



**FAMILY NAME** Ventura Garcia **NAME:** Patrícia

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#### **AFILIATION**

**UNIVERSITY:** University of the Azores, Faculty of Sciences & Technology

**ADDRESS:** Rua da Mãe de Deus s/n, 9500-801 Ponta Delgada, Açores, Portugal.

#### **CURRENT POSITIONS:**

- Associate Professor (University of Azores)
- Deputy Director of the Azorean Biodiversity Group (cE3c - GBA), University of Azores
- Head of the research group "Environmental Risks & Society" of the **Centre for Ecology, Evolution and Environmental Changes (cE3c)** (present) (<http://ce3c.ciencias.ulisboa.pt/>)
- Member of the Senate of the University of Azores (present)
- Member of the Assembly of the Faculty of Sciences and Technology, University of the Azores (present)
- Director of the Master on Biomedical Sciences (present)
- Institutional Coordinator of the Erasmus Mundus Master on Marine Environment and Resources (present)

#### **OTHER PREVIOUS FUNCTIONS:**

- Head of the Faculty of Sciences and Technology, University of the Azores (2016-2019).
- Member of the Scientific Council of the University of Azores (2021-2022; 2016-2019; 2001-2009)
- Chair of Education Accreditation Commission (UAc) (2015-2016)
- Departmental Coordinator of Erasmus Mobility Programs, University of Azores (2008-2016)

#### **MAIN AREAS OF INTEREST:**

Ecotoxicology  
Environmental health

#### **EXPERTISE (key-words):**

Biomarkers  
Bioindicators  
Heavy metals  
Air quality  
Biomonitoring  
Natural & anthropogenic pollutants  
Risk assessment

#### **BRIEF DESCRIPTION:**

Professor of Ecotoxicology, Environmental Health, Histology and Entomology at the University of Azores since 2001 (Bachelor, Master and Doctoral courses). Head of the Faculty of Sciences and Technology, University of the Azores (2016-2019). Leader (since 2014) of Island Environmental Risks & Society (IERS) group of the FCT research Centre for Ecology, Evolution and Environmental Changes (cE3c). Deputy Director of the Azorean Biodiversity Group (cE3c - GBA), University of Azores (since 2015). Ph.D. in Biology at the University of Azores (2001). Supervision of post-graduate students: 4 pos-doc, 5 PhD and 25 master students. 70 scientific publications (ISI journals and book chapters; H Index= 17), and >80 contributions at national and international conferences (regular presentations and invited talks). My current research is mainly focused on the ecotoxicological effects of natural pollutants (vulcanogenic pollutants) and anthropogenic pollutants (e.g., agrochemicals, air pollutants emissions) on human population and other organisms (aquatic and terrestrial). For the last years I have been involved in environmental health and risk assessment research in islands, using as model the natural and urban ecosystems of the Azores. My current research is driven by two main objectives: i) to evaluate the ecotoxicological impacts of agricultural management in volcanic islands; and, ii) to assess the environmental and human health risks in volcanically active environments.

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**RESEARCH PROJECTS**

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**2021-2023- [SAREPA-Fase I] Caracterização da situação ambiental de referência na área envolvente ao Ecoparque I de São Miguel.** DIREÇÃO REGIONAL DA CIÊNCIA E TRANSIÇÃO DIGITAL, GOVERNO REGIONAL DOS AÇORES [M1.1.C/I.E./001/2021]. [Researcher]

**2017-2020- [BIOINVENT] Generic bio-inventory of functional soil microbial diversity in permanent grassland ecosystems across management and climate gradients.** FUNDO REGIONAL PARA A CIÊNCIA E TECNOLOGIA (FRCT) (M1.1.C/2/001/2017) - BIODIVERSA ERA-NET. [Researcher]

**2019-2020- Estudo sobre o cancro nos Açores.** SECRETARIA REGIONAL DA SAÚDE, GOVERNO REGIONAL DOS AÇORES. [researcher]

**2016-2017- To what extent acute exposure to volcanic gases affects cells of the respiratory epithelium, peripheral oxygen saturation and lung function?** FUNDAÇÃO CALOUSTE GULBENKIAN. [Researcher]

**2012-2016- [HOLI-BioPest] Development of an integrated biomonitorization program for pesticide exposure in agricultural ecosystems: a holistic approach.** FUNDAÇÃO LUSO-AMERICANA PARA O DESENVOLVIMENTO (FLAD) (Proj. 59/2012). [PI]

**2012-2014- [BIOAIR] Biomonitoring air pollution: development of an integrated system.** DIREÇÃO REGIONAL PARA A CIÊNCIA, TECNOLOGIA E COMUNICAÇÃO (DRCTC) (M2.1.2/I/008/2011). [Researcher]

**2012-2014- [BIOAIR] Biomonitoring air pollution: development of an integrated system.** DIREÇÃO REGIONAL PARA A CIÊNCIA, TECNOLOGIA E COMUNICAÇÃO (DRCTC) (M2.1.2/I/008/2011). [Researcher]

**2009-2012- [EDEN] Caracterização e fiabilidade de bioindicadores para a gestão da biodiversidade em ecossistemas insulares.** FUNDAÇÃO LUSO-AMERICANA PARA O DESENVOLVIMENTO (FLAD) (Proj. 121/2009). [Researcher]

**2009- 2012 – [PRO-BIO] Profiling Reliable Organisms as Bioindicators: an integrated approach for island systems.** DIREÇÃO REGIONAL PARA A CIÊNCIA E TECNOLOGIA E COMUNICAÇÃO (DRCT) [Proj. 121/2009]. [Researcher]

**2008- 2011 – [VED] Caracterização de parâmetros e patologia das glândulas endócrinas reprodutivas e tiróide em ratos expostos de forma crónica ao ambiente vulcânico.** DIREÇÃO REGIONAL PARA A CIÊNCIA E TECNOLOGIA (DRCT) (M2.1.2/I/004/2008). [Researcher]

**2008- 2011 – [S.A.F.E.] Safeguard Azorean Fragile Ecosystems: Risk assessment and key bioindicators.** DIREÇÃO REGIONAL PARA A CIÊNCIA E TECNOLOGIA (DRCT) (M2.1.2/I/008/2008). [Researcher]

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**RESEARCH PROJECTS FUNDED BY PRIVATE COMPANIES**

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**2021-2023- [SAREPA-Fase II] Caracterização da situação ambiental de referência na área envolvente ao Ecoparque I de São Miguel.** MUSAMI – OPERAÇÕES MUNICIPAIS DO AMBIENTE, E.I.M., S.A. [Researcher]

**2016-2017- LACTIS+ - Biodisponibilidade ambiental de iodo e selénio em ambiente vulcânico: solo, erva de pastagem e leite da ilha de S. Miguel, Açores.** UNILEITE, UCRL. [researcher]

**2012-2013- ARAUTO- Biomonitorização da qualidade do ar em Ponta Delgada.** Varela S.A. [researcher]

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**PUBLICATIONS**

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**PAPERS (INDEXED JOURNALS WITH IMPACT FACTOR): Total= 63****Published in the last 10 years**

63. LINHARES, D., GARCIA, P., PIMENTEL, A., GASPAR, D., & RODRIGUES, A.S. (2024). Using cattle hair to assess exposure to essential trace elements in volcanic soils. *Journal of Trace Elements in Medicine and Biology*,

- Vol 81, 127345. DOI: doi.org/10.1016/j.jtemb.2023.127345, Fator de Impacto (JCR©2022): 3.5; (SJR©2022): 0.625; Q1 Inorganic Chemistry. Para acertar nas contas
62. NAVARRO-SEMPERE, A., MARTÍNEZ-PEINADO, P., RODRIGUES, A.S., GARCIA, P.V., CAMARINHO, R., GRINDLAY, G., GRAS, L., GARCIA, M. & SEGOVIA Y (2023). Metallothionein expression in the central nervous system in response to chronic heavy metal exposure: possible neuroprotective mechanism. *Environmental Geochemistry and Health*. DOI: doi.org/10.1007/s10653-023-01722-5. Fator de Impacto (JCR©2022): 4.898; (SJR©2022): 0.925; Q1 Environmental Science (miscellaneous).
61. LINHARES, ROCHA, J., RODRIGUES, A., CAMARINHO, R. & GARCIA, P. (2023). Evaluation of Respiratory, Genotoxic and Cytotoxic Effects from Occupational Exposure to Typography Activities. *Atmosphere* 2023, 14(3), 562. DOI: doi.org/10.3390/atmos14030562. Fator de Impacto (JCR©2021): 3.110; (SJR©2021): 0.692; Q2 Environmental Science (miscellaneous).
60. BERNARDO, F., GARCIA, P. & RODRIGUES, A. (2023). Air quality at Ponta Delgada city (Azores) is unaffected so far by growing cruise ship transit in recent years. *Atmosphere* 2023, 14, 188. DOI: doi.org/10.3390/atmos14010188. Fator de Impacto (JCR©2021): 3.110; (SJR©2021): 0.692; Q2 Environmental Science (miscellaneous).
59. LINHARES, D., GASPAR, D., GARCIA, P. & RODRIGUES, A. (2022). Drinking bottled and tap water for healthier living in volcanic areas: are all waters the same? *Water* 2022, 14, 2424. DOI: doi.org/10.3390/w14152424. Fator de Impacto (JCR©2021): 3.530; (SJR©2021): 0.716; Q1 Aquatic Science.
58. BAILOTE, H.B., LINHARES, D., CARVALHO, C., PRAZERES, S., RODRIGUES, A.S. & GARCIA, P. (2022). Iodine intake and related cognitive function impairments in elementary schoolchildren. *Biology*, 11, 1507. DOI: doi.org/10.3390/biology11101507. Fator de Impacto (JCR©2021): 5.168; (SJR©2021): 0.903; Q1 Agricultural and Biological Sciences (miscellaneous).
57. NAVARRO-SEMPERE, A., GARCIA, M., RODRIGUES, A., GARCIA, P., CAMARINHO, R. & SEGOVIA Y. (2021). Occurrence of volcanogenic inorganic mercury in wild mice spinal cord: potential health implications. *Biological Trace Element Research*, 200: 2838-2847. DOI: doi.org/10.1007/s12011-021-02890-0. Fator de Impacto (JCR©2020): 3.738; (SJR©2020): 0.649; Q2 Medicine (miscellaneous).
56. NAVARRO-SEMPERE, A., MARTÍNEZ-PEINADO, P., RODRIGUES, A., GARCIA, P., CAMARINHO, R., GARCIA, M. & SEGOVIA Y. (2021). The health hazards of volcanoes: first evidence of neuroinflammation in the hippocampus of mice exposed to active volcanic surroundings. *Mediators of Inflammation*, Volume 2021, Article ID 5891095. DOI: doi.org/10.1155/2021/5891095. Fator de Impacto (JCR©2020): 4.711; (SJR©2020): 1.37; Q2 Cell Biology.
55. CAMARINHO, R., MADRERO PARDO, A., GARCIA, P. & RODRIGUES, A. (2021). Epithelial morphometric alterations and mucosecretory responses in the nasal cavity of mice chronically exposed to hydrothermal emissions. *Environmental Geochemistry and Health*, 43(11):4863-4867. DOI: doi.org/10.1007/s10653-021-01067-x. Fator de Impacto (JCR©2020): 4.609; (SJR©2020): 0.855; Q1 Environmental Science (miscellaneous).
54. CAMARINHO, R., A. NAVARRO-SEMPERE, P.V. GARCIA, M. GARCÍA, Y. SEGOVIA, A.S. RODRIGUES (2021). Chronic exposure to volcanic gaseous elemental mercury: using wild *Mus musculus* to unveil its uptake and fate. *Environmental Geochemistry and Health*. DOI: 10.1007/s10653-021-00924-z. Fator de Impacto (JCR©2020): 4.609; (SJR©2020): 0.855; Q1 Environmental Science (miscellaneous).
53. CAMARINHO, R., P. GARCIA, H. CHOI, A.S. RODRIGUES (2021). Pulmonary oxidative stress and apoptosis in mice chronically exposed to hydrothermal volcanic emissions. *Environmental Science and Pollution Research*, 28: 35709-35716. DOI: 10.1007/s11356-021-13043-0. Fator de Impacto (JCR©2020): 4.223; (SJR©2020): 0.845; Q2 Health, Toxicology and Mutagenesis & Pollution.
52. LINHARES, D., A. PIMENTEL, P. GARCIA, A. RODRIGUES (2021). Deficiency of essential elements in volcanic soils: potential harmful health effects on grazing cattle. *Environmental Geochemistry and Health*. DOI: 10.1007/s10653-021-00874-6. Fator de Impacto (JCR©2020): 4.609; (SJR©2020): 0.855; Q1 Environmental Science (miscellaneous).
51. PARELHO, C., A. RODRIGUES, M.C. BARRETO, J.V. CRUZ, F. RASCHE, L. SILVA, P. GARCIA. (2021). Bioaccumulation and potential ecotoxicological effects of trace metals along a management intensity gradient in volcanic pasturelands. *Chemosphere*, 273: 128601. DOI: 10.1016/j.chemosphere.2020.128601. Fator de Impacto

- (JCR©2020): 7.086; (SJRC©2020): 1.632; Q1 Public Health, Environmental and Occupational Health & Health, Toxicology and Mutagenesis & Medicine (miscellaneous) & Environmental Chemistry.
50. NAVARRO-SEMPERE, A., Y. SEGOVIA, A.S. RODRIGUES, P.V. GARCIA, R. CAMARINHO, M. GARCÍA (2021). First record on mercury accumulation in mice brain living in active volcanic environments: a cytochemical approach. *Environmental Geochemistry and Health*, 43:171-183. DOI: 10.1007/s10653-020-00690-4. Fator de Impacto (JCR©2020): 4.609; (SJRC©2020): 0.855; Q1 Environmental Science (miscellaneous).
49. NAVARRO, A., M. GARCIA, A.S. RODRIGUES, P.V. GARCIA, R. CAMARINHO, Y. SEGOVIA (2021). Reactive astrogliosis in the dentate gyrus of mice exposed to active volcanic environments. *Journal of Toxicology and Environmental Health - Part A Current Issues*, 84 (5): 213-226. DOI: 10.1080/15287394.2020.1850381. Fator de Impacto (JCR©2020): 2.527; (SJRC©2020): 0.714; Q2 Health, Toxicology and Mutagenesis.
48. CAMARINHO, R., P. GARCIA, A. MENDONÇA, A. RODRIGUES (2021). First report on the prevalence of *Klossiella muris* in *Mus musculus* for S. Miguel Island – Azores (Portugal). *Veterinary Parasitology- Regional Studies and Reports*. 23: 1-4. (JCR©2020): 1,732; (SJRC©2020): 0.564; Q2 Veterinary (miscellaneous).
47. BERNARDO, F., A. RODRIGUES, C. BRANQUINHO & P. GARCIA (2021). Elemental profile of native lichens displaying the impact by agricultural and artificial land uses in the Atlantic island of São Miguel, Azores. *Chemosphere*, 267:1 128887. DOI: 10.1016/j.chemosphere.2020.128887. Fator de Impacto (JCR©2020): 7.086; (SJRC©2020): 1.632; Q1 Public Health, Environmental and Occupational Health & Health, Toxicology and Mutagenesis & Medicine (miscellaneous) & Environmental Chemistry.
46. BERNARDO, F. T. ROCHA, C. BRANQUINHO, P. GARCIA, A.S. RODRIGUES (2020). Thallus structural alterations in green-algal lichens as indicators of elevated CO<sub>2</sub> in a degassing volcanic area. *Ecological Indicators*, 267 (128887). DOI: 10.1016/j.ecolind.2020.106326. Fator de impacto (JCR©2020): 4.958; (SJRC©2020): 1.315; Q1 Ecology.
45. SILVA, V., F. PEIXOTO, C. PARELHO, P. GARCIA, A. RODRIGUES, I. CARVALHO, J.E. PEREIRA, G. IGREJAS, P. POETA (2020). Occurrence of ESBL-producing *Escherichia coli* in soils subjected to livestock grazing in Azores archipelago. An environment-health pollution issue? *International Microbiology*, 23: 619-624. DOI: 10.1007/s10123-020-00134-0. Fator de impacto (JCR©2020): 2.479; (SJRC©2020): 0.578; Q3 Microbiology.
44. LINHARES, D., A. PIMENTEL, C. BORGES, J.V. CRUZ, P. GARCIA, A.S. RODRIGUES (2019). Cobalt distribution in the soils of São Miguel Island (Azores): From volcanoes to health effects. *Science of the Total Environment*, 684, 715-721. Fator de impacto (JCR©2019): 6.551; (SJRC©2019): 1.661; Q1 Pollution.
43. CAMARINHO, R., P.V. GARCIA, H. CHOI, A.S. RODRIGUES (2019). Chronic exposure to non-eruptive volcanic activity as cause of bronchiolar histomorphological alteration and inflammation in mice. *Environmental Pollution*, 253, 864-871. Fator de Impacto (JCR©2019): 6.793; (SJRC©2019): 1.968; Q1 Pollution & Toxicology & Health, Toxicology and Mutagenesis.
42. BERNARDO, F., P. PINHO, P. MATOS, F. VIVEIROS, C. BRANQUINHO, A. RODRIGUES, P. GARCIA (2019). Spatially modelling the risk areas of chronic exposure to hydrothermal volcanic emissions using lichens. *Science of the Total Environment*, 697: 1-9. 133891, DOI: 10.1016/j.scitotenv.2019.133891. Fator de Impacto (JCR©2019): 6.551; (SJRC©2019): 1.661; Q1 Pollution
41. BARBOSA, R., C. PINTO, P. GARCIA, A. RODRIGUES (2019). Prevalence of fasciolosis in slaughtered dairy cattle from São Miguel Island, Azores, Portugal. *Veterinary Parasitology: Regional Studies and Reports*. 17: 1-6. DOI: 10.1016/j.vprsr.2019.100319. (JCR©2019):0.928; (SJRC©2019): 0.429; Q2 Veterinary (miscellaneous).
40. CAMARINHO, R., P.V. GARCIA, H. CHOI, A.S. RODRIGUES (2019). Overproduction of TNF- $\alpha$  and lung structural remodelling due to chronic exposure to volcanogenic air pollution. *Chemosphere*, 222: 227-234. Fator de Impacto (JCR©2019): 5.778; (SJRC©2019): 1.53; Q1 Health, Toxicology and Mutagenesis & Medicine (miscellaneous) & Environmental Chemistry.
39. TORRES, L.A., A.S. RODRIGUES, D. LINHARES, R. CAMARINHO, Z.M.N.P.S. REGO, P.V. GARCIA (2019). Buccal epithelial cell micronuclei: Sensitive, non-invasive biomarkers of occupational exposure to low doses of ionizing radiation. *Mutation Research/Genetic Toxicology and Environmental Mutagenesis*, 838, 54-58. Fator de impacto (JCR©2019): 2.506; (SJRC©2019): 0.654; Q2 Health, Toxicology and Mutagenesis.

38. LINHARES, D., R. CAMARINHO, P.V. GARCIA, A.S. RODRIGUES (2018). Mus musculus bone fluoride concentration as a useful biomarker for risk assessment of skeletal fluorosis in volcanic areas. *Chemosphere*, 205: 540-544. Fator de impacto (JCR©2018): 5.108; (SJRC©2018): 1.448; Q1 Health, Toxicology and Mutagenesis & Medicine (miscellaneous) & Environmental Chemistry.
37. SILVA, V., F. PEIXOTO, G. IGREJAS, C. PARELHO, P. GARCIA, I. CARVALHO, M. SOUSA, J. E. PEREIRA, A. RODRIGUES, P. POETA (2018). First report on vanA-Enterococcus faecalis recovered from soils subjected to long-term livestock agricultural practices in Azores archipelago. *International Journal of Environmental Research*, 12(1): 39-44. DOI: 10.1007/s41742-018-0068-0. Fator de Impacto (JCR©2018): 1.488; (SJRC©2018): 0.357; Q2 Environmental Science.
36. LINHARES, D., P. GARCIA, C. SILVA, J. BARROSO, N. KAZACHKOVA, R. PEREIRA, M. LIMA, R. CAMARINHO, T. FERREIRA, A. RODRIGUES (2018). DNA damage in oral epithelial cells of individuals chronically exposed to indoor radon (<sup>222</sup>Rn) in a hydrothermal area. *Environmental Geochemistry and Health*, 40:1713–1724. DOI: 10.1007/s10653-016-9893-2. Fator de Impacto (JCR©2018):3.252; (SJRC©2018): 0.759; Q2 Environmental Science (miscellaneous).
35. PARELHO C., A.S. RODRIGUES, F. BERNARDO, M.C. BARRETO, L. CUNHA, P. POETA, P. GARCIA (2018). Biological endpoints in earthworms (*Amyntas gracilis*) as tools for the ecotoxicity assessment of soils from livestock production systems, *Ecological Indicators*, 95: 984–990. Fator de impacto (JCR©2018): 4.490; (SJRC©2018): 1.352; Q1 Ecology.
34. LINHARES, D., P. GARCIA, L. AMARAL, T. FERREIRA, A. RODRIGUES (2017). Safety evaluation of fluoride content in tea infusions consumed in the Azores - a volcanic region with water springs naturally enriched in fluoride. *Biological Trace Element Research*, 179(1): 158-164, doi: 10.1007/s12011-017-0947-9. Fator de Impacto (JCR©2017): 2.361; (SJRC©2017): 0.759; Q2 Medicine (miscellaneous).
33. LINHARES D., P. GARCIA, L. AMARAL, T. FERREIRA, J. CURY, W. VIEIRA, A.S. RODRIGUES (2016). Sensitivity of two biomarkers for biomonitoring exposure to fluoride in children and women: a study in a volcanic area. *Chemosphere*, 155: 614-620. Fator de impacto (JCR©2016): 4.208; (SJRC©2016): 1.447; Q1 Medicine (miscellaneous) & Environmental Chemistry.
32. PARELHO C., F. BERNARDO, R. CAMARINHO, A.S. RODRIGUES, P.V. GARCIA (2016). Testicular damage and farming environments - an integrative ecotoxicological link. *Chemosphere*, 155: 135–141. Fator de impacto (JCR©2016): 4.208; (SJRC©2016): 1.447; Q1 Medicine (miscellaneous) & Environmental Chemistry.
31. PARELHO C., A. RODRIGUES, M.C. BARRETO, N. FERREIRA, P.V. GARCIA (2016). Assessing microbial activities in metal contaminated agricultural volcanic soils - an integrative approach. *Ecotoxicology and Environmental Safety*, 129: 242–249. Fator de Impacto (JCR©2016): 3.743; (SJRC©2016): 1.225; Q1 Health, Toxicology and Mutagenesis & Pollution & Public Health, Environmental and Occupational Health.
30. TORRES, P., A. RODRIGUES, L. CABRAL, P. GARCIA (2016). Metal concentrations in two commercial tuna species from an active volcanic region in the Mid-Atlantic Ocean. *Archives of Environmental Contamination and Toxicology*. 70: 341-347. Fator de Impacto (JCR©): 2.467; (SJRC©2016): 0.861; Q2 Pollution & Toxicology & Health, Toxicology and Mutagenesis.
29. MARCELINO, J.A.P., R. GIORDANO, P.A.V. BORGES, P.V. GARCIA, F.N. SOTO-ADAMES & A.O. SOARES (2016). Distribution and genetic variability of Staphylinidae across a gradient of anthropogenically influenced insular landscapes. *Bulletin of Insectology*, 69(1): 117-126. Fator de Impacto (JCR©2016): 1.051; (SJRC©2016): 0.584; Q2 Insect Science.
28. LINHARES D., P. GARCIA, A. ALMADA, T. FERREIRA, G. QUEIROZ, J. V. CRUZ., A.S. RODRIGUES (2015). Iodine environmental availability and human intake in oceanic islands: Azores as a case-study. *Science of the Total Environment*. 538: 531-538. Fator de Impacto (JCR©2015): 4.099; (SJRC©2015): 1.653; Q1 Pollution.
27. LINHARES D., P.V. GARCIA, F. VIVEIROS, T. FERREIRA, A.S. RODRIGUES (2015). Air pollution by hydrothermal volcanism and human pulmonary function. *BioMed Research International*. Volume 2015: Article ID 326794 pp. 1-9. Fator de Impacto (JCR©2015): 2.134; (SJRC©2016): 0.854; Q2 Biochemistry, Genetics and Molecular Biology & Medicine (miscellaneous).

26. FERREIRA, A.F., P.V. GARCIA, R. CAMARINHO, A.S. RODRIGUES (2015). Volcanogenic pollution and testicular damage in wild mice. *Chemosphere*. 132:135-141. Fator de Impacto (JCR©2015): 3.499; (SJR©2015): 1.497; Q1 Medicine (miscellaneous) & Environmental Chemistry.
25. PARELHO C., A. RODRIGUES, J.V. CRUZ, P.V. GARCIA (2014). Linking trace metals and agricultural land use in volcanic soils - A multivariate approach. *Science of the Total Environment*. 496:241-247. Fator de Impacto (JCR©2014): 4,099; (SJR©2014): 1.635; Q1 Pollution.
24. MARCELINO J.A.P., E. WEBER, L. SILVA, P.V. GARCIA, A.O. SOARES (2014) Expedient Metrics to Describe Plant Community Change Across Gradients of Anthropogenic Influence. *Environmental Management*, 54:1121-1130 Fator de Impacto (JCR©2014): 1.724; (SJR©2014): 0.884; Q1 Ecology & Pollution.
23. CAMARINHO R., P.V. GARCIA, A. RODRIGUES (2013). Chronic exposure to volcanogenic air pollution as cause of lung injury. *Environmental Pollution*, 181: 24-30. Fator de Impacto (JCR©2013): 3.902; (SJR©2013): 1.976; Q1 Pollution & Toxicology & Health, Toxicology and Mutagenesis.
22. MARCELINO J.A.P., L. SILVA, P.V. GARCIA, E. WEBER, A.O. SOARES (2013). Using species spectra to evaluate plant community conservation value along a gradient of anthropogenic disturbance. *Environmental Monitoring and Assessment*, 185: 6221-6233. Fator de Impacto (JCR©2013): 1.679; (SJR©2013): 0.689; Q2 Environmental Science & Pollution.

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#### BOOK & BOOK CHAPTERS

7. LINHARES, D.P.S., **P.V. GARCIA**, A.S RODRIGUES (2020). Trace elements in volcanic environments and human health effects. In: *Trace Elements in the Environment - New Approaches and Recent Advances* [Working Title], Murillo-Tovar, M.A., Saldarriaga-Noreña, H. & Saeid, A. (Eds.), InTech, eISBN 978-1-83880-332-2, ISBN: 978-1-83880-331-5, DOI: 10.5772/intechopen.90786. Available from: <https://www.intechopen.com/online-first/trace-elements-in-volcanic-environments-and-human-health-effects>.
6. LINHARES, D.P.S., **P.V. GARCIA**, A.S RODRIGUES (2020). Fluoride in Volcanic Areas: A Case Study in Medical Geology. pp. 51-63. In: *Environmental Health - Management and Prevention Practices*, Makan A. (Ed.), InTech, eISBN 978-1-83962-777-4, ISBN 978-1-78984-894-6, DOI: 10.5772/intechopen.86058, 114 pp. Available from: <http://mts.intechopen.com/articles/show/title/fluoride-in-volcanic-areas-a-case-study-in-medical-geology>.
5. Diana Linhares, Patrícia Garcia and Armindo Rodrigues (2017). Radon Exposure and Human Health: What Happens Environments? pp. 79-91. In: *Volcanic Radon*, Feriz Adrovic (Ed.), InTech, DOI: 10.5772/intechopen.71073. Available from: <https://www.intechopen.com/books/radon/radon-exposure-and-human-health-what-happens-in-volcanic-environments->
4. RODRIGUES, A. S. & **P. GARCIA** (2015). Non-eruptive volcanogenic air pollution and health effects. pp. 223-234 In: Watson, R.R., Tabor, J.A, Ehiri, J.E. & Preedy, V.R. (Eds.), *Handbook of public health in natural disasters. Human Health Handbooks*, Wageningen Academic Publishers, Netherlands, ISBN: 978-90-8686-257-3.
3. **GARCIA, P.** (2014). Insecticidas Piretróides, Dos crisântemos aos circuitos comerciais. pp. 18-19. In: Lima, M., A. Rodrigues & P. Garcia (Eds), *Biologia, um ano de ciência*, Universidade dos Açores, Ponta Delgada.
2. LIMA, M., A. RODRIGUES & **P. GARCIA** (Eds) (2014). *Biologia, um ano de ciência*. 72 pp. Universidade dos Açores, Ponta Delgada.
1. **GARCIA, P** (2011). Sublethal Effects of Pyrethroids on Insect Parasitoids. pp. 477-494. In: Margarita Stoytcheva (Ed), *What We Need to Further Know, Pesticides - Formulations, Effects, Fate*. ISBN: 978-953-307-532-7, InTech, DOI: 10.5772/13531. Available from: <http://www.intechopen.com/articles/show/title/sublethal-effects-of-pyrethroids-on-insect-parasitoids-what-we-need-to-further-know>

INDEXED JOURNALS & PEER REVIEWED JOURNAL PROCEEDINGS (total): >35

TALKS/POSTERS PRESENTED IN SCIENTIFIC MEETINGS (total): >80