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Academic Qualifications

University/Institution	Type	Degree	Period
Universidade de São Paulo Instituto de Matemática e Estatística	PhD	Ciência da Computação	2018
Centro Federal de Educação Tecnológica de Minas Gerais - Campus II	M.Sc.	Modelagem Matemática e Computacional	2008
Universidade Federal de Minas Gerais Instituto de Ciências Exatas	Bachelor of Science	Matemática Computacional	2007

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2026/2027	2º	Big Data Processing	Bachelor Degree in Data Science (PL);	No

2026/2027	2º	Symbolic Artificial Intelligence for Data Science	Bachelor Degree in Data Science (PL); Bachelor Degree in Data Science;	No
2026/2027	2º	Big Data Processing and Modeling	Institutional Degree in Escola de Tecnologias e Arquitetura;	No
2026/2027	1º	Knowledge and Reasoning in Artificial Intelligence	Master Degree in Artificial Intelligence;	No
2026/2027	1º	Machine Learning for Telecommunications	Master Degree in Telecommunications and Computer Engineering;	No
2025/2026	2º	Big Data Processing	Bachelor Degree in Data Science (PL);	No
2025/2026	2º	Symbolic Artificial Intelligence for Data Science	Bachelor Degree in Data Science (PL); Bachelor Degree in Data Science;	No
2025/2026	2º	Big Data Processing and Modeling	Institutional Degree in Escola de Tecnologias e Arquitetura;	No

Supervisions

• M.Sc. Dissertations

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Diogo Miguel Pimpão Vilela	A Lakehouse to support mobile networks management	English	Iscte	2024

Total Citations

Web of Science®	22
Scopus	50

Publications

• Other Publications

- Non-peer-reviewed papers

1	<p>Freitas, Cristina, Eleutério, João, Soares, G., Enea, Maria, Nunes, Daniela, Fortunato, Elvira...et al (2025). Towards Rapid and Low-Cost Stroke Detection Using SERS and Machine Learning. Biosensors. 15 (3), 136</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 5 - Times Cited Scopus: 6 - Times Cited Google Scholar: 7
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2	<p>Andre Fujita, Eduardo Silva Lira, Suzana de Siqueira Santos, Silvia Yumi Bando, Soares, G., Daniel Yasumasa Takahashi...Xiang Li (2019). A semi-parametric statistical test to compare complex networks. <i>Journal of Complex Networks</i>.</p> <p>- Times Cited Web of Science®: 5 - Times Cited Scopus: 5 - Times Cited Google Scholar: 9</p>
3	<p>Soares, G., Henrique E. Borges, Rogerio M. Gomes, Gustavo M. Zeferino & Antônio P. Braga (2011). Emergence of synchronicity in a self-organizing spiking neuron network: an approach via genetic algorithms. <i>Natural Computing</i>. 11 (3), 405-413</p> <p>- Times Cited Web of Science®: 4 - Times Cited Scopus: 4 - Times Cited Google Scholar: 6</p>

- Other publications

1	<p>Diogo Clemente, Lucio Ferreira, Soares, G., Nuno Valente & Pedro Sebastiao (2018). Implementation of a Cloud-based, Traffic Aware and Energy Efficient Management of Base Stations' Activity.</p> <p>- Times Cited Web of Science®: 8 - Times Cited Scopus: 6 - Times Cited Google Scholar: 8</p>
2	<p>Gustavo M. Zeferino, Rogerio M. Gomes, Henrique E. Borges & Soares, G. (2016). Construção De Detector De Estímulo Com Neurônio Pulsante Via Evolução Diferencial.</p>
3	<p>Soares, G., Henrique E. Borges, Rogerio M. Gomes & Geraldo M. C. Oliveira (2010). Synthesis of frequency generator via spiking neurons network: A genetic algorithm approach.</p> <p>- Times Cited Scopus: 2 - Times Cited Google Scholar: 3</p>
4	<p>Soares, G., H E Borges, R M Gomes & G M C Oliveira (2010). Emergence of Neuronal Groups on a Self-Organized Spiking Neurons Network Based on Genetic Algorithm.</p> <p>- Times Cited Scopus: 5 - Times Cited Google Scholar: 9</p>
5	<p>Marco T. A. Rodrigues, Fhivio L. C. Padua, Rogerio M. Gomes & Soares, G. (2010). Automatic fish species classification based on robust feature extraction techniques and artificial immune systems.</p> <p>- Times Cited Scopus: 22 - Times Cited Google Scholar: 33</p>