

## Pubblicazioni scientifiche

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### Riviste

1. Colla, D., Delsanto, M., & Radicioni, D. P. (2022). Semantic Coherence Dataset: Speech Transcripts. *Data in Brief*, vol.46, 108799. <https://doi.org/10.1016/j.dib.2022.108799>
2. Colla, D., Delsanto, M., Agosto, M., Vitiello, B., & Radicioni, D. P. (2022). Semantic coherence markers: The contribution of perplexity metrics. *Artificial Intelligence in Medicine*, 134, 102393. <https://doi.org/10.1016/j.artmed.2022.102393>; <https://www.sciencedirect.com/science/article/pii/S0933365722001440>
3. Colla, D., Goy, A., Leontino, M., Magro, D., & Picardi, C. (2021). Bringing Semantics into Historical Archives with Computer-aided Rich Metadata Generation. *ACM Journal on Computing and Cultural Heritage*.
4. Colla, D., Goy, A., Leontino, M., & Magro, D. (2021). Wikidata Support in the Creation of Rich Semantic Metadata for Historical Archives. *Applied Sciences*, 11(10), 4378.
5. Mensa, E., Colla, D., Dalmasso, M., Giustini, M., Mamo, C., Pitidis, A., & Radicioni, D. P. (2020). Violence detection explanation via semantic roles embeddings. *BMC medical informatics and decision making*, 20(1), 1-13.
6. Colla, D., Mensa, E., & Radicioni, D. P. (2020). Sense identification data: A dataset for lexical semantics. *Data in Brief*, 32, 106267.
7. Colla, D., Mensa, E., & Radicioni, D. P. (2020). Novel metrics for computing semantic similarity with sense embeddings. *Knowledge-Based Systems*, 206, 106346.
8. Goy, A., Colla, D., Magro, D., Accornero, C., Loreto, F., & Radicioni, D. P. (2020). Building semantic metadata for historical archives through an ontology-driven user interface. *Journal on Computing and Cultural Heritage (JOCCH)*, 13(3), 1-36.
9. Colla, D., Mensa, E., & Radicioni, D. P. (2020). LessLex: Linking multilingual embeddings to SenSe representations of LEXical items. *Computational Linguistics*, 46(2), 289-333.

### Conference proceedings

1. Colla, D., Delsanto, M., & Di Nuovo, E. (2023). ELICODE at MultiGED2023: fine-tuning XLM-RoBERTa for multilingual grammatical error detection. In *LINKÖPING ELECTRONIC CONFERENCE PROCEEDINGS* (Vol. 197, pp. 24-34). Linköping University Electronic Press.
2. Mensa E., Liberatore D., Colla D., Delsanto M., Giustini M. & Radicioni D. P. (2022). Road Accidents: Information Extraction from Clinical Reports. *HC@AlxIA 2022: 1st AlxIA Workshop on Artificial Intelligence For Healthcare, November 28 – December 02, 2022, Udine*.
3. Demaria R., Delsanto M., Colla D., Mensa E., Pasini E., & Radicioni D. P. (2022). Shuffling-Based Data Augmentation for Argument Mining. *AI3@AlxIA 2022: 6th*

*Workshop on Advances in Argumentation in Artificial Intelligence, November 28 – December 02, 2022, Udine.*

4. A. Goy, C. Re, D. Colla, M. Leontino. Turning 1968 memories into usable texts, *Proceedings of the First International Conference on Recent Advances in Digital Humanities (RADH 2021)*, University of Bucharest, Romania, 2021
5. Mensa, E., Marino, G. M., Colla, D., Delsanto, M., & Radicioni, D. P. (2021). A resource for detecting misspellings and denoising medical text data. In *CLiC-it 2020 Italian Conference on Computational Linguistics 2020* (Vol. 2769, pp. 1-7). CEUR
6. D. Colla, T. Caselli, V. Basile, J. Mitrovic, and M. Granitzer (2020, December). GruPaTo at SemEval-2020 Task 12: Retraining mBERT on social media and fine-tuned offensive language models . In *Proceedings of the Fourteenth Workshop on Semantic Evaluation* (pp. 1546-1554).
7. D. Colla, M. Leontino, E. Mensa, D. P. Radicioni (2019). From Sartre to Frege in three steps: A\* search for enriching semantic text similarity measures. In *Proceedings of the Sixth Italian Conference on Computational Linguistics* (pp. 131-138). CEUR.
8. A. Goy, C. Accornero, D. Astrologo, D. Colla, M. D'Ambrosio, R. Damiano, M. Leontino, A. Lieto, F. Loreto, D. Magro, E. Mensa, A. Montanaro, V. Mosca, S. Musso, D. P. Radicioni and C. Re (2019). Fruitful Synergies between Computer Science, Historical Studies and Archives: The Experience in the PRiSMHA Project. In *Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management - Volume 3: KMIS*, Vienna. September 2019 (pp. 225-230).
9. D. Colla, E. Mensa, D. P. Radicioni and A. Lieto (2018). Conceptual abstractness: from nouns to verbs. In *Proceedings of the Fifth Italian Conference on Computational Linguistics (CLiC-IT 2018)*, Torino. December 2018 (pp. 70-75). CEUR Workshop Proceedings.
10. Colla, D., Mensa, E., Radicioni, D. P., & Lieto, A. (2018). Tell me why: Computational explanation of conceptual similarity judgments. In *Proceedings of the 17th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU)*, Special Session on Advances on Explainable Artificial Intelligence, Cadiz, Spain, June, 2018 (pp. 74-85). Springer, Cham.
11. A. Goy, R. Damiano, F. Loreto, D. Magro, S. Musso, D. P. Radicioni, C. Accornero, D. Colla, A. Lieto, E. Mensa, M. Rovera, D. Astrologo, B. Boniolo and M. D'Ambrosio (2017). PRiSMHA (Providing Rich Semantic Metadata for Historical Archives): background, motivations, and challenges. In *Proceedings of the Joint Ontology Workshops 2017 Episode 3: The Tyrolean Autumn of Ontology*, Bolzano, Italy, September, 2017.
12. D. Colla, E. Mensa and D. P. Radicioni (2017, November). Semantic measures for keywords extraction. In *Proceedings of AI\*I\*A 2017 Advances in Artificial Intelligence: XVIth International Conference of the Italian Association for Artificial Intelligence*. Bari, Italy, November, 2017 (pp. 128-140). Springer, Cham.