

Today's Host



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Altmetric & Dimensions

Today's agenda

- Overview of Digital Science
- Dimensions & Altmetric platforms
- Tracking a company's publications and intellectual property
- Analysing their fields of research, top authors, collaborators
- Using Altmetric to track attention to a company's publications within patent literature
- Q&A

Notes:

- We are recording the session. Slides and recording available post webinar
- Connection Issues: Please use the chat box



Digital Science – a portfolio of innovative companies

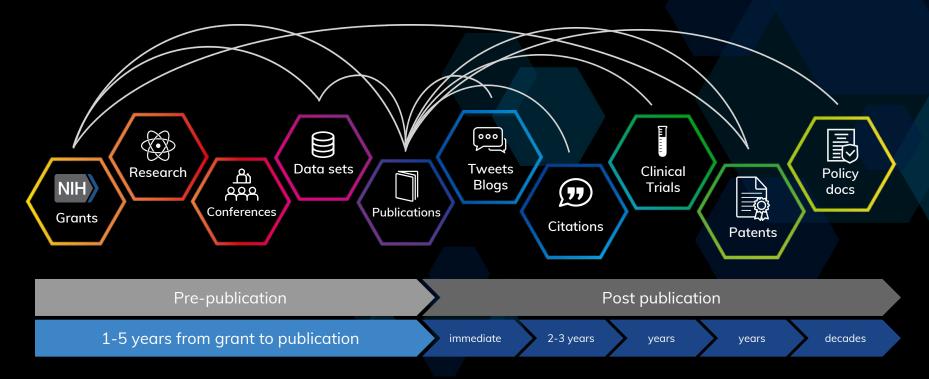
- Investment and support of small innovative software companies
- Rooted in research background and immediate need
- Companies have rich expertise in specific pieces of the research life cycle
- Started in 2009, invested and started 12 companies to date, about 300 colleagues
- Not a monolithic company, rich portfolio structure, nurtured, given freedom and guided by Digital Science





The Dimensions Platform

A full and connected view of research activity







Dimensions links between the different content sources



96m Publications •

- Publication references
- Publication citations
- Supporting grants
- Patent citations
- Linked clinical trials



4.1m Grants



- Resulting patents
- Resulting clinical trials



36m Patents

- Patent references
- Publication references
- Supporting grants
- Patent citations



423k Clinical trials

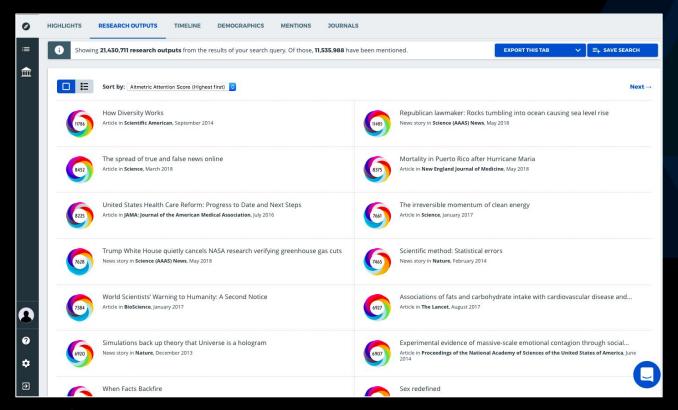
- Linked publications
- Supporting grants

All Items have been categorized via Al Technologies





The Altmetric Platform Tracking attention to research outputs online







The Altmetric Platform

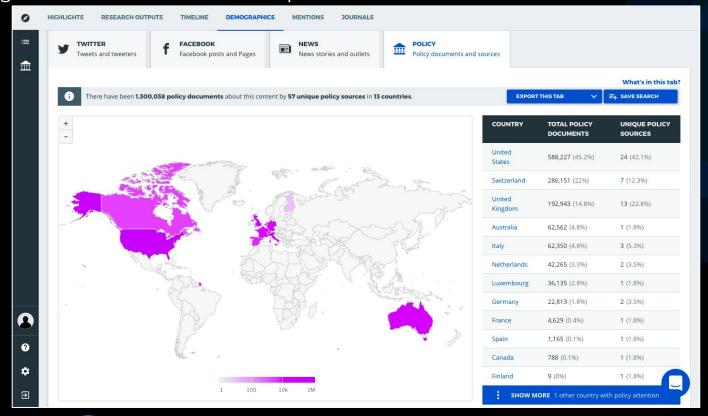
Tracking attention to research outputs online







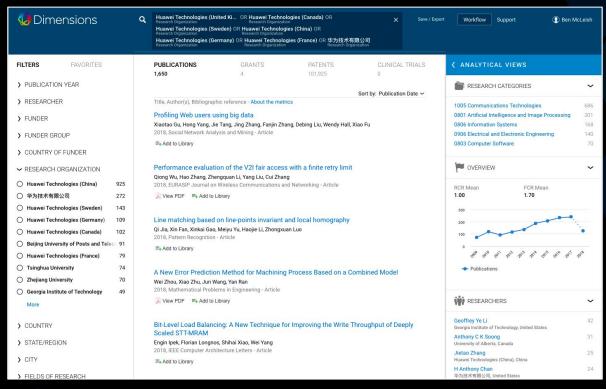
The Altmetric Platform Tracking attention to research outputs online







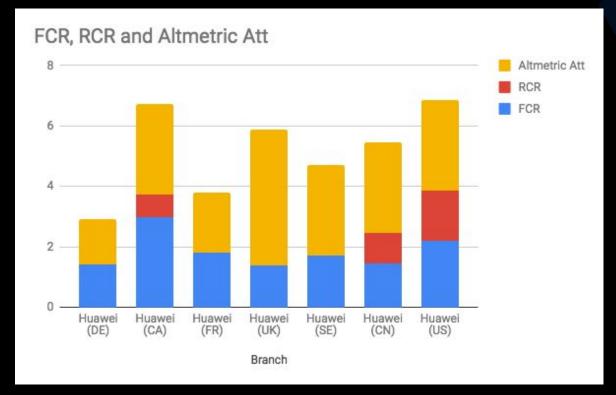
Case Study: Huawei Technologies What do they publish, where do they publish?







Case Study: Huawei Technologies What do they publish, where do they publish?







Case Study: Huawei Technologies What Fields of Research are they publishing in?

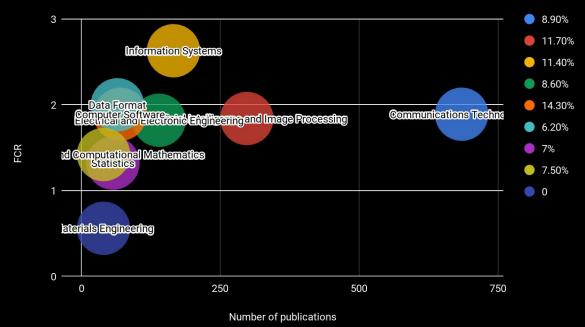
Field of Research	Publications	FCR	Altmetric Attention Score
Communications Technologies	685	1.89	8.90%
Artificial Intelligence and Image Processing	298	1.84	11.70%
Information Systems	166	2.63	11.40%
Electrical and Electronic Engineering	140	1.82	8.60%
Computer Software	70	1.89	14.30%
Data Format	65	2	6.20%
Statistics	57	1.32	7%
Numerical and Computational Mathematics	40	1.42	7.50%
Materials Engineering	40	0.56	0





Case Study: Huawei Technologies What Fields of Research are they publishing in?

Top 10 Fields of research







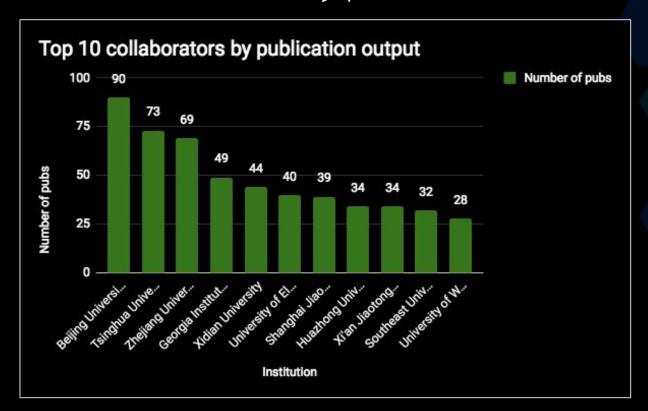
Who is Huawei collaborating with on research?

		Number of			Altmetric Attention median
Institution	Country	publications	FCR	RCR	%
Beijing University of Posts and Telecommunications (BUPT)	China	90	2.12	0.74	7.80%
Tsinghua University (THU)	China	73	2.56	0.41	8.20%
Zhejiang University (ZJU)	China	69	1.83	3.86	4.30%
Georgia Institute of Technology (GT)	United States	49	3.61	0	20.40%
Xidian University	China	44	1.86	0.87	9.10%
University of Electronic Science and Technology of China		10	2.00		1000
(UESTC)	China	40	2.69	0	10%
Shanghai Jiao Tong University (SJTU)	China	39	2.79	0	5.10%
Huazhong University of Science and Technology (HUST)	China	34	4.78	0.62	20.60%
Xi'an Jiaotong University (XJTU)	China	34	1.9	0	2.90%
Southeast University (SEU)	China	32	1.79	0	0
University of Waterloo (UW)	Canada	28	2.29	0.23	7.10%





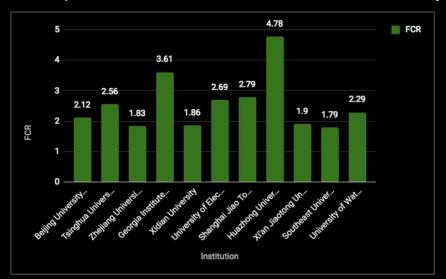
Top Huawei collaborators by publication volume

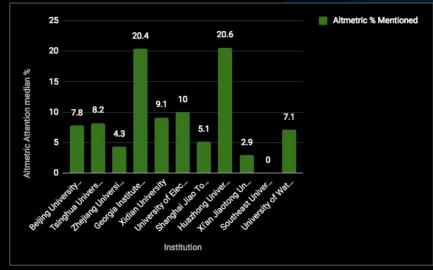






Top Huawei Collaborators by Field Citation Ratio/Altmetric





The higher the FCR, the higher the average citations received by that institution for the relevant Field of Research

The percentage of the collaborative publications receiving at least one online mention (tweet, news story, blog etc)





Global Collaboration Network: Huawei



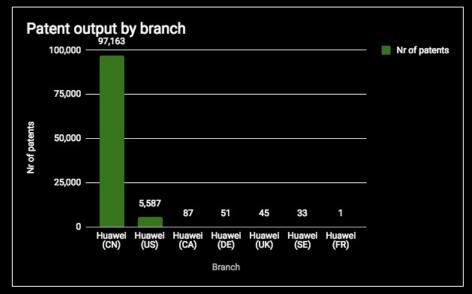
Top 10 Countries on the list

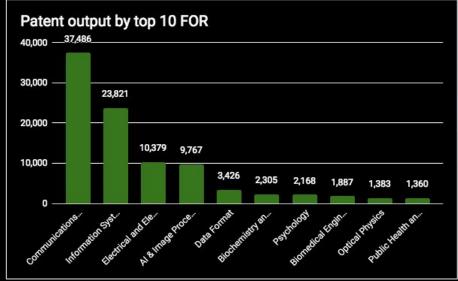
China	1,045
United States	480
Germany	181
Sweden	180
Canada	179
United Kingdom	142
France	116
Australia	47
Singapore	44
Italy	39





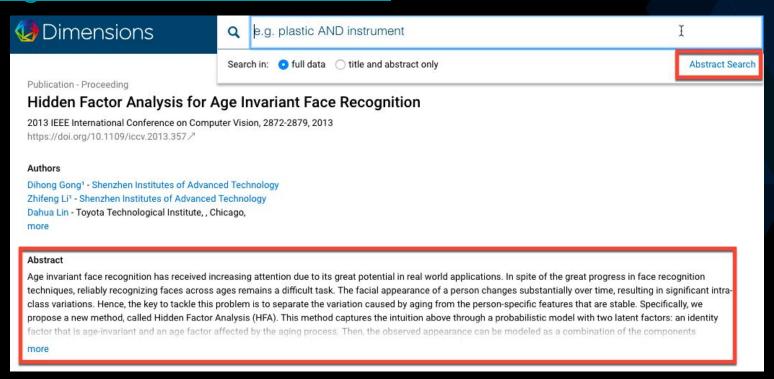
Huawei's Patents







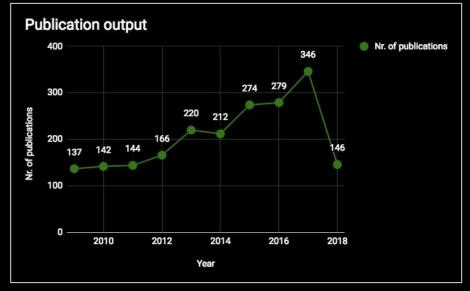
Concerning AI: Who else is working on reliable <u>Face</u> <u>Recognition for mobile devices</u>?

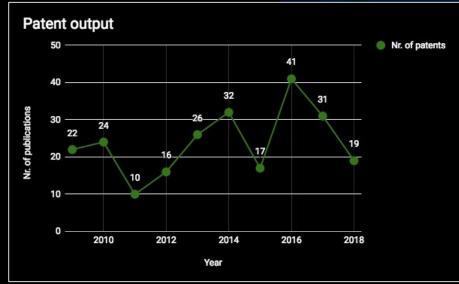






Abstract Search: Profile of the results: On the Rise!



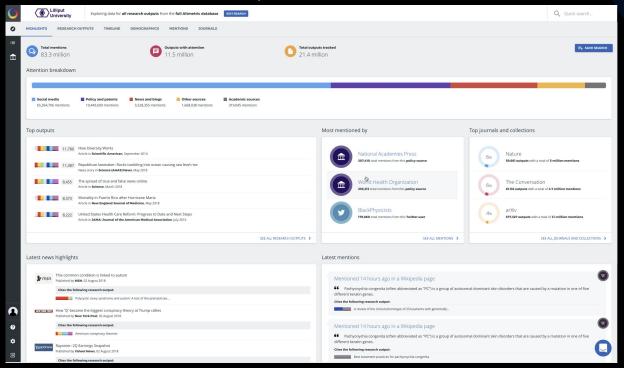






Exporting Publications similar to this to:

- Analyse attention in the Altmetric Explorer
- Search for use of these data within patents







Thanks! Q&A?

Contact us!

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- @altmetric
- @dsdimensions
- @digisci

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