

What's new in Dimensions?

Cross content analysis - Analyse, export and filter Dimensions' linked documents

Release version: 3.50

Millions of items in Dimensions are linked to other items from different document types, e.g. a publication can reference publications and can be cited by other publications, the publication can also be supported by grants, reference clinical trials and can be used by clinical trials, and can be cited by patents or policy documents. These links are available on a publication's details page ([example](#)) - but previously it was not easy to further analyze these linked items. This is now possible and you can easily get the linked documents on a result list where you can apply filters as well as aggregate, analyse, export the data.

How does it work?

You will see a "Show all" link on details pages next to the section with the linked documents. This link opens all linked documents as a result list where you can easily aggregate, export and analyse the data, or apply further filters. There are only a few sections where we usually expect only one linked item which don't support this linkout, such as the link from the published version of an article to the preprint version. See the table below for an overview of all sections which have this new linkout.

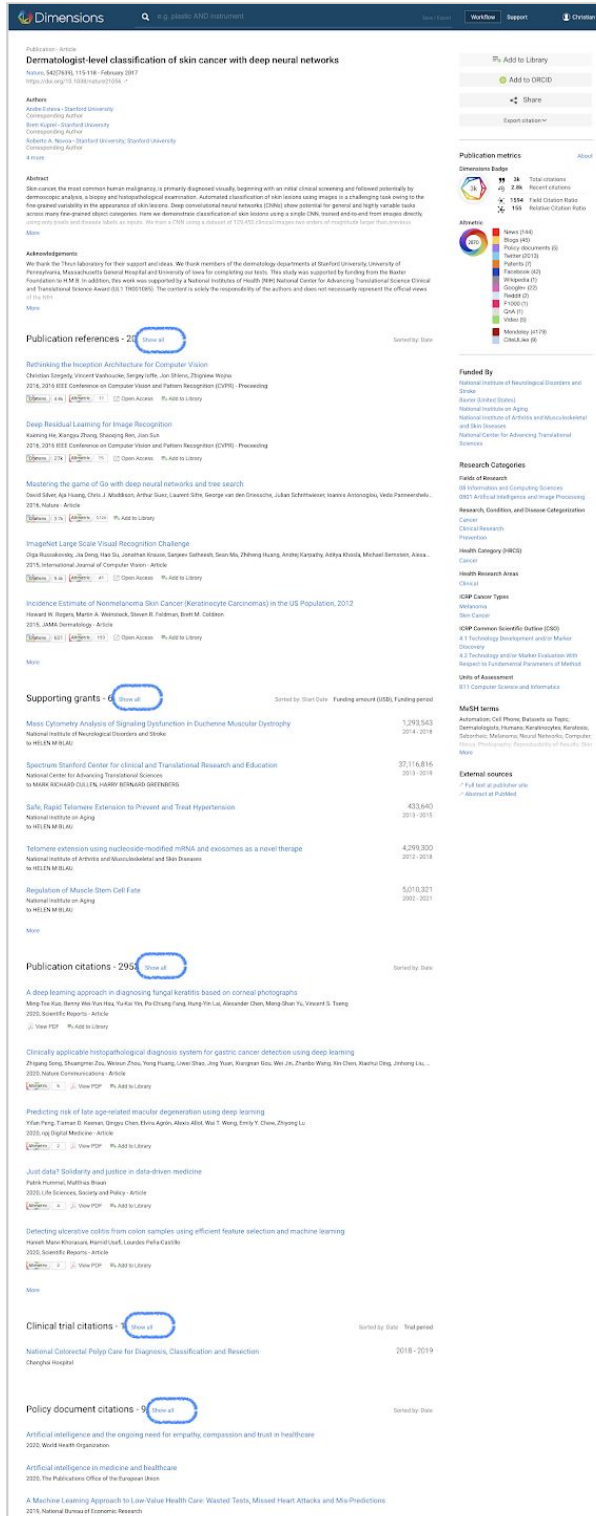
The "Show all" link is available when the respective content type is enabled for your account.

WHAT'S NEW IN DIMENSIONS?

Details page	Linkages with “Show all”
Publications	<ul style="list-style-type: none"> Publication references Publication citations Book chapters Associated datasets Supporting grants Patent citations Clinical trial references Clinical trial citations Policy document citations
Grant	<ul style="list-style-type: none"> Resulting publications Resulting patents Resulting clinical trials
Patent	<ul style="list-style-type: none"> Publication references Supporting grants Patent citations Patent references Patent family members
Clinical trials	<ul style="list-style-type: none"> Publication references Publication citations Supporting grants
Policy documents	<ul style="list-style-type: none"> Publication references

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Example (<https://app.dimensions.ai/details/publication/pub.1074217286>)



The screenshot displays the Dimensions app interface for a specific publication. The main content area shows the publication title, authors, abstract, and a list of references. On the right side, there is a sidebar with various metrics and categories. The 'Publication metrics' section includes a 'Dimensions badge' and a 'Research categories' list. The 'Supporting grants' section is also visible, listing various funding sources and their amounts.

Publication: Article
Dermatologist-level classification of skin cancer with deep neural networks
 NATURE, 542(7631), 115-118, February 2017
<https://doi.org/10.1038/nature20101>

Authors:
 Andre Esteva - Stanford University
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 4 more

Abstract:
 Skin cancer, the most common human malignancy, is primarily diagnosed visually, beginning with an initial clinical screening and followed potentially by dermatoscopic analysis, a binary and histopathological examination. Automated classification of skin lesions using images is a challenging task owing to the frequent variability in the appearance of skin lesions. Deep convolutional neural networks (DCNN) show potential for general and highly variable tasks across many fine-grained object categories. Here we demonstrate classification of skin lesions using a simple DCNN, trained end-to-end from images directly compared across independent ability to identify the lesion (DCNN) using a pipeline of 15.5 (20) deep convolutional layers of unconvoluted layer (unconvoluted).

Publication references - 24 (Show all) Sort by: Relevance

Supporting grants - 6 (Show all) Sorted by: Start Date Funding amount (USD) Funding period

Publication citations - 2955 (Show all) Sort by: Date Total period

Clinical trial citations - 1 (Show all) Sort by: Date Total period

Policy document citations - 9 (Show all) Sort by: Date

Publication metrics:
 Dimensions badge: 15, 28, 2.8K, 1544, 188
 Research categories: 15, 28, 2.8K, 1544, 188

Supporting grants table:

Grant Title	Funding amount (USD)	Funding period
Miss Cytosine Analysis of Signaling Dysfunction in Duchenne Muscular Dystrophy	1,293,543	2014 - 2019
National Institute of Neurological Disorders and Stroke	2014 - 2019	
Spectrum Stanford Center for Clinical and Translational Research and Education	37,116,816	2013 - 2019
National Center for Advancing Translational Science	2013 - 2019	
to MARK RICHARDS-DILLON, HARRY BERNARDI, BREMERBERG		
Safe, Digital Telomere Extension to Prevent and Treat Hypertension	453,640	2019 - 2019
National Institute on Aging	2019 - 2019	
to HELEN M.B.LAU		
Telomere extension using nucleoside-modified mRNA, and exosomes as a novel therapy	4,299,300	2017 - 2018
National Institute of Arthritis and Musculoskeletal and Skin Diseases	2017 - 2018	
to HELEN M.B.LAU		
Regulation of Muscle Stem Cell Fate	5,010,821	2007 - 2007
National Institute on Aging	2007 - 2007	
to HELEN M.B.LAU		

This is just one of the many new features within Dimensions.
 Want to see more? Visit <https://www.dimensions.ai/release-notes/>