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Adriana FILIP Solutions Consultant EMEA

lanuarie 2020



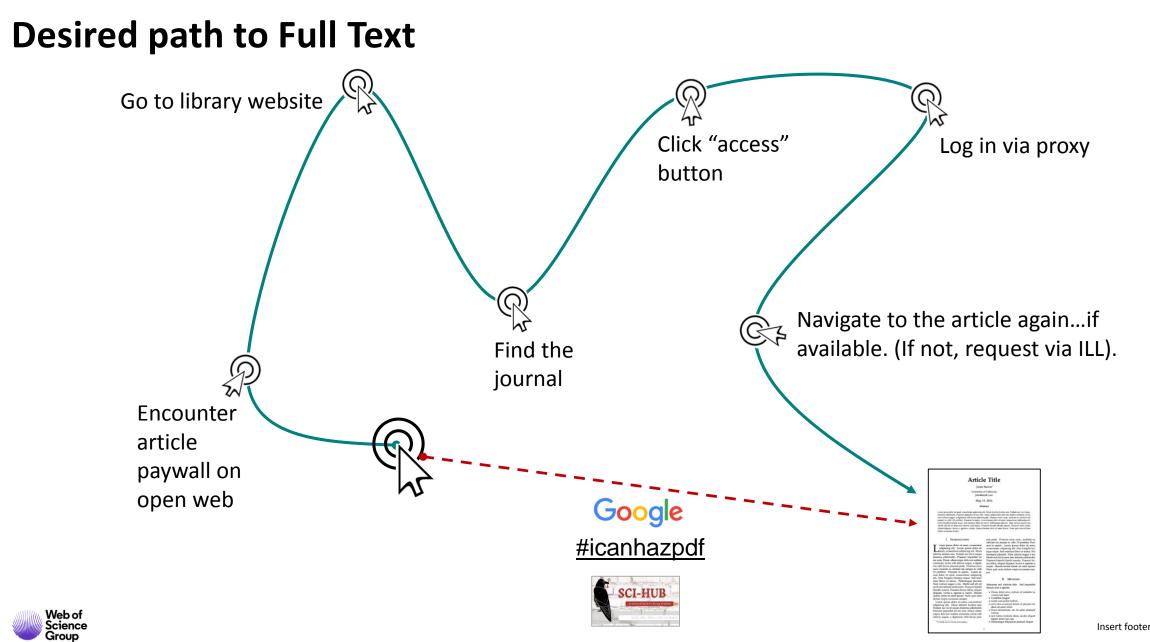


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What is Kopernio?

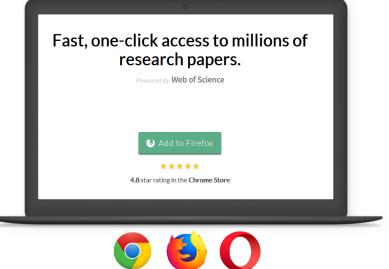
A browser plugin that finds the best available PDF of an academic article while you browse.

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What is Kopernio?



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Web of Science

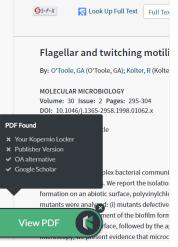
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Web of Science



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Kopernio Goals

- "Access to sources, not the discovery of sources, is the concern of informationseekers.
- People lack patience to wade through content silos...They expect seamless access to resources [and] will readily sacrifice content for convenience."



Provide researchers with access to full text that integrates into their existing workflows— make access part of discovery, as opposed to a separate task.

- Increase the reach and impact of library subscriptions by bringing them to the researchers, where they need them.
- Make library budgets go further by adding free alternatives where no subscriptions are available.





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Fibre Optic Sensors for Structural Health Monitoring of <mark>Aircraft</mark> Composite Structures: Recent Advances and Applications

By: Di Sante, R (Di Sante, Raffaella) View Web of Science ResearcherID and ORCID

UPEN URL LINKS

SENSORS Volume: 15 Issue: 8 Pages: 18666-18713 DOI: 10.3390/s150818666 Published: AUG 2015 Document Type: Review View Journal Impact

Abstract

In-service structural health monitoring of composite aircraft structures plays a key role in the assessment of their performance and integrity. In recent years, Fibre Optic Sensors (FOS) have proved to be a potentially excellent technique for real-time in-situ monitoring of these structures due to their numerous advantages, such as immunity to electromagnetic interference, small size, light weight, durability, and high bandwidth, which allows a great number of sensors to operate in the same system, and the possibility to be integrated within the material. However, more effort is still needed to bring the technology to a fully mature readiness level. In this paper, recent research and applications in structural health monitoring of composite aircraft structures using FOS have been critically reviewed, considering both the multi-point and distributed sensing techniques.

Keywords

Author Keywords: fibre optic sensors; fibre Bragg gratings; Brillouin scattering; Rayleigh scattering; lamb waves; structural health monitoring; composite materials; smart structures; aerospace; aircraft

KeyWords Plus: BRAGG GRATING SENSORS; BRILLOUIN GAIN SPECTRUM; EMBEDDED FBG SENSOR; DAMAGE DETECTION; SPATIAL-RESOLUTION; RECENT PROGRESS; DISTRIBUTED TEMPERATURE; WAVELENGTH INTERROGATOR; QUANTITATIVE-EVALUATION; STRAIN-MEASUREMENTS

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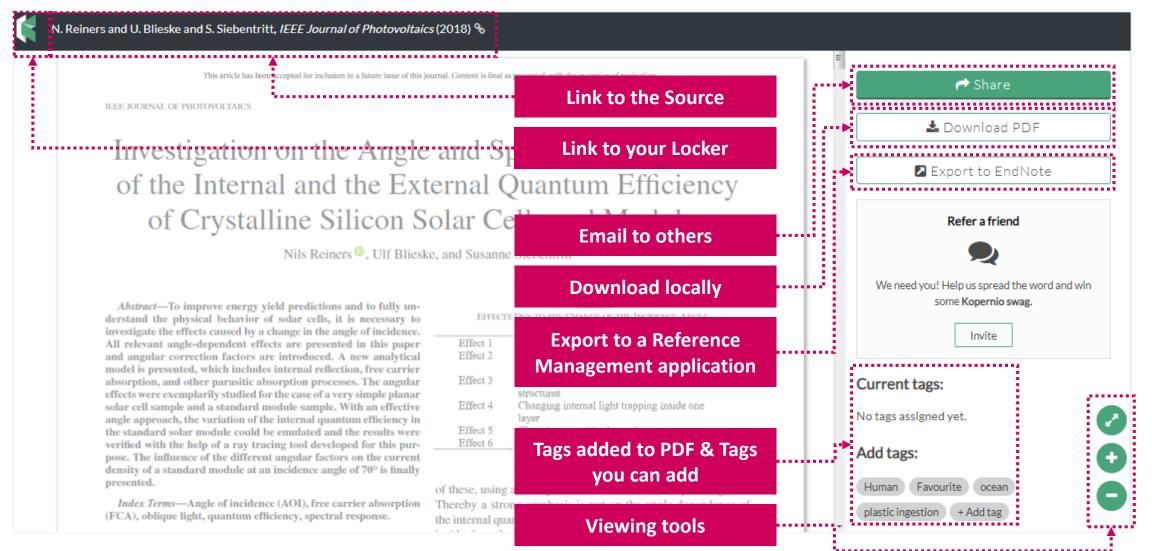
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Zhang, Jing; AJ, Aleyu; Tang, Lingyu; et al. LPV Model-Based Multivariable Indirect Adaptive Control of Damaged Asymmetric Aircraft. JOURNAL OF AEROSPACE ENGINEERING (2019) Tsai, Jung-Ting; Dustin, Joshua S.; Mansson, Jan-Anders.

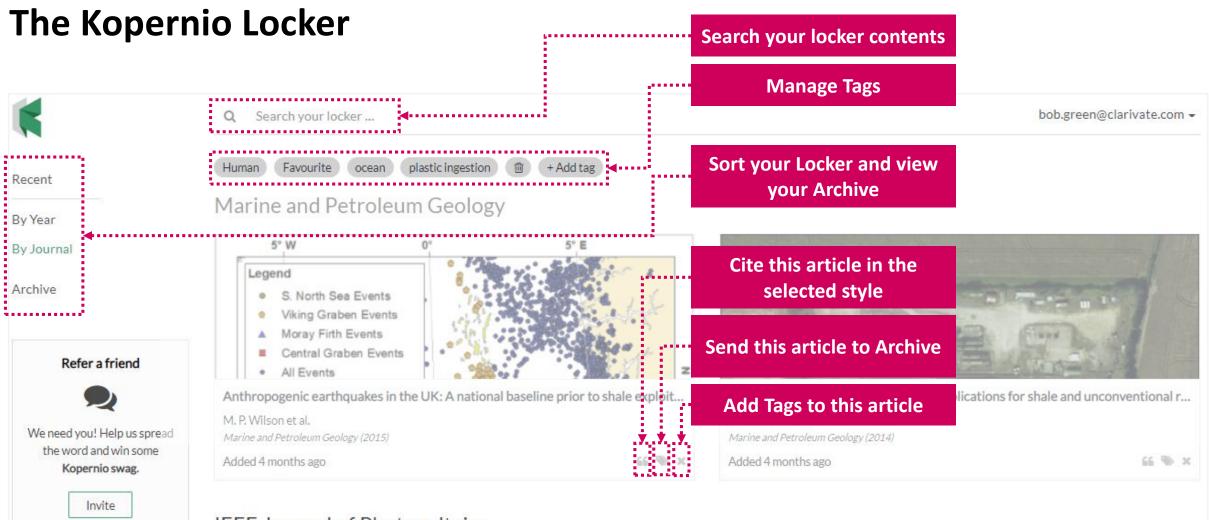
Cure strain monitoring in composite laminates with distributed optical sensor. COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING (2019)

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IEEE Journal of Photovoltaics



Some misconceptions about Kopernio

Misconception	Reality
"Kopernio and Clarivate are acquiring user credentials."	 The Kopernio plugin encrypts and stores your credentials within your browser in order to help you authenticate. The credentials never touch Kopernio's servers.
Kopernio "can't be shut off once installed, with the user's only option to uninstall it if you don't want it surveilling you."	 You can disable Kopernio by going into the settings/extensions menu in your browser. Kopernio only works on a "whitelist" of academic websites, where it can transparently deliver value to the end user by adding a PDF shortcut link to the page. Kopernio is not interested in, or even aware of, any non-academic websites you browse (e.g. news, email, YouTube, etc.).
"Kopernio sources articles from controversial venues, including ResearchGate and Academia.edu."	 Typically, fewer than 1% of the PDFs Kopernio delivers are sourced from ResearchGate and Academia.edu. 80% of the PDFs Kopernio delivers come from publishers directly. 4% come from preprint repositories, and 3% come from PubMed Central. Just like Google Scholar, when Kopernio activates on Research Gate and Academia.edu, it mostly delivers the version of record from publisher websites to the user.

Nouțăti

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The Charleston Advisor Readers' Choice Awards* 2019

https://www.ingentaconnect.com/content/charle ston/chadv/2019/00000021/0000002/art00001

• Best New Product/Service - Kopernio

• Most Improved Product - Web of Science

*The Charleston Advisor is a peer-reviewed publication with critical reviews of web products for informational professionals.

The Charleston Advisor is now in volume 21, and for the eighteenth consecutive year the journal is sponsoring a series of awards for the best and sometimes most problematic digital products of interest to libraries. The awards are not necessarily limited to services reviewed by *TCA*, but *TCA* reviews (if available) were consulted in the final consideration. These awards are published on an annual basis. Members of the editorial board made the final selections in a September 2019 conference call. Awards are given in a group of standard categories with occasional special one-time categories added as needed.

Best New Product/Service

Inspec Analytics This free add-on to subscribers of the Inspec database on the IET platform (Institution of Engineering and Technology) allows researchers to discover patterns in engineering literature to identify emerging trends and hot topics for research. "We've used semantic technology to connect each element of the literature indexed in our Inspec database, e.g., author, organisation, publication, date, subject keywords etc. to create the Inspec knowledge graph." This is a wonderful analytics tool for multidisciplinary collaboration as well as those working in focused fields. https://inspec-analytics.theiet.org/>

Kopernio As a relatively new product from Clarivate Analytics it provides an important service to make access more seamless by storing your library access credentials in your browser. When using various academic databases "Kopernio searches for full text PDFs and give you one-click access." Kopernio acts as an integrated access tool for licensed and open access content. It replaces, in a significant way, those almost timeless methods of IP access or user ID/password authentication. No doubt others will follow. Kopernio is out of the gate first and thus a best new product. It is free to Web of Science subscribers or can be purchased by others. https://kopernio.com/

Most Improved Product

Web of Science Clarivate Analytics has made enormous improvements over the past few years in this widely used product by academic libraries. It is widely respected as an independent indexing service with deep coverage across disciplines and has added new emergent literature, open access indicators, and other features of significant interest to academics. <https://clarivate.com/webofsciencegroup/solutions/web-of-science/>



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Quicksilver: Fast predictive image registration - A deep learning approach By: Yang, X (Yang, Xiao) ^[1] ; Kwitt, R (Kwitt, Roland) ^[4] ; Styner, M (Styner, Martin) ^[1,3] ; Niethammer, M (Niethammer, Marc) ^[1,2] NEUROIMAGE Volume: 158 Pages: 378-396 DOI: 10.1016/j.neuroimage.2017.07.008 Published: SEP 2017 Document Type: Article View Journal Impact	Citation Network In Web of Science Core Collection 15 Times Cited Create Citation Alert
Abstract This paper introduces Quicksilver, a fast deformable image registration method. Quicksilver registration for image-pairs works by patch-wise prediction of a deformation model based directly on image appearance. A deep encoder-decoder network is used as the prediction model. While the prediction strategy is general, we focus on predictions for the Large Deformation Diffeomorphic Metric Mapping (LDDMM) model. Specifically, we predict the momentum-parameterization of LDDMM, which facilitates a patch-wise prediction strategy while maintaining the theoretical properties of	All Times Cited Counts 15 in All Databases See more counts

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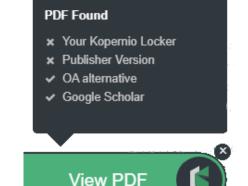
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Web of Science Kopernio Institutional Dashboard

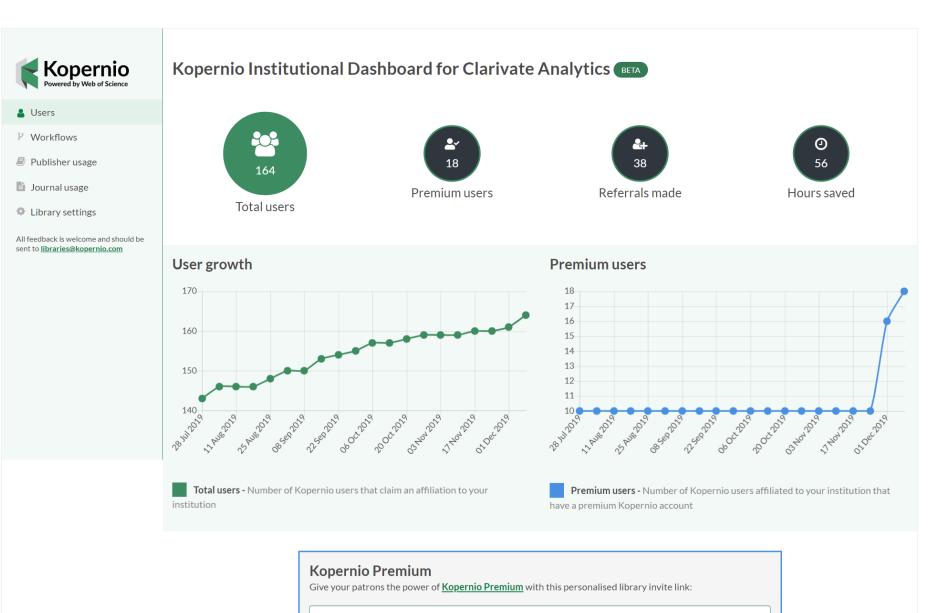
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- Extensive usage analytics enhanced with WoS data sets
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Usage by Discipline

The visualization will display the discipline and percentage when hovered over.

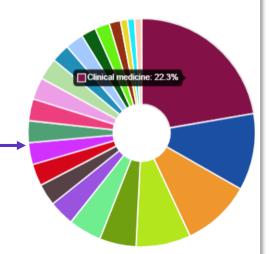
The table shows a breakdown of articles retrieved by users based on the 22 ESI disciplines.

Kopernio usage by discipline

PDF views broken down by <u>Essential Science indicators (ESI) data</u> provided by Web of Science.

Only articles published in ESI journals are covered here (75.1% of the total views).

Discipline	PDF view events
Clinical medicine	22.3%
Multidisciplinary	10.9%
Social sciences, general	9.8%
Molecular biology & genetics	7.8%
Geosciences	5.2%
Chemistry	4.7%
Environment/ecology	3.6%
Economics & business	3.1%
Pharmacology & toxicology	3.1%
Immunology	3.1%
Physics	3.1%
Biology & biochemistry	3.1%
Microbiology	3.1%



Web of Science Kopernio Institutional Dashboard

Library Settings

	Library settings for Clarivate Analy	TICS BETA		
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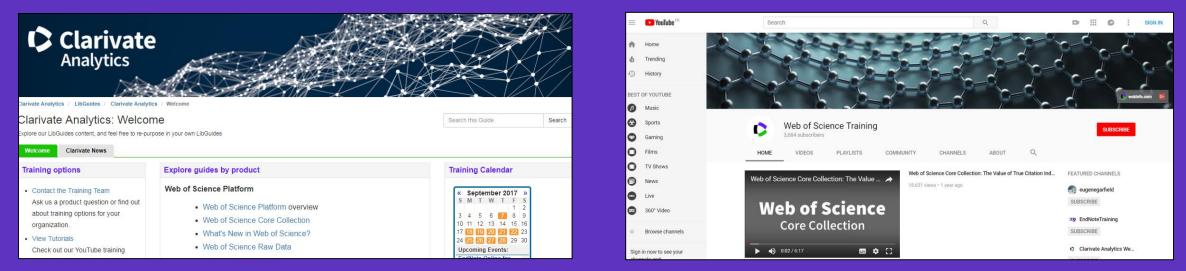


More resources

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