

New Features on ScholarWorks @UNIST

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Researcher Page



Joo, Changhee

Department :
Research Interests :
Lab :
E-Mail :
Website :

Article	Proceeding	Patent	Report		
Issue Date	Title		Author(s)	Type	View
201612	Resource Allocation in Full-Duplex OFDMA Networks: Approaches for Full and Limited CSIs		Nam, Changwon; Joo, Changhee; Yoon, Sung-Guk, et al	ARTICLE	38
201608	Receiver-Side TCP Countermeasure to Bufferbloat in Wireless Access Networks		Im, Heesu; Joo, Changhee; Lee, Taeseop, et al	ARTICLE	167
201606	Distributed Greedy Approximation to Maximum Weighted Independent Set for Scheduling With Fading Channels		Joo, Changhee; Lin, Xiaojun; Ryu, Jiho, et al	ARTICLE	46

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Joo, Changhee (주창희)

Department : School of Electrical and Computer Engineering(전기전자컴퓨터공학부)
Research Interests : Resource allocation, stochastic optimization, distributed computing, low complexity
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E-Mail : cjoo@unist.ac.kr
Website : http://netlab.unist.ac.kr/

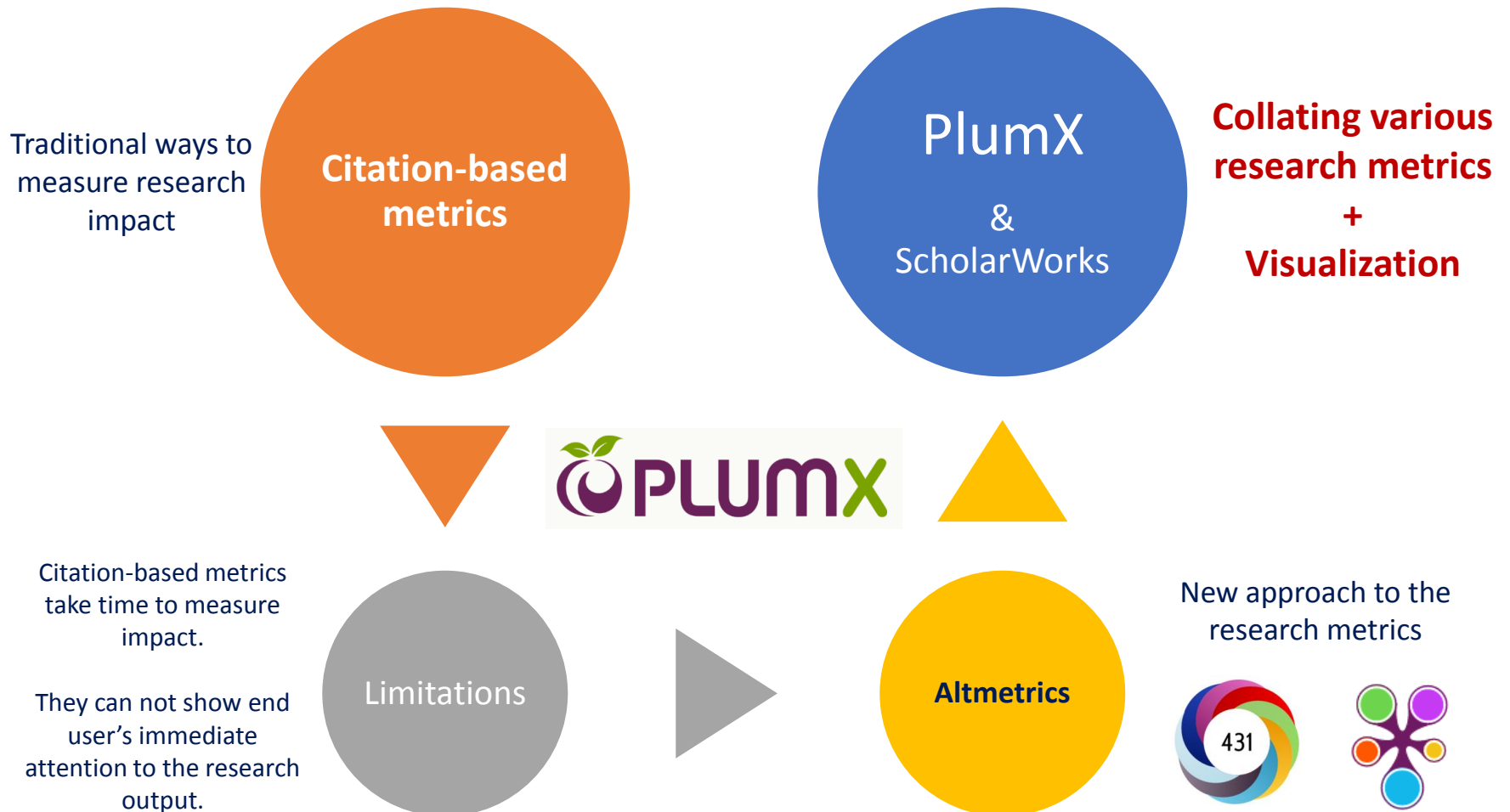


Article	Proceeding	Patent	Report		
Issue Date	Title	Author(s)	Type	View	Altmetrics
201612	Resource Allocation in Full-Duplex OFDMA Networks: Approaches for Full and Limited CSIs	Nam, Changwon; Joo, Changhee; Yoon, Sung-Guk, et al	ARTICLE	78	
201608	Receiver-Side TCP Countermeasure to Bufferbloat in Wireless Access Networks	Im, Heesu; Joo, Changhee; Lee, Taeseop, et al	ARTICLE	188	
201606	Distributed Greedy Approximation to Maximum Weighted Independent Set for Scheduling With Fading Channels	Joo, Changhee; Lin, Xiaojun; Ryu, Jiho, et al	ARTICLE	67	

**PlumX Metrics
are Embed!**

Collating and Visualization of research impact by PlumX

What is PlumX Metrics?



Types of Metrics



Usage

- **Is anyone reading out work?**
- Clicks, Downloads, Views, Library holdings, Video plays
- Source: EBSCO DB, Repositories, PubMed Central, etc.



Captures

- **End users bookmark, favorite, became a reader, etc.**
- Captures indicate that someone want to come back to the work
- Source: EBSCO DB, Mendeley, YouTube, GitHub, etc.



Mentions

- **The blog posts, comments and Wikipedia links about research**
- Blog mentions, Comments, Links, Reviews
- Source: Blogs, Slideshare, Wikipedia, Amazon, etc.



Social Media

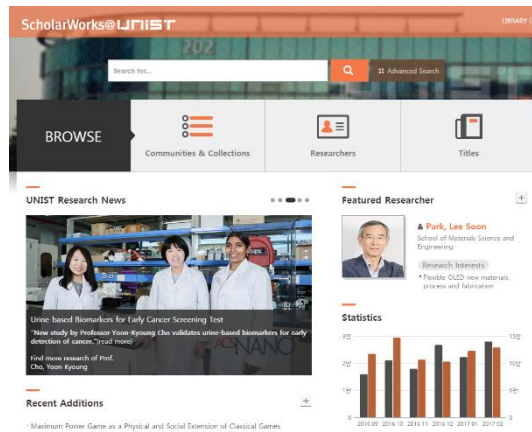
- **How well a researcher is promoting their work**
- Likes, +1, Shares, Ratings, Recommendations, Tweets
- Source: Google Plus, Facebook, YouTube, Twitter, etc.



Citation

- **How many times your research has been cited by others**
- Citation Indexes, Citations
- Source: CrossRef, PubMed Central, Scopus, SSRN, etc.

How to Collate Research Impact



Research outputs of UNIST are collected automatically by the PlumX based on the institutional repository 'ScholarWorks@UNIST'.

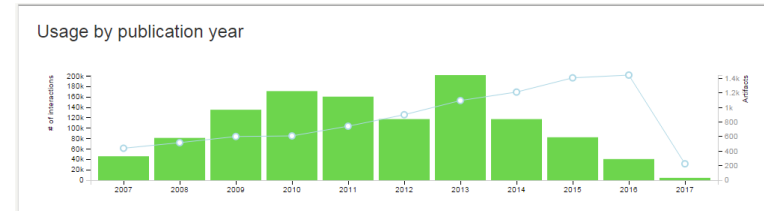
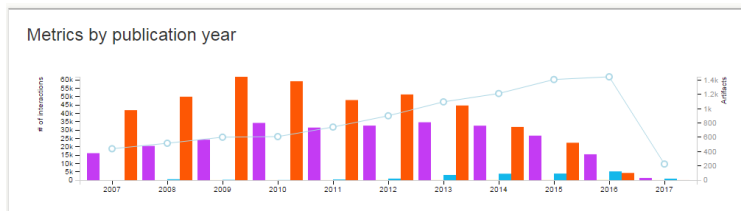


The PlumX tracks a range of sources to capture and collate end users activities about research outputs.

Utilization of PlumX

1. Understanding the attention of research outputs

- Measuring and understanding various aspect of end user's attention to the research outputs on the web.

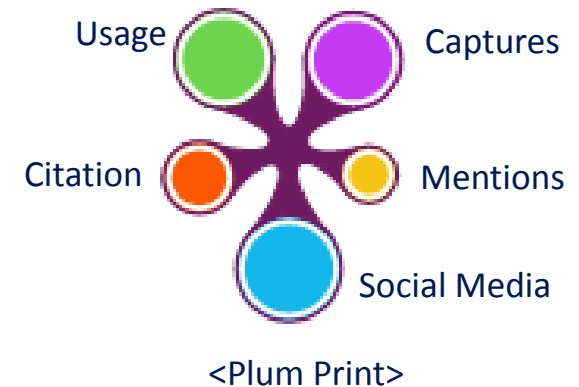


Year	Title	Type	All				
			Captures	Citations	Social Media	Mentions	Usage
2016	A 3D bioprinting system to produce human-scale tissue constructs with structural integrity.	Article	687	99	207	2	152
2016	Noncovalent Functionalization of Graphene and Graphene Oxide for Energy Materials, Biosensing, Catalytic, and Biomedical Applications.	Article	230	62	1		18
2016	Rational Strategies for Efficient Perovskite Solar Cells.	Article	220	26			40
2016	Genome evolution in the allotetraploid frog <i>Xenopus laevis</i> .	Article	217	14	1317	6	270
2016	Fast growth of inch-sized single-crystalline graphene from a controlled single nucleus on Cu-Ni alloys.	Article	165	31			14
2016	Fabrication of Efficient Formamidinium Tin Iodide Perovskite Solar Cells through SnF ₂ -Pyrazine Complex.	Article	155	26	6		13
2016	Computer-Assisted Synthetic Planning: The End of the Beginning.	Review	148	9	27		29
2016	RNA splicing factors as oncoproteins and tumour suppressors.	Review	144	5	7		11

Utilization of PlumX

2. Visualization research impact

- Show each research outputs' impact by embedding the Plum Print into the ScholarWorks.



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Researcher Page

Kwon, Taejoon (권태준)

- Department: School of Life Sciences(생명과학부)
- Research Interests: Systems biology, computational biology, functional genomics
- Lab: TaejoonLab
- E-Mail: Taejoon@unist.ac.kr
- Website: http://www.taejoonlab.org/

Article	Proceeding	Patent	Report	
Issue Date	Title	Author(s)	Type View Altmetrics	
ACCEPT	Identification of new regulators of embryonic patterning and morphogenesis in <i>Xenopus gastrulae</i> by RNA sequencing	Popov, Ivan K; Kwon, Taejoon; Crossman David K, et al	ARTICLE 139	
201701	AmphlBase: A new genomic resource for non-model amphibian species	Kwon, Taejoon	ARTICLE 82	
201610	Genome evolution in the allotetraploid frog <i>Xenopus laevis</i>	Seavison, Adam M; Uno, Yoshinobu; Kwon, Taejoon, et al	ARTICLE 128	

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Genome evolution in the allotetraploid frog *Xenopus laevis*

Cited 0 times in **WEB OF SCIENCE** Cited 0 times in **Scopus** **Altmetric** 316 Download Export

Usage	Captures	Mentions	Social Media
Clicks: 251 Abstract Views: 17 Link-outs: 2	Readers: 217	Blog Mentions: 1 News Mentions: 4 Links: 1	Shares, Likes & Comments: 1063 Score: 1 Tweets: 253

Citations
Citation Indexes: **14**

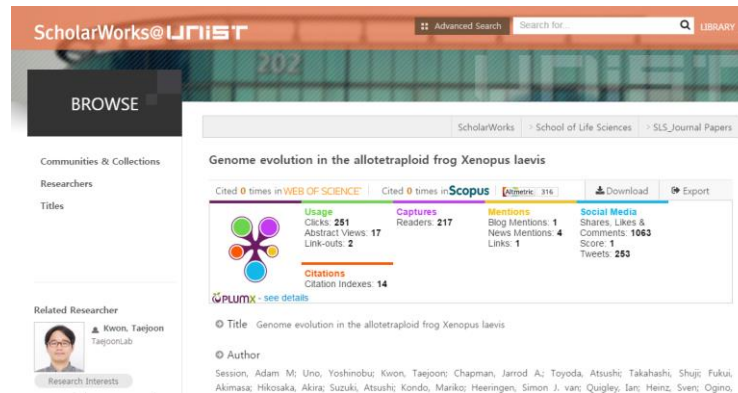
PLUMX - see details

© Title Genome evolution in the allotetraploid frog *Xenopus laevis*

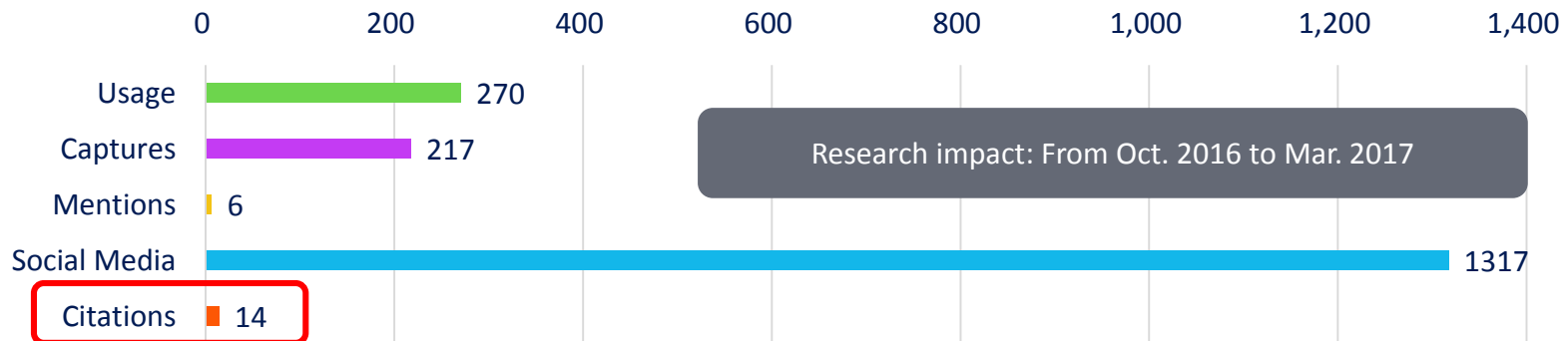
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Session, Adam M; Uno, Yoshinobu; Kwon, Taejoon; Chapman, Jarrod A; Toyoda, Atsushi; Takahashi, Shuji; Fukui, Akimasa; Hikosaka, Akira; Suzuki, Atsushi; Kondo, Mariko; Heeringen, Simon J. van; Quigley, Ian; Heinz, Sven; Ogino,

<ScholarWorks –Research output Page>

PlumX Metrics Example

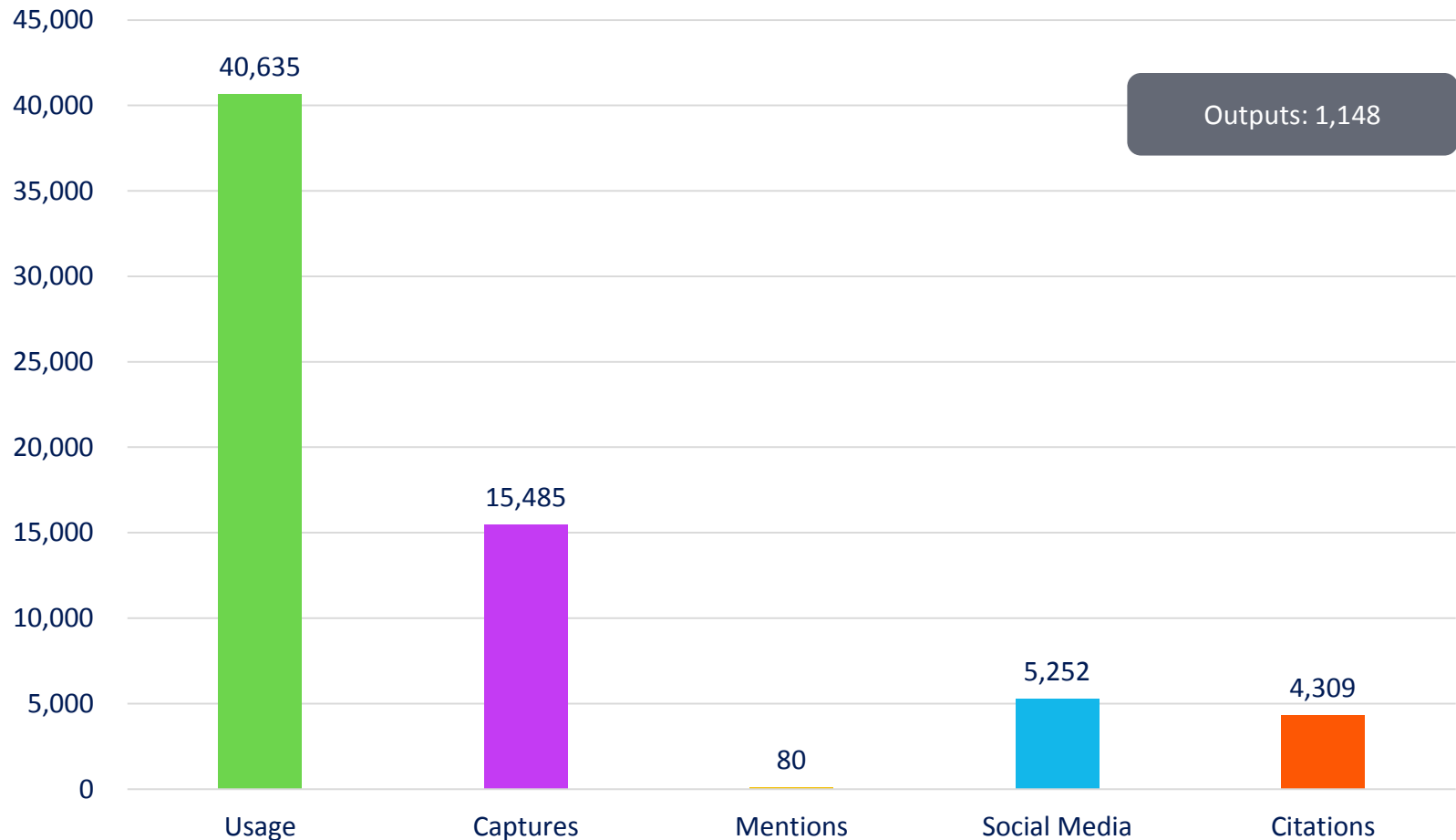


Published in Oct 2016



USAGE ▼	270	CAPTURES ▲	217	MENTIONS ▼	6	SOCIAL MEDIA ▼	1317	CITATIONS ▲	14
Clicks	251	Readers	217	News Mentions	4	Shares, Likes & Comments	1063	Citation Indexes	14
Abstract Views	17	Mendeley	217	Blog Mentions	1			Scopus	14
Link-outs	2			Links	1	Tweets	253	PubMed Central	6
						Scores	1	CrossRef	5

PlumX Metrics for 2016 UNIST Research Outputs



Thank you.

- UNIST Institutional Repository: **ScholarWorks @ UNIST**
(<http://scholarworks.unist.ac.kr>)
- How to find PlumX Metrics on ScholarWorks
: ScholarWorks → **Researchers** → Select a research page

✂ Contact Info.: Kwon, Yulee (UNIST Library, ext. 1405, kyl7539@unist.ac.kr)

