

The Social Impact of the UOC's Scientific Output: A Case Study

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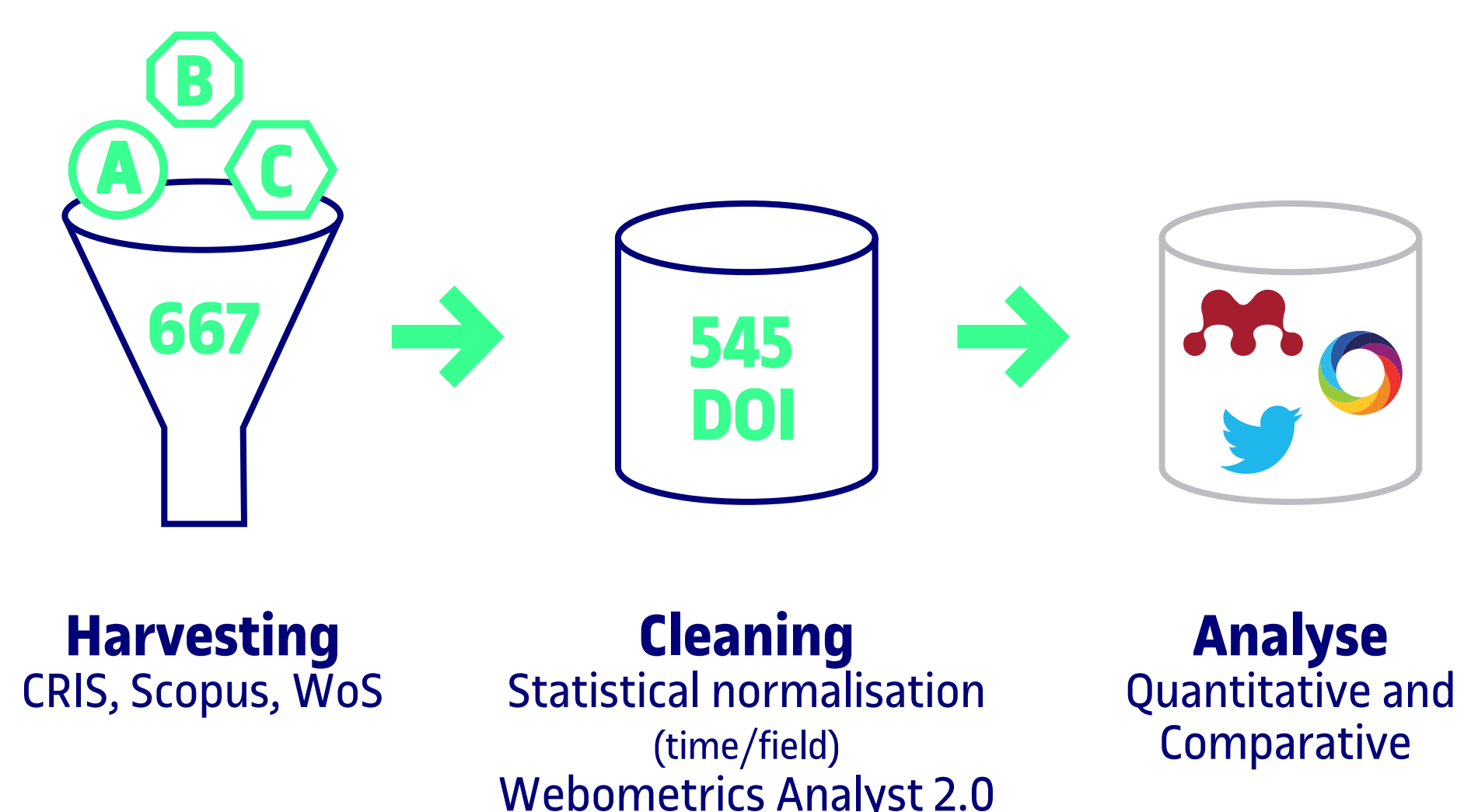
Project goals

- 1 Explore alternatives to measure the impact of the UOC's research outputs.
- 2 Identify the impact of the UOC's research on social media.
- 3 Analyse whether altmetrics can be used as complementary indicators in the evaluation of research.
- 4 Discover whether altmetrics increase the visibility of the UOC's research.

Scope



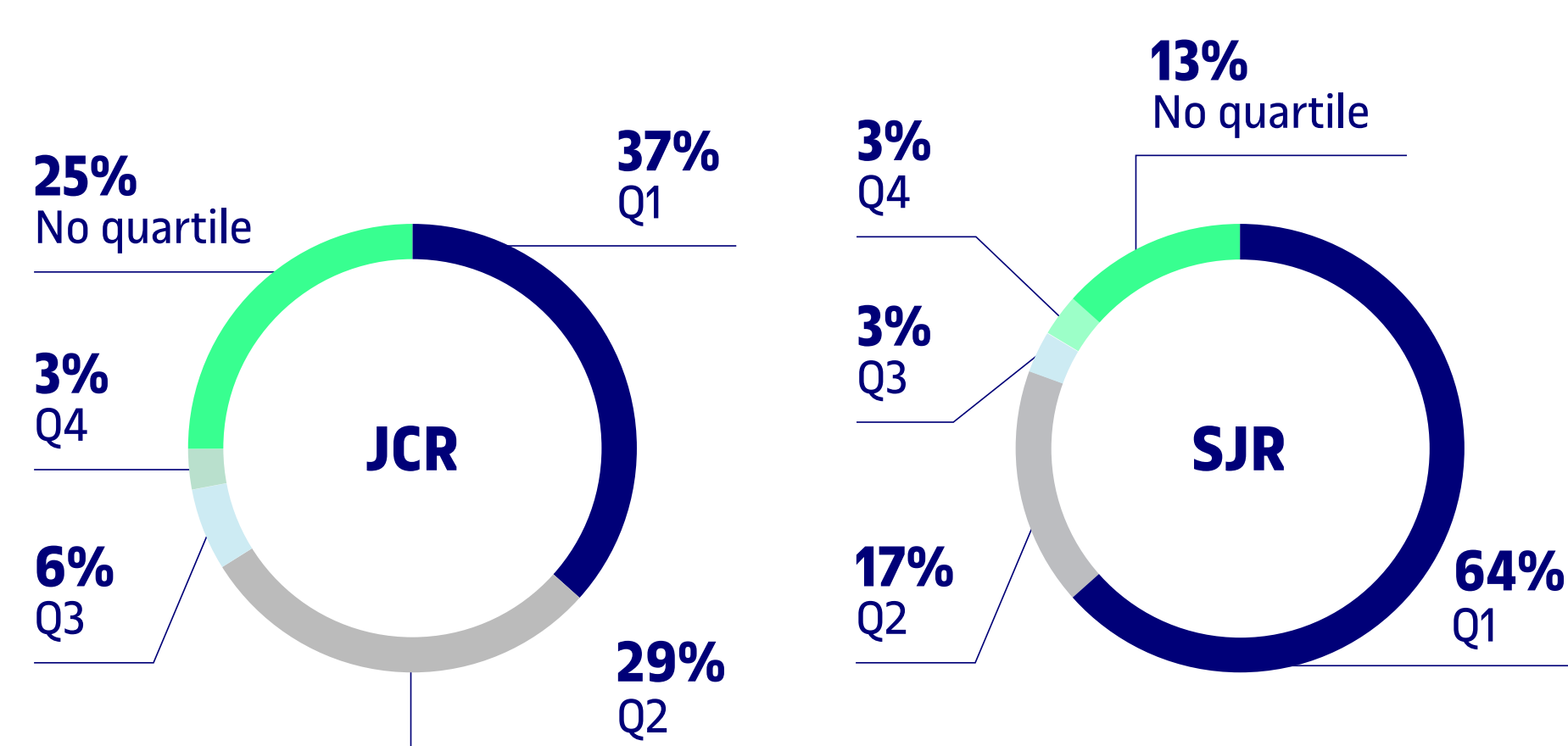
Methodology



Results

1. Quantitative analysis

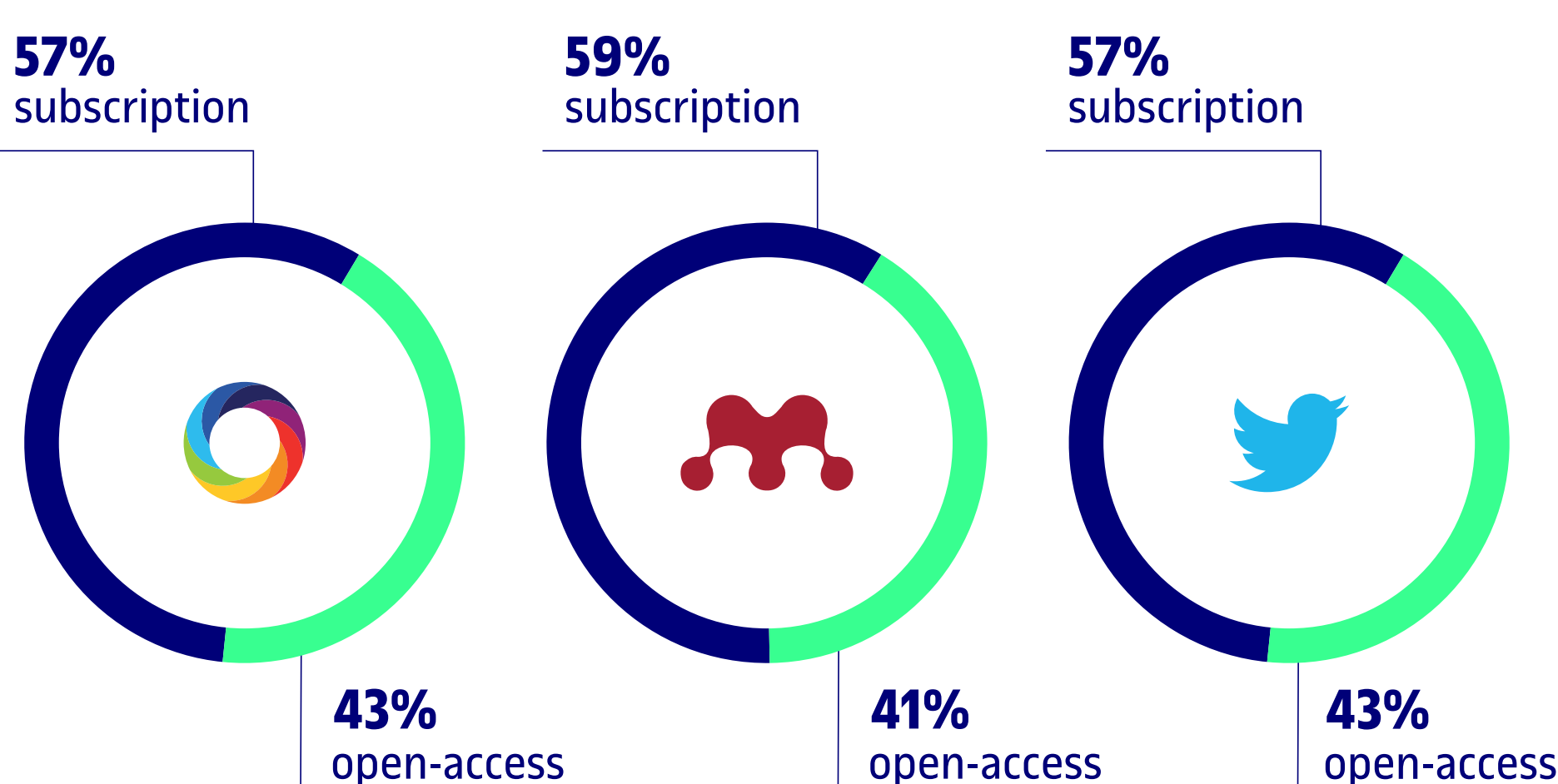
Articles with altmetrics and journal quartiles



75% of UOC articles mentioned on social media have been published in JCR journals.

87% of UOC articles mentioned on social media have been published in SJR journals.

Articles with altmetrics and open access



40% of articles with altmetrics data are open-access.

Social impact

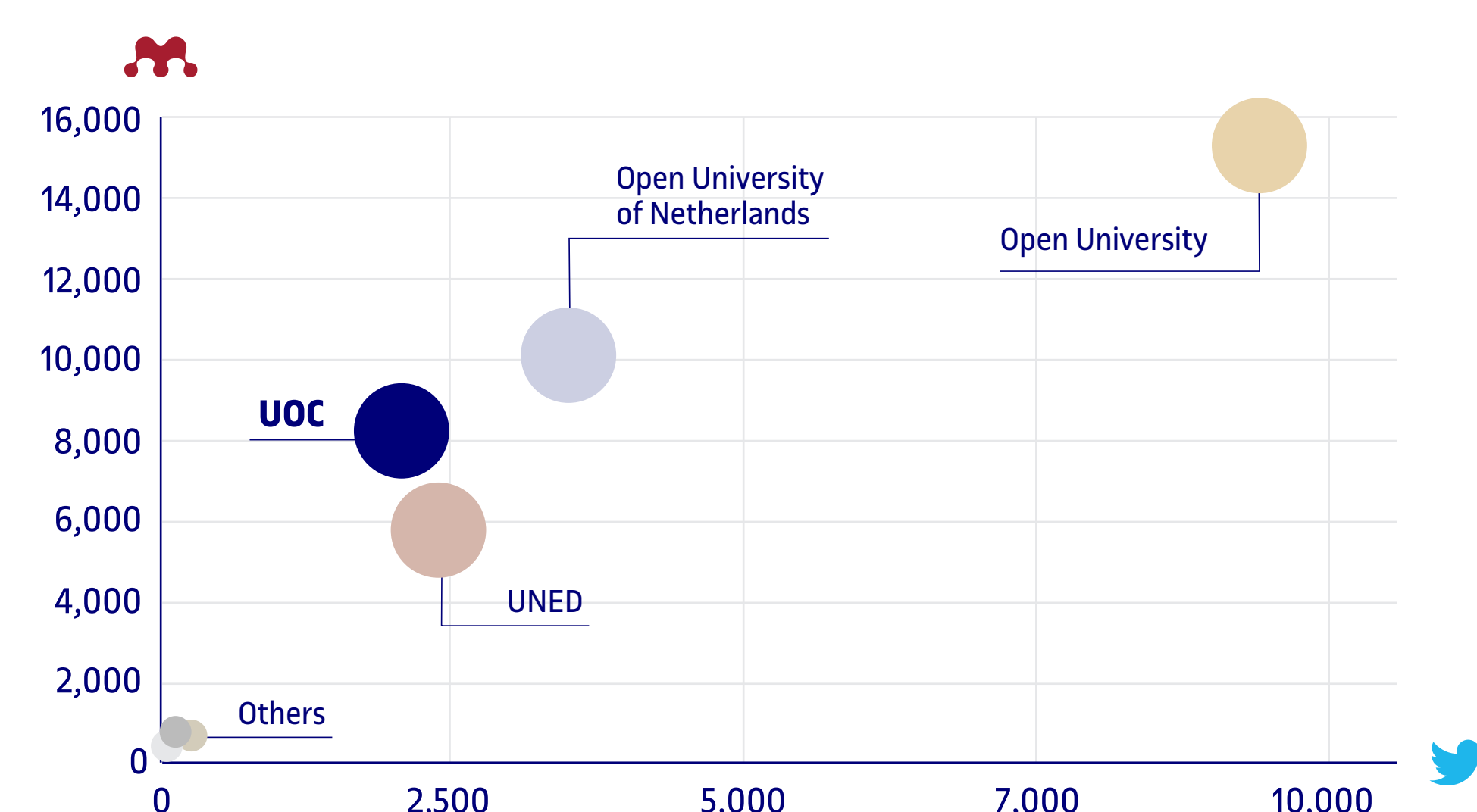


Citations and type of access for the 5 articles with the highest Altmetric Attention Score

	Palau, M.; Muñoz Marrón, E.; Viejo-Sobera, R. et al. (2017). «Neural Basis of Video Gaming: A Systematic Review». <i>Frontiers in Human Neuroscience</i> (11, pp. 1-40). doi: 10.3389/fnhum.2017.00248	9 Citations	 523	
	Kulisevsky, J. (2016). «Safinamide - A unique treatment targeting both dopaminergic and non-dopaminergic systems». <i>European Neurological Review</i> (11, no. 2, pp. 101-105). doi: 10.17925/ENR.2016.11.02.101	1 Citations	 438	
	Ovseiko, P.V.; Greenhalgh, T.; Adam, P. et al. (2016). «A global call for action to include gender in research impact assessment». <i>Health Research Policy and Systems</i> (14, no. 1). doi: 10.1186/s12961-016-0126-z	22 Citations	 259	
	Borge-Holthoefer, J.; Perra, N.; Gonçalves, B. et al. (2016). «The dynamics of information-driven coordination phenomena: A transfer entropy analysis». <i>Science Advances</i> (2, no. 4). doi: 10.1126/sciadv.1501158	22 Citations	 171	
	Clark, A.; Mach Casellas, N. (2016). «Exercise-induced stress behavior, gut-microbiota-brain axis and diet: A systematic review for athletes». <i>Journal of the International Society of Sports Nutrition</i> (13, no. 1). doi: 10.1186/s12970-016-0155-6	32 Citations	 161	

2. Comparative analysis

The UOC's impact versus similar online universities



Conclusions

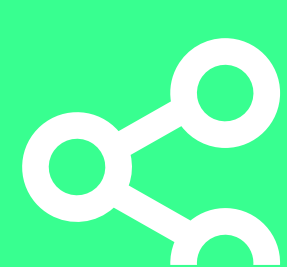
It's too early to use altmetrics for research evaluation.



Social media reach beyond the academy and raise the profile of publications that don't have an impact factor.



Publishing in Q1 and Q2 (JCR/SJR) journals seems to guarantee greater impact on social media.



The articles with the highest Altmetric Attention Score are in the fields of medicine and health sciences, and open-access.



There is no direct link between the level of attention on social media and the number of citations received.

