

# **CEAUL REPORT -**

**(Members of CEAUL in bold and underlined)**

## **BOOKS CHAPTER INTERNATIONAL**

**(6)**

Borda-de-Água L, Alirezazadeh S, **Neves M**, Hubbell SP, Borges PAV, Cardoso P, Dionísio F and Pereira HM (2022). Species Accumulation Curves and Extreme Value Theory. In Thomas J. Matthews, Kostas A. Triantis, Robert J. Whittaker, *The Species–Area Relationship. Theory and Application*, 211-226, Cambridge University Press, DOI: [10.1017/9781108569422](https://doi.org/10.1017/9781108569422), ISBN: 9781108569422, URL: <https://doi.org/10.1017/9781108569422>, First publication online; the book appeared later.

Brkić H and **Palmela Pereira C** (2022). Forensic dentistry. In Marin Vodanović and Kurt W. Alt, *Essentials of Dental Medicine*, 294-301, Naklada Slap, ISBN: 978-953-191-953-1, URL: <https://www.nakladasperlap.com/public/docs/knjige/essentials%20contents.pdf>, Graphic design NAKLADA SLAP, 2022..

**Gomes MI**, **Henriques-Rodrigues L** and **Pestana D** (2022). A Generalized Mean Under a Non-Regular Framework and Extreme Value Index Estimation. In Zafeiris. KN, Dimotikalis. Y, Skiadas CH, Karagrigoriou A and Karagrigoriou-Vonta. C, *Data Analysis and Related Applications 2*, 237-250, iSTE Wiley, ISBN: 9781786307729, URL: <https://www.iste.co.uk/data/doc1-8-7-22-15-44-07.pdf>.

**Ramos FR**, Lopes DR and Pratas TE (2022). Deep Neural Networks: A Hybrid Approach Using Box&Jenkins Methodology. *Innovations in Mechatronics Engineering II. icieng 2022. Lecture Notes in Mechanical Engineering*, 51-62, Springer International Publishing, DOI: [10.1007/978-3-031-09385-2\\_5](https://doi.org/10.1007/978-3-031-09385-2_5), ISBN: 978-3-031-09385-2, URL: [https://link.springer.com/chapter/10.1007/978-3-031-09385-2\\_5](https://link.springer.com/chapter/10.1007/978-3-031-09385-2_5).

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URL: [https://link.springer.com/referenceworkentry/10.1007/978-3-030-26050-7\\_454-1](https://link.springer.com/referenceworkentry/10.1007/978-3-030-26050-7_454-1),

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Simões P, Carvalho ML, Aleixo SM, Gomes S and Natário I (2022). Health Line Saúde24: An Econometric Spatial Analysis of Its Use. In Faruque, F.S., *Geospatial Technology for Human Well-Being and Health*, 91-118, Springer, DOI: [10.1007/978-3-030-71377-5](https://doi.org/10.1007/978-3-030-71377-5), ISBN: 978-3-030-71376-8.

## PUBLICATIONS INTERNATIONAL

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Aguiar Rosa S, Lopes LR, Branco L, Galrinho A, Fiarresga A, Thomas B, Brás P, Gonçalves A, Cardoso I, Papoila AL, Alves M, Rio P, Cruz I, Selas M, Silva F, Silva A, Ferreira RC, Carmo MM, (2022). Blunted coronary flow velocity reserve is associated with impairment in systolic function and functional capacity in hypertrophic cardiomyopathy, *International Journal of Cardiology*, 359, 61-68 (DOI: 10.1016/j.ijcard.2022.04.032).

Albuquerque J, Medeiros, AM, Alves, AC, Bourbon, M and Antunes M (2022). Performance comparison of different classification algorithms applied to the diagnosis of familial hypercholesterolemia in pediatric subjects, *Scientific Reports*, 12: 1164, DOI: [10.1038/s41598-022-05063-8](https://doi.org/10.1038/s41598-022-05063-8), URL: <https://www.nature.com/articles/s41598-022-05063-8>.

Albuquerque J, Medeiros, AM, Alves, AC, Bourbon, M and Antunes M (2022). Comparative study on the performance of different classification algorithms, combined with pre- and post-processing techniques to handle imbalanced data, in the diagnosis of adult patients with familial hypercholesterolemia, *PLoS One*, 17(6): e0269713, DOI: [10.1371/journal.pone.0269713](https://doi.org/10.1371/journal.pone.0269713), URL: <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0269713>.