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You can browse GEIST members' publication from last years below:

2022

1. K. Kutt, D. Drażyk, L. Żuchowska, M. Szelażek, S. Bobek, and G. J. Nalepa, "**BIRAFFE2, a multimodal dataset for emotion-based personalization in rich affective game environments**," *Sci. Data*, vol. 9, no. 1, p. 274, 2022, doi: [10.1038/s41597-022-01402-6](https://doi.org/10.1038/s41597-022-01402-6).
2. J. Jakubowski, P. Stanisiz, S. Bobek, and G. J. Nalepa, "**Anomaly Detection in Asset Degradation Process Using Variational Autoencoder and Explanations**," *Sensors*, vol. 22, no. 1, p. 291, 2022, doi: [10.3390/s22010291](https://doi.org/10.3390/s22010291).
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5. M. Kuk, S. Bobek, and G. J. Nalepa, "**Comparing Explanations from Glass-Box and Black-Box Machine-Learning Models**," in *Computational Science - ICCS 2022 - 22nd International Conference, London, UK, June 21-23, 2022, Proceedings, Part III*, 2022, vol. 13352, pp. 668–675, doi: [10.1007/978-3-031-08757-8_55](https://doi.org/10.1007/978-3-031-08757-8_55).

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1. V. Rodriguez-Fernández, A. Trzcionkowska, A. González-Pardo, E. Brzychczy, G. J. Nalepa, and D.

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6. G. J. Nalepa, "**Techniques for Construction and Integration of Rule Bases**," in *Advances in Data Analysis with Computational Intelligence Methods - Dedicated to Professor Jacek Żurada*, 2018, vol. 738, pp. 203–223, doi: [10.1007/978-3-319-67946-4_8](https://doi.org/10.1007/978-3-319-67946-4_8).
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