
BioMed Central	140
Centers for Disease Control and Prevention	115
Elsevier BV	53
Frontiers Media S.A.	51

Narrow by journal

Infection and Immunity	391
Journal of Clinical Microbiology	191
Journal of Medical Entomology	182
The Journal of Infectious Diseases	135
Emerging Infectious Diseases	122

Search

New search X

Content Authors Collections Featured Journals Publishers

Lyme Disease

6,720 results

Add filter

Save search

Export as citations

Exact match

Sort by Altmetric score

Sort by Altmetric score

Sort by average rating

Sort by cited by count

Sort by date

Sort by view count

Sort by relevance

Search

RECORD ABSTRACT ARTICLE

County-Scale Distribution of *Ixodes scapularis* and *Ixodes pacificus* (Acari: Ixodidae) in the

Rebecca Eisen, Lars Eisen, Charles Beard (2016)

The blacklegged tick, *Ixodes scapularis* Say, is the primary vector to humans in the eastern United States of the *Babesia burgdorferi*, as well as causative agents of anaplasmosis and babesiosis. Its close relative in the far western United States,

7 views 0 recommend 12 1 ☆☆☆☆☆ 0

Altmetric 1,105

RECORD ABSTRACT ARTICLE

Digital Health: Tracking Physiomes and Activity Using Wearable Biosensors Reveals Useful Health-Related Information

Xiao-xiao Li, Jessilyn Dunn, Denis Salins, Zhi-Gao Zhou, Wenyu Zhou, 9 more... (2017)

A new wave of portable biosensors allows frequent measurement of health-related physiology. We investigated the use of these devices to monitor human physiological changes during various activities and their role in managing health and diagnosing and analyzing disease. By recording over 25

8 views 0 recommend 2 ☆☆☆☆☆ 0

Altmetric 927

RECORD ABSTRACT ARTICLE

Randomized Trial of Longer-Term Therapy for Symptoms Attributed to Lyme Disease

ScienceOpen Collections: flexible, community driven, searchable



The Science of Twitter

This collection tracks Open Access articles that explore all aspects of the microblogging platform Twitter. Topics include big data, linguistics, political science, economics, psychology, health education and scientific communication.

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726
articles

9.128
views

30.656
altmetric

0 reviews

14
recommends

20
shares

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followers

Narrow by collection

The Science of Facebook	19
Revista Latina de Comunicación Social	10
Digital Science	5
Zika Virus	4
Climate Change: Open Access	2

Narrow by publisher

Public Library of Science	78
IMIR Publications	34

Publications

Enter some words to filter items below

727 results

Add filter ▾

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Export as citations ▾

RECORD ABSTRACT ARTICLE 🔒

Strategies and Influence of Social Bots in a 2017 German state election - A case study on Twitter

Stefan Stieglitz, Florian Brachten, Annette Reimann, Katharina Kloppenborg, Lennart Hofeditz (2017)

As social media has permeated large parts of the population it simultaneously has become a way to reach many people. To efficiently reach those people is the application of automated computer programs that aim to simulate human behavior.

Sort by Altmetric score

Sort by average rating

Sort by cited by count

Sort by date

Sort by read count

Sort by relevance

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Search 🔍

One way
View more

Metadata is your motor, make the most of it!

Standard Metadata Fields

Article: DOI

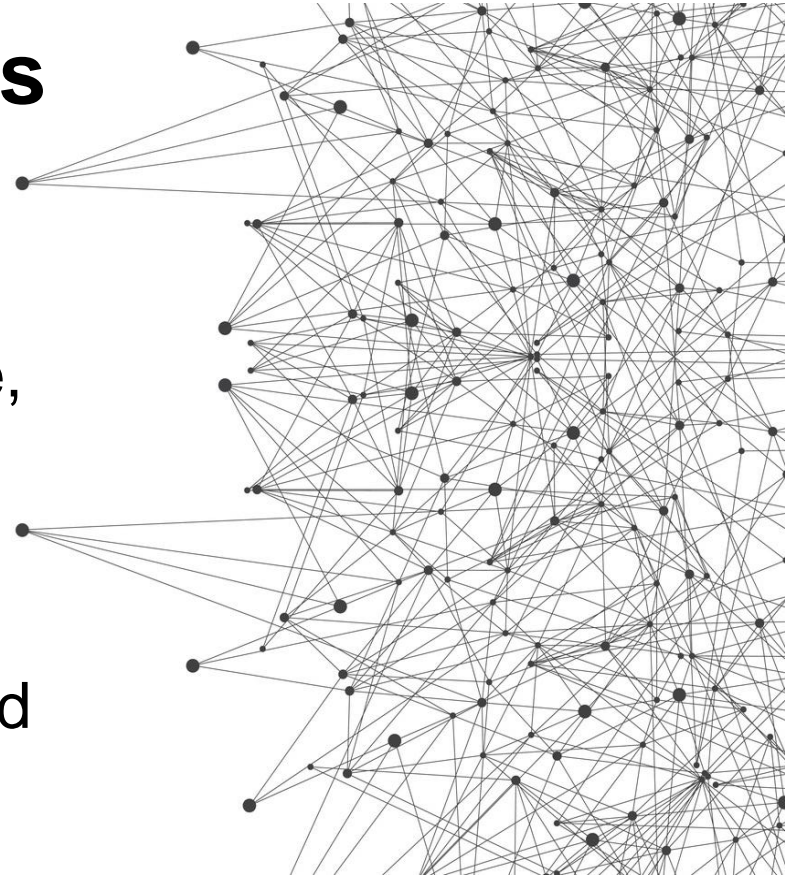
License: Machine-Readable

Author: ORCID ID, First/last name,
No abbreviations!

Affiliation: Ringgold, GRID

Funding body/Grant #: FundRef

Data: DOI Figshare, Zenodo, Dryad





Richer metadata means
better discovery

Example: Author tagging in Crossref

RECORD ABSTRACT ARTICLE

MYC-containing amplicons in acute myeloid leukemia: Genomic structures, evolution, and transcriptional consequences

Authors: A **Ábbate**, D Tolomeo, I Cifola, M Severgnini, A Turchiano, B Augello, G Squeo, P D'Addabbo, D Traversa, G Daniele, A Lonoce, M Pafundi, M Carella, O Palumbo, A Dolnik, D Muehlematter, J Schoumans, N Van Roy, G De Bellis, G Martinelli, G Meria, L Bullinger, C Haferlach, C T Storazzi

Publication date (Print): November 28 2017

Journal: Leukemia

Publisher: Springer Nature

DOI: 10.1038/leu.2017.337

```
author: [  
  - {  
    given: "A",  
    family: "Ábbate",  
    affiliation: [ ]  
  },  
  - {  
    given: "D",  
    family: "Tolomeo",  
    affiliation: [ ]  
  },  
  - {  
    given: "I",  
    family: "Cifola",  
    affiliation: [ ]  
  }  
]
```



Low quality metadata = poorer experience for authors

3
publications

2
views

0
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0
follows

0
followers

0
edited collections

0
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I Cifola

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Publications

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





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Chronic Resveratrol Treatment Ameliorates Cell Adhesion and Mitigates the Inflammatory Phenotype in Senescent Human Fibroblasts

V Pitozzi, A Mocali, A Laurenzana, E Giannoni, I Cifola, 4 more... (2013)





 0 views  0 recommend  1  0


 1

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MYC-containing amplicons in acute myeloid leukemia: Genomic structures, evolution, and transcriptional consequences

M Carella, M Pafundi, A Lonoce, G Daniele, D Traversa, 19 more... (2017)

 2 views  0 recommend  0  0

 1

[RECORD](#) [ABSTRACT](#) [ARTICLE](#)

With better author meta data: Sort publications by citations, Altmetric score, usage, date

18
publications

309
views

0
reviews

0
follows

0
followers

0
edited collections

0
followed collections

Narrow by publisher

BioMed Central	4
Public Library of Science	3
Elsevier BV	2
Impact Journals LLC	2
Oxford University Press	2

Narrow by journal

PLoS ONE	3
Nucleic Acids Research	2
Oncotarget	2
The American Journal of Pathology	2

Narrow by discipline

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Medicine	4
Oncology & Radiotherapy	4

Narrow by keyword



Ingrid Cifola

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Publications

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18 results [Add filter](#) [Save search](#) [Export as citations](#)

[RECORD](#) [ABSTRACT](#) [ARTICLE](#)

EXCAVATOR: detecting copy number variants from whole-exome sequencing data

Alberto Magi, Lorenzo Tattini, Ingrid Cifola, Romina D'Aurizio, Matteo Benelli, 12 more... (2013)

We developed a novel software tool, EXCAVATOR, for the detection of copy number variants (CNVs) from whole-exome sequencing data. EXCAVATOR combines a three-step normalization procedure with a novel heterogeneous hidden Markov model.

66 views 0 recommend 43 0

Sort by Altmetric score ▾

Sort by Altmetric score

Sort by average rating

Sort by cited by count

Sort by date

Sort by view count

Sort by relevance

Exact match

Altmetric 22

[RECORD](#) [ABSTRACT](#) [ARTICLE](#)

Major Action of Endogenous Lysyl Oxidase in Clear Cell Renal Cell Carcinoma Progression and Collagen Stiffness Revealed by Primary Cell Cultures.

Vitalba Di Stefano, Barbara Torsello, Cristina Bianchi, Ingrid Cifola, Eleonora Mangano, 10 more... (2016)

Human clear cell renal cell carcinoma (ccRCC) is therapy resistant; therefore, it is worthwhile studying in depth the molecular aspects of its progression. In ccRCC the biallelic inactivation of the VHL gene leads to stabilization of hypoxia-inducible factors (HIFs). Among the targets of HIF-1 α transcription factors, the

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Coleoptera	3
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Zika Virus	2

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BioMed Central	140
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Elsevier BV	51
Frontiers Media S.A.	50

Narrow by journal

Infection and Immunity	391
Journal of Clinical Microbiology	190
Journal of Medical Entomology	176
The Journal of Infectious Diseases	134
Emerging Infectious Diseases	122

Narrow by discipline

Search

New search 

Content Authors Collections Featured Journals Publishers

Lyme Disease

Exact match

6,659 results

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Search 

Title
Abstract
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Journal name
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Publication date range

Collection
Content type
Record type
Source
Discipline

Open Access

Affiliation
Validation

RECORD


Abstract

Genomic sequence

Thomas C M Fras

The genome of

17 linear and c

 34 views

RECORD

Abstract

Factors in the

S. S. Morse (199

"Emerging" infe

or geographic

 31 views

RECORD

Abstract





Impacts of b


Andrew Dobson,

haete, *Borrelia burgdorferi*.

33 more... (1997)

1, the aetiologic agent of Lyme disease, contains a linear chromosome of 910,725 base pairs and at least of more than 533,000 base pairs. The chromosome contains 853 genes encoding a basic [Show more](#)





    0


 Altmetric: 38

Publication date in the last

ses.

ctions that have newly appeared in a population or have existed but are rapidly increasing in incidence /AIDS, hantavirus pulmonary syndrome, Lyme disease, and hemolytic uremic syndrome [Show more](#)

    0

 Altmetric: 54

Indexed on ScienceOpen in the last

and transmission of infectious diseases.

rs, R Holt, 8 more... (2010)



Citation-tracking on ScienceOpen

Sort reference lists by citation and more

Narrow by collection

The Science of Twitter 2

Narrow by publisher

Public Library of Science 3

Narrow by journal

PLoS ONE 3

Narrow by discipline

Uncategorized 8

Chemistry 3

Medicine 2

Narrow by keyword

Humans 3

Adolescent 2

Adult 2

Emotions 2

Female 2

Predicting age groups of Twitter users based on language and metadata features
References

New search

Enter some words to filter items below

15 results Add filter Save search Export as citations

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Exact match

Search

RECORD ABSTRACT ARTICLE

Emerging adulthood. A theory of development from the late teens through the twenties.

J Arnett (2000)

Emerging adulthood is proposed as a new conception of development for the period from the late teens through the twenties, with a focus on ages 18-25. A theoretical background is presented. Then evidence is provided to support the idea that emerging adulthood is a distinct period demograph

7 views 0 recommend 279 0

Altmetric 6

RECORD ABSTRACT ARTICLE

Psychological aspects of natural language. use: our words, our selves.

James Pennebaker, Matthias Mehl, Kate G Niederhoffer (2002)

The words people use in their daily lives can reveal important aspects of their social and psychological worlds. With advances in computer technology, text analysis allows researchers to reliably and quickly assess features of what people say as well as subtleties in their linguistic styles. Following a

3 views 0 recommend 45 0

Altmetric 92

RECORD ABSTRACT ARTICLE



More metadata!

Preprints

DOI? Crossref or others?

Open Peer Review

For Preprint or Postprint?

Portable? License?

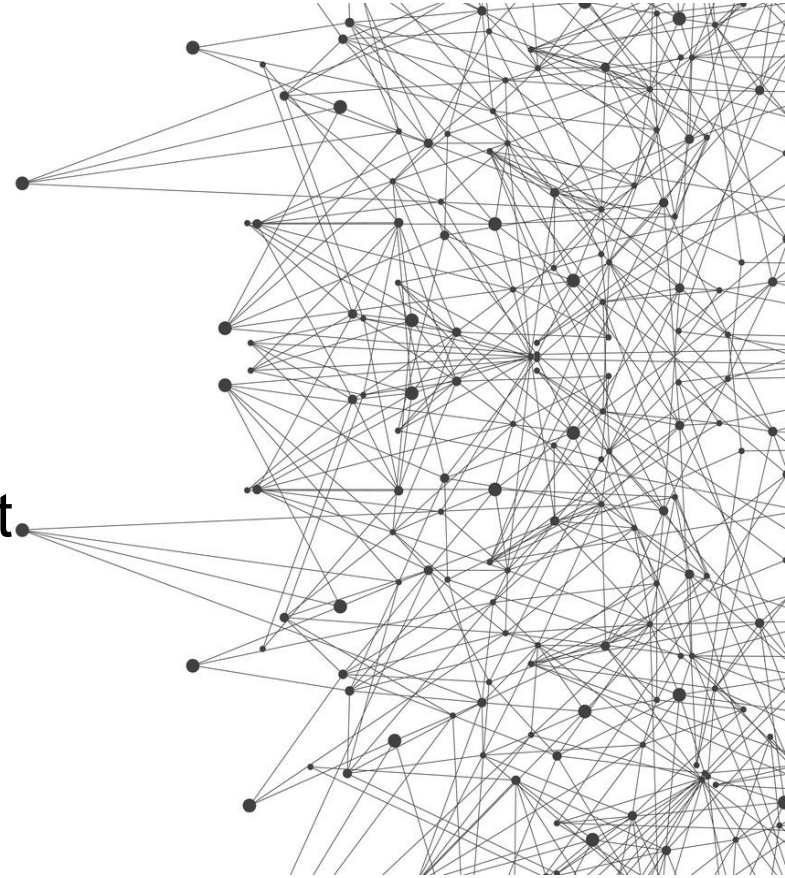
Versioning

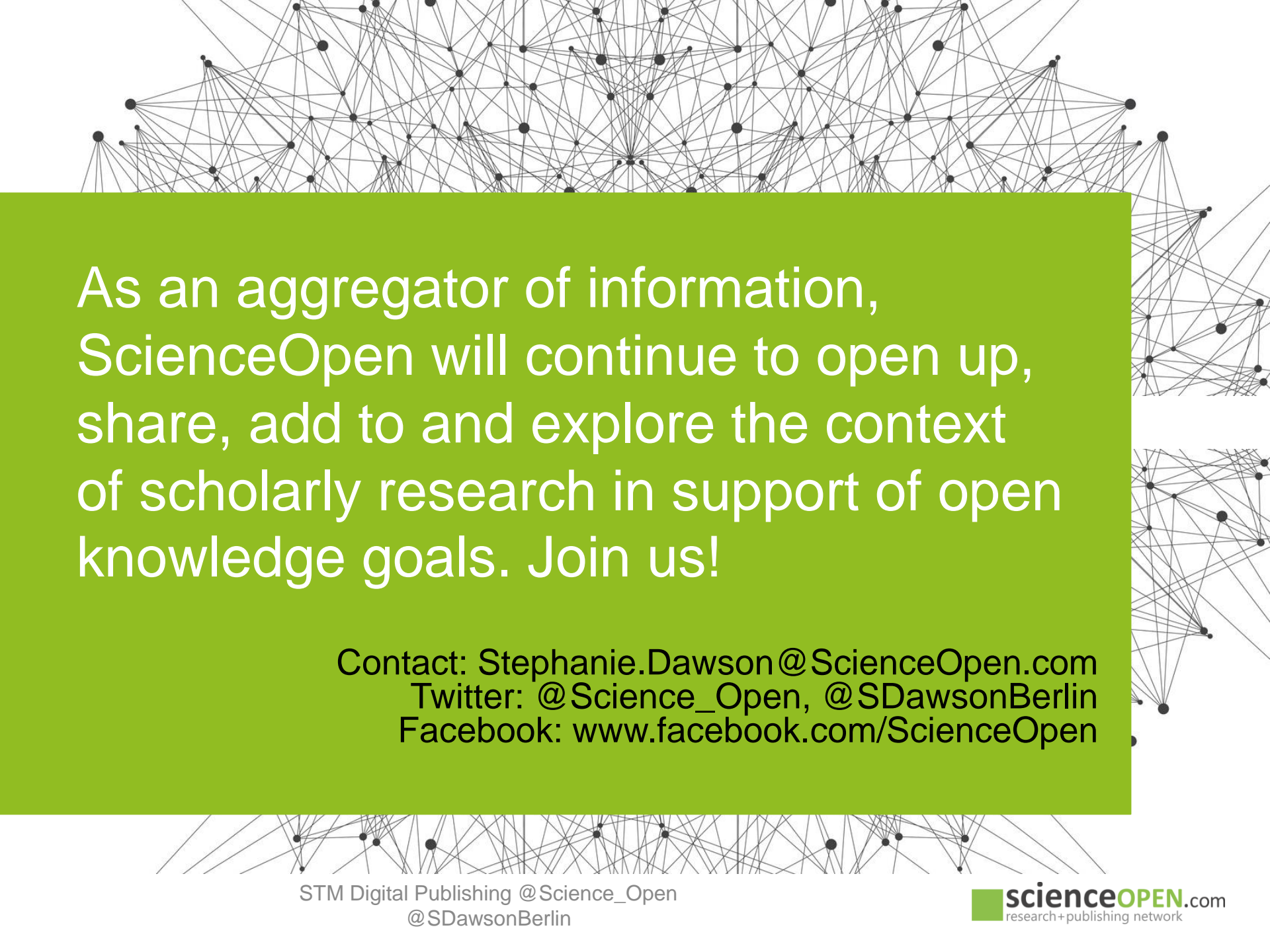
With Crossref DOI? As Preprint.
or published article?

Metrics

Altmetric score for Preprint?

Usage statistics?



A complex network diagram consisting of numerous black dots (nodes) connected by thin, grey lines (edges). The nodes are scattered across the top and bottom of the slide, with a dense concentration in the upper half. The lines form a web-like structure, representing interconnected information or research.

As an aggregator of information,
ScienceOpen will continue to open up,
share, add to and explore the context
of scholarly research in support of open
knowledge goals. Join us!

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