**EQUIPO DE INVESTIGACIÓN: INFORMATION ENGINEERING**

**PUBLICACIONES DERIVADAS DE TESIS (últimos cinco años)**

1. Nogales, A., Sicilia, M. A., & Garcia, E. (2018) On the Graph Structure of the Web of Data. International Journal on Semantic Web and Information Systems (IJSWIS), 14(2), 70-85.

2. Nogales, A., Sicilia, MA., García, E. (2017) Measuring vocabulary use in the Linked Data Cloud. Online Information Review 41 (2). (2017/04/10).

3. Nogales, A., Sicilia, MA., Sánchez, S., García, E. (2016). Linking from Schema.org microdata to the Web of Linked Data: An empirical assessment. Computer Standards & Interfaces 45, 90-99.

4. Mora, M., Sicilia, M.A., García, E., Sanchez, S. (2020) A complex network analysis of the Comprehensive R Archive Network (CRAN) package ecosystem. Journal of Systems and Software, 170

5. Mora, M. Sánchez, S., García, E., Sicilia, M.A. (2020) Authority-based flexible conversation tracking in Twitter: an unattended methodological approach. Applied Sciences 10(9), 3273. https://doi.org/10.3390/app10093273

6. Samaras, L., García, E., Sicilia, M.A. (2020) Comparing Social media and Google to detect and predict severe epidemics. Scientific Reports, 10(4747). https://doi.org/10.1038/s41598-020-61686-9

7. Mora, M., Sicilia, M.A., García, E., Sanchez, S. (2020) Evolution and prospects of the Comprehensive R Archive Network (CRAN) package ecosystem. Journal of Software: Evolution and Process. DOI: https://doi.org/10.1002/smr.2270

8. Mora-Cantallops, M., Sánchez-Alonso, S., & Visvizi, A. (2019). The influence of external political events on social networks: the case of the Brexit Twitter Network. Journal of Ambient Intelligence and Humanized Computing, 1–13.https://doi.org/10.1007/s12652-019-01273-7

9. Mora-Cantallops, M., & Sicilia, M.-Á. (2018). Exploring player experience in ranked League of Legends. Behaviour & Information Technology, 37:12, 1224-1236,https://doi.org/10.1080/0144929X.2018.1492631

10. Mora, M., Sanchez, S. García, E. (2019) A systematic literature review on Wikidata. Data Technologies and Applications, 53(3), 250-268. https://doi.org/10.1108/DTA-12-2018-0110.

11. Nogales, A., García-Tejedor, Á. J., Sanz, N. M., & de Dios Alija, T. (2019, June). Competencies in Higher Education: A Feature Analysis with Self-Organizing Maps. In International Workshop on Self-Organizing Maps (pp. 80-89). Springer, Cham.

12. Samaras, L., García, E., Sicilia, M.A. (2017) Syndromic Surveillance Models Using Web Data: The Case of Influenza in Greece and Italy Using Google Trends. Journal of Medical Internet Research (Public Health Surveillance) 3(4). http://dx.doi.org/10.2196/publichealth.8015

13. Martin, D., García, E., Sicilia, M-A, Stracke, C. M. (2017). Evaluating the concept specialization distance from an end-user perspective: The case of AGROVOC. Online Information Review, 41(6), 860-876. https://doi.org/10.1108/OIR-03-2016-0094

14. Rius, A., Conesa, J., García-Barriocanal, E., Sicilia, M.A. (2017) An ontology-driven framework for specifying, adapting and implementing educational settings. Applied Ontology,12(1), 33-58. https://doi.org/10.3233/AO-170176

15. Mora, M., Sicilia, M. (2019) Team efficiency and network structure: The case of professional League of Legends. Social Networks, 58, 105-115. https://doi.org/10.1016/j.socnet.2019.03.004

16. Mora, M., Sicilia, M.A. (2018) Player-centric networks in League of Legends. Social Networks, 55, 149-159. https://doi.org/10.1016/j.socnet.2018.06.002

17. Mora, M., Sicilia, M.A. (2018) MOBA games: A literature review. Entertainment Computing, 26, 128-138. https://doi.org/10.1016/j.entcom.2018.02.005

18. Yassine, S., Kadry, S., Sicilia, M.A. (2020) Application of community detection algorithms on learning networks. The case of Khan Academy repository. Computer Applications in Engineering Education https://doi.org/10.1002/cae.22212

19. Yassine, S., Kadry, S., Sicilia, M.A. (2020) Statistical Profiles of Users' Interactions with Videos in Large Repositories: Mining of Khan Academy Repository. KSII Transactions on Internet and Information Systems, 14(5). https://doi.org/10.3837/tiis.2020.05.013

20. Varouchas, E. Sicilia, M.A., Sánchez, S. (2018) Academics' perceptions on quality in higher education shaping key performance indicators. Sustainability 10 (12), 4752. https://doi.org/10.3390/su10124752

21. Varouchas, E. Sicilia, M.A., Sánchez, S. (2018) Towards an integrated learning analytics framework for quality perceptions in higher education: A 3-tier content, process, engagement model for key performance indicators. Behaviour & Information Technology 37 (10-11), 1129-1141 https://doi.org/10.1080/0144929X.2018.1495765

22. Roa-Valverde, AJ, Sanchez, S., Sicilia, M.A., Fensel, D. (2017) An approach to measuring and annotating the confidence of Wiktionary translations Language Resources and Evaluation 51 (2), 319-349. https://doi.org/10.1007/s10579-017-9384-9

23. Rajabi, E., Sanchez, S., Sicilia, M.A., Manouselis, N. (2017) A linked and open dataset from a network of learning repositories on organic agriculture. British Journal of Educational Technology 48 (1), 71-82 https://doi.org/10.1111/bjet.12341

24. Cela, K., Sicilia, M.A., Sánchez, S. (2016) Influence of learning styles on social structures in online learning environments. British Journal of Educational Technology 47 (6), 1065-1082 https://doi.org/10.1111/bjet.12267

25. Rodriguez-Solano, C., Sanchez, S., Sicilia, M.A. (2015) Creation of reusable open textbooks: Insights from the Connexions repository. British Journal of Educational Technology 46 (6), 1223-1235 https://doi.org/10.1111/bjet.12196

26. Cela, K., Sicilia, M.A., Sánchez, S. (2015) Comparison of collaboration and performance in groups of learners assembled randomly or based on learners' topic preferences. Journal of Educational Technology & Society 18 (4), 287-298 https://www.jstor.org/stable/jeductechsoci.18.4.287

27. Valiente, M.C., Sicilia, M.A., Garcia, E., Rajabi E. (2015) Adopting the metadata approach to improve the search and analysis of educational resources for online learning. Computers in Human Behavior 51, 1134-1141 https://doi.org/10.1016/j.chb.2014.12.059

28. Rajabi, E., Sicilia, M.A., Sanchez, S., (2015) Discovering duplicate and related resources using an interlinking approach: The case of educational datasets. Journal of Information Science 41 (3), 329-341 https://doi.org/10.1177/0165551515575922

29. Dodero, J. M., Rodriguez-Garcia, M., Ruiz Rube, I., Palomo, M. (2019) Privacy-Preserving Reengineering of Model-View-Controller Application Architectures Using Linked Data, Journal of Web Engineering, 18(7) http://doi.org/10.13052/jwe1540-9589.1875

30. Ruiz Rube, I., Person, T., Dodero, J. M., Mota, J. M., Merchán, J. (2020) Applying static code analysis for domain-specific languages, Software and Systems Modeling, 19(1), 95-110 http://doi.org/10.1007/s10270-019-00729-w