

Dr. Pilar León Araúz

Profesora Titular de Universidad

Sexenios CNEAI: 1

Research

- Corpus linguistics
- Lexicography and terminology
- Specialized languages, terminology and knowledge engineering

RECENT AND / OR RELEVANT PUBLICATIONS

Cabezas-García, M. & León-Araúz, P. (2019) On the Structural Disambiguation of Multi-word Terms. In *Computational and Corpus-Based Phraseology*, edited by Corpas Pastor, G. & Mitkov, R. Lecture Notes in Computer Science, 11755:46-60. Cham: Springer. doi:https://doi.org/10.1007/978-3-030-30135-4_4.

León-Araúz, P. & Reimerink, A. (2019) High-density knowledge rich contexts. *Argentinian Journal of Applied Linguistics*, 7(1):109-130.

Faber, P., Verdejo-Román, J., León-Araúz, P., Reimerink, A. & Guzmán Pérez-Carrillo, G. (2017) Specialized knowledge processing in the brain: an fMRI study. In *Terminological Approaches in the European Context*, edited by Faini, P., pages 168-182. Newcastle-upon-Tyne: Cambridge Scholars Publishing.

León-Araúz, P. (2017) Term and concept variation in specialized knowledge dynamics. In *Multiple Perspectives on Terminological Variation*, edited by Drouin, P., Francœur, A., Humbley, J. & Picton, A. Terminology and Lexicography Research and Practice, 18:213-258. Amsterdam/Philadelphia: John Benjamins. doi:10.1075/trp.18.09leo.

San Martín, A., Cabezas-García, M., Buendía, M., Sánchez-Cárdenas, B., León-Araúz, P. & Faber, P. (2017) Recent Advances in EcoLexicon. *Dictionaries: Journal of the Dictionary Society of North America*, 38(1):96-115.

Faber, P. & León-Araúz, P. (2016) Specialized knowledge representation and the parameterization of context. *Frontiers in Psychology*, 7(00196). doi:10.3389/fpsyg.2016.00196.

León-Araúz, P. & Reimerink, A. (2016) Multidimensional categorization in corpus-based hyponymic structures. In *Corpus-based studies on language varieties*, edited by Alonso Almeida, F., Cruz García, L. & González Ruiz, V. Linguistic Insights, 210:37-66. Bern: Peter Lang.

Reimerink, A., León-Araúz, P. & Faber, P. (2016) Image selection and annotation for an environmental knowledge base. *Language Resources and Evaluation*, pages 1-32. doi:10.1007/s10579-016-9345-8.

- León-Araúz, P. (2015) Term variation in the psychiatric domain: transparency and multidimensionality. In *Word Formation and Transparency in Medical English*, edited by ten Hacken, P. & Panocová, R., pages 33-54. Newcastle-upon-Tyne: Cambridge Scholars Publishing.
- Faber, P., León Araúz, P. & Reimerink, A. (2014) Representing environmental knowledge in EcoLexicon. In *Languages for Specific Purposes in the Digital Era*. Educational Linguistics, 19:267-301. Springer.
- Faber, P. & León-Araúz, P. (2014) Specialized knowledge dynamics: From cognition to culture-bound terminology. In *Dynamics and Terminology. An interdisciplinary perspective on monolingual and multilingual culture-bound communication*, edited by Temmerman, R. & Van Campenhout, M. Terminology and Lexicography Research and Practice, 16:135-158. Amsterdam/Philadelphia: John Benjamins. doi:10.1075/tlrp.16.08fab.
- Faber, P., Verdejo, J., León Araúz, P., Reimerink, A. & Guzmán, G. (2014) Neural Substrates of Specialized Knowledge Representation: An fMRI study. *Revue française de linguistique appliquée*, 19(1):15-32. Pub. linguistiques.
- León Araúz, P. (2014) Semantic Relations and Local Grammars for the Environment. In *Formalising Natural Languages with NooJ 2013*, edited by Joeva, S., Mesfar, S. & Silberztein, M., pages 87-102. Newcastle-upon-Tyne: Cambridge Scholars Publishing.
- León Araúz, P. & Faber, P. (2014) Context and Terminology in the Multilingual Semantic Web. In *Towards the Multilingual Semantic Web*, edited by Buitelaar, P. & Cimiano, P., pages 31-47. Springer Berlin Heidelberg. doi:10.1007/978-3-662-43585-4_3.
- León Araúz, P., Reimerink, A. & Faber, P. (2013) Multidimensional and Multimodal Information in EcoLexicon. In *Computational Linguistics*, edited by Przepiórkowski, A., Piasecki, M., Jassem, K. & Fuglewicz, P. Studies in Computational Intelligence, 458:143-161. Springer Berlin Heidelberg. doi:10.1007/978-3-642-34399-5_8.
- León Araúz, P., Reimerink, A. & García Aragón, A. (2013) Dynamism and context in specialized knowledge. *Terminology*, 19(1):31-61. John Benjamins Publishing Company. doi:10.1075/term.19.1.02leo.
- León Araúz, P., Faber, P. & Montero Martínez, S. (2012) Specialized Language Semantics. In *A cognitive linguistics view of terminology and specialized language*, edited by Faber, P., 20:95-175. Berlin, Boston: De Gruyter Mouton.
- Faber, P. & León Araúz, P. (2010) Dinamismo conceptual en las bases de conocimiento terminológico: el caso de EcoLexicon. *Íkala, revista de lenguaje y cultura*, 15(25):75-100.
- Faber, P., León Araúz, P. & Prieto Velasco, J.A. (2009) Semantic relations, dynamicity, and terminological knowledge bases. *Current Issues in Language Studies*, 1(1):1-23.
- León Araúz, P. (2008) Representación multidimensional del conocimiento especializado. In *Aproximaciones cognitivas al estudio de la traducción y la interpretación*, edited by Fernández Sánchez, M.M. & Muñoz Martín, R., pages 205-258. Comares.

Faber, P., León Araúz, P., Prieto Velasco, J.A. & Reimerink, A. (2007) Linking images and words: the description of specialized concepts. *International Journal of Lexicography*, 20(1):39-65. Oxford Univ Press. doi:10.1093/ijl/ecl038.

Faber, P., Montero Martínez, S., Castro Prieto, M.R., Senso Ruiz, J., Prieto Velasco, J.A., León Arauz, P., Márquez Linares, C. & Vega Expósito, M. (2006) Process-oriented terminology management in the domain of Coastal Engineering. *Terminology*, 12(2):189-213. John Benjamins Publishing Company. doi:10.1075/term.12.2.03fab.