

# Visualisierung von alternativen Metriken

Astrid Orth (SUB Göttingen)

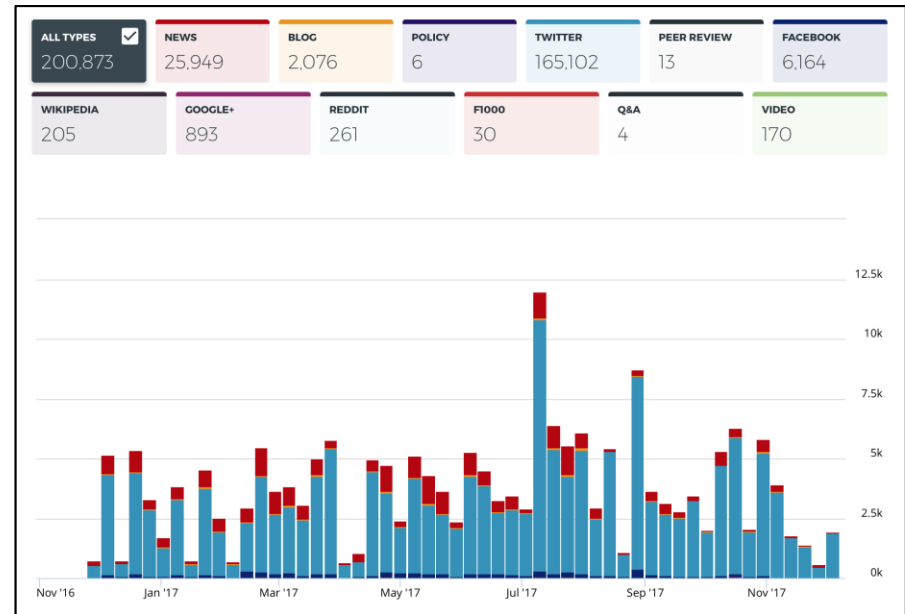
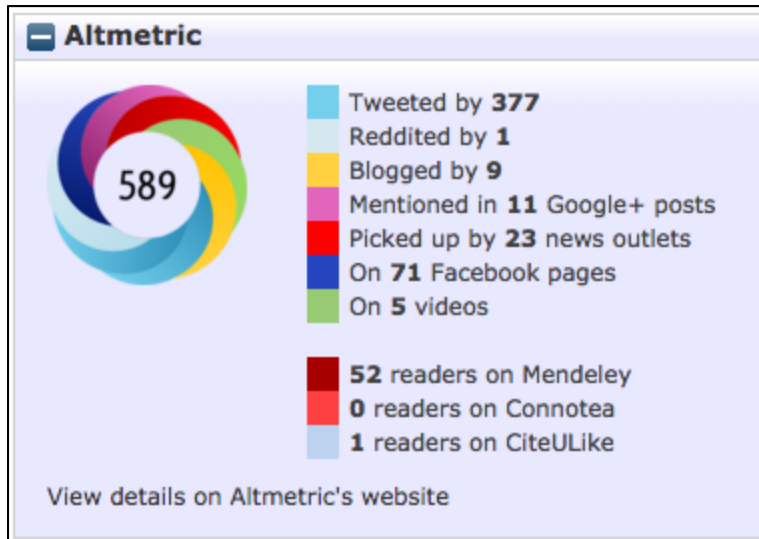
Ben McLeish (Digital Science, London)

Julius Stropel (Verbundzentrale des GBV)

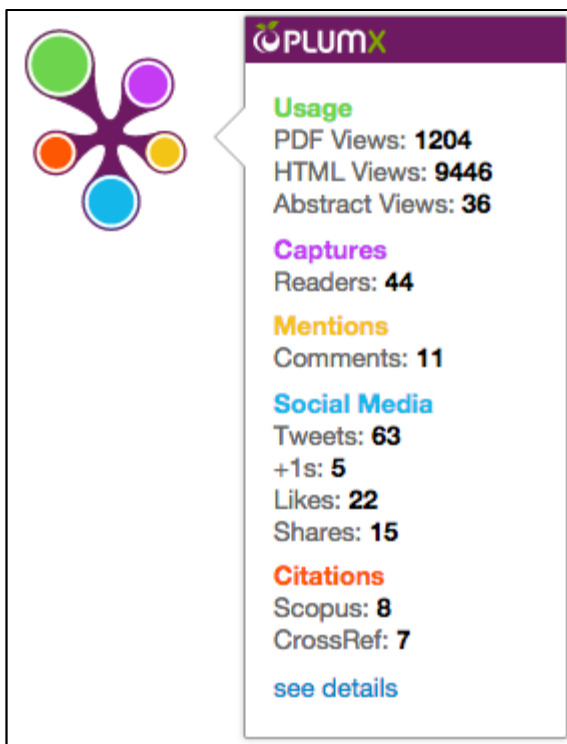
Hands-On-Lab, Bibliothekartag 2018, Berlin



# Altmetric.com



# Plum Analytics



# Article Level Metrics PLoS



**A Meta-Analysis of the Impacts of Genetically Modified Crops**  
 Wilhelm Klümper, Matin Qaim

■ Compare average usage for articles published in **2014** in the subject area: ?

Biology and life sciences ▾ | [Show reference set](#)

\*Although we update our data on a daily basis, there may be a 48-hour delay before the most recent numbers are available. PMC data is posted on a monthly basis and will be made available once received.

## Cited ?

150	44	9	Search

Total Article Views	HTML Page Views	PDF Downloads	XML Downloads	Totals
<b>150</b> May 09, 2018 (publication date) through May 17, 2018 *	<b>PLOS</b> 84	57	9	<b>150</b>
	<b>PMC</b> 0	0	n.a.	<b>0</b>
	<b>Totals</b> 84	<b>57</b>	<b>9</b>	<b>150</b>
67.86 % of article views led to PDF downloads				

## Saved ?

2	729

## Discussed ?

10	1608	3202	313	6

- ### Subject Areas ?
- Genetically modified...
  - Crops
  - Pesticides
  - Meta-analysis
  - Scientific publishing
  - Peer review
  - Herbicides
  - Farms

# Mendeley

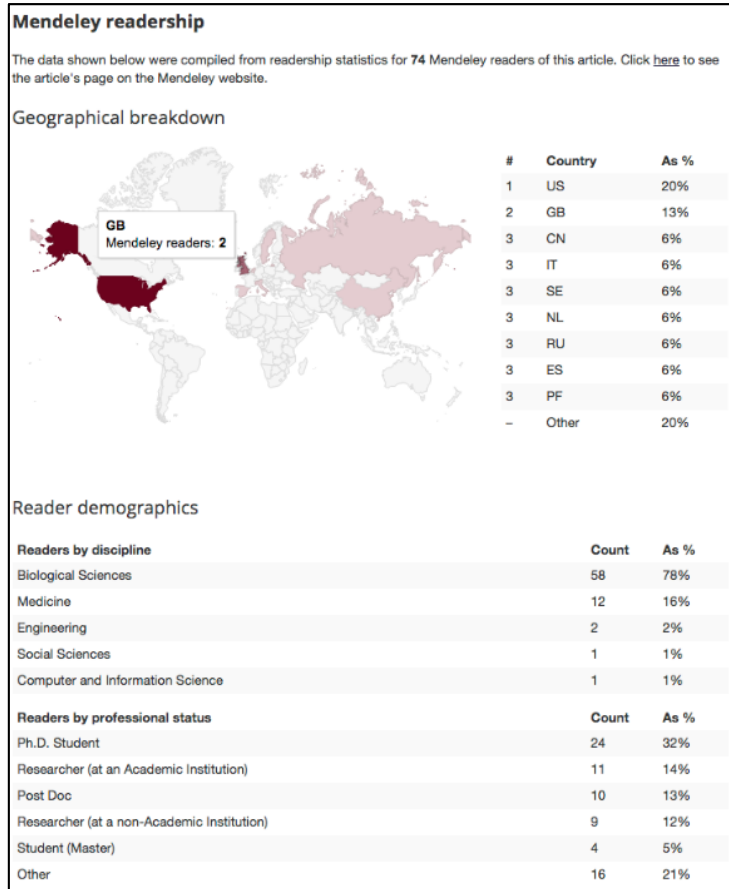


Image source: <https://altmetric.com/>

# ImpactStory



**Ethan White**

University of Florida Associate Professor

**OVERVIEW** ACHIEVEMENTS TIMELINE PUBLICATIONS

## ACHIEVEMENTS

[view all](#)



**Open Access** Top 10%

89% of your research is free to read online. This level of availability puts you in the top 3% of researchers.



**Wikitastic** Top 10%

Your research is mentioned in 7 Wikipedia articles! Only 6% of researchers are this highly cited in Wikipedia.



**Greatest Hit** Top 10%

Your top publication has been saved and shared over 2.681 thousand times. Only 1% of researchers get this much attention on a publication.

## TIMELINE

[view all](#)

**5104** Online mentions  
over 1 years

4.8k 139 128 42 10 8 7 7 1

## PUBLICATIONS

[view all](#)

**Best Practices for Scientific Computing**  
2014

**2681**

**The Case for Open Preprints in Biology**  
2013

**534**

**Elevating The Status of Code in Ecology**  
2016

**172**

Image source <https://impactstory.org>

[Erweiterte Suche](#)  
[Hilfe](#)

## Selection for niche differentiation in plant communities increases biodiversity effects

Zuppinger-Dingley, Debra; Schmid, Bernhard; Petermann, Jana S; Yadav, Varuna; De Deyn, Gerlinde B; Flynn, Dan F B (2014). *Selection for niche differentiation in plant communities increases biodiversity effects*. Nature, 515(7525):108-111.

### Kurzfassung

In experimental plant communities, relationships between biodiversity and ecosystem functioning have been found to strengthen over time, a fact often attributed to increased resource complementarity between species in mixtures and negative plant–soil feedbacks in monocultures. Here we show that selection for niche differentiation between species can drive this increasing biodiversity effect. Growing 12 grassland species in test monocultures and mixtures, we found character displacement between species and increased biodiversity effects when plants had been selected over 8 years in species mixtures rather than in monocultures. When grown in mixtures, relative differences in height and specific leaf area between plant species selected in mixtures (mixture types) were greater [Mehr dazu...](#)

### Zitationen



99 Dimensions.ai Metrics

82 Zitationen in [Web of Science®](#)

86 Zitationen in [Scopus®](#)

115 Zitationen in [Microsoft Academic](#)  
[Google Scholar™](#)

### Altmetrics



[View details on Altmetric's website](#)

- Tweeted by 64
- Blogged by 1
- Picked up by 10 news outlets
- On 3 Facebook pages
- 444 readers on Mendeley

### Download

ZORA kann den Volltext nicht zur Verfügung stellen  
[Volltext des Verlags](#)



### TrendTerms








Image source: <http://www.zora.uzh.ch>






# Conjoint Analysen

- In welcher Reihenfolge würde jemand verschiedene Artikel mit folgenden Metriken lesen?








	Citations (GS):	32
	Facebook mentions:	0
	Tweets:	251
	Mendeley readers:	10
	EconStor downloads:	503








	Facebook mentions:	102
	Tweets:	24
	Mendeley readers:	0
	EconStor downloads:	0
	Citations (GS):	3



	Mendeley readers:	499
	Citations (GS):	1
	Facebook mentions:	261
	EconStor downloads:	8,135
	Tweets:	3



	EconStor downloads:	903
	Mendeley readers:	91
	Citations (GS):	270
	Tweets:	1,135
	Facebook mentions:	0



# Diskussion

- **Welche Art der Visualisierung unterstützt bei welchen Fragen?**
- **Darstellung von Zeitverläufen sinnvoll?**
- **Welche Faktoren sehen Sie als wichtig an?**
- **Was haben Sie in der Vergangenheit als verwirrend empfunden?**
- **Wie detailliert sollte/kann eine Metrik sein?**
- **Was unterstützt die Transparenz?**
- **Wie kann Kontext eingebettet werden?**
- **Was ist für Benutzer einfach zu verstehen?**
- **Was ist aus bibliothekarischer Sicht „richtig“?**

