

## Publicações (2018)

1. Alves C.A., Candeias C., Nunes T.V., Tome M.J.C., Vicente E.D., Avila P.F., Rocha F. (2018) Passive monitoring of particulate matter and gaseous pollutants in Fogo Island, Cape Verde. *Atmospheric Research*, 214, 250-262.
2. Alves C.A., Evtugina M., Vicente A.M.P., Vicente E.D., Nunes T.V., Silva P.M.A., Duarte M.A.C., Pio C.A., Amato F., Querol X. (2018) Chemical profiling of PM10 from urban road dust. *Science of the Total Environment*, 634, 41-51.
3. Belhout D., Kerbachi R., Relvas H., Miranda A.I. (2018) Air quality assessment in Algiers city. *Air Quality Atmosphere and Health*, 11, (8), 897-906.
4. Borrego C., Ginja J., Coutinho M., Ribeiro C., Karatzas K., Sioumis T., Katsifarakis N., Konstantinidis K., De Vito S., Esposito E., Salvato M., Smith P., Andre N., Gerard P., Francis L.A., Castell N., Schneider P., Viana M., Minguillon M.C., Reimringer W., Otjes R.P., von Sicard O., Pohle R., Elen B., Suriano D., Pfister V., Prato M., Dipinto S., Penza M. (2018) Assessment of air quality microsensors versus reference methods: The EuNetAir Joint Exercise - Part II. *Atmospheric Environment*, 193, 127-142.
5. Canha N., Lage L., Galinha C., Coentro S., Alves C., Almeida S.M. (2018) Impact of biomass home heating, cooking styles and bread toasting on the indoor air quality at Portuguese dwellings – a case study. *Atmosphere*, 9, 6, 214
6. Cardoso J., Almeida S.M., Nunes T., Almeida-Silva M., Cerqueira M., Alves C., Rocha F., Chaves P., Reis M., Salvador P., Artinano B., Pio C. (2018) Source apportionment of atmospheric aerosol in a marine dusty environment by ionic/composition mass balance (IMB). *Atmospheric Chemistry and Physics*, 18, (17), 13215-13230.
7. Carvalho R.L., Vicente E.D., Tarelho L.A.C., Jensen O.M. (2018) Wood stove combustion air retrofits: A low cost way to increase energy savings in dwellings. *Energy and Buildings*, 164, 140-152.
8. Castro A., Calvo A.I., Blanco-Alegre C., Oduber F., Alves C., Coz E., Amato F., Querol X., Fraile R. (2018) Impact of the wood combustion in an open fireplace on the air quality of a living room: estimation of the respirable fraction. *Science of The Total Environment*, 628-629, 169-176.
9. Caumo S., Vicente A., Custodio D., Alves C., Vasconcellos P. (2018) Organic compounds in particulate and gaseous phase collected in the neighbourhood of an industrial complex in Sao Paulo (Brazil). *Air Quality Atmosphere and Health*, 11, 3, 271-283.

10. Coelho S., Rafael S., Silva S., Pinho M., Tarelho L., Lopes M. (2018) Atmospheric emissions from pellet energy supply chain: a Portuguese case study. *Air Quality Atmosphere and Health*, 11, (2), 197-207.
11. Coelho S., Russo M., Oliveira R., Monteiro A., Lopes M., Borrego C. (2018) Sustainable energy action plans at city level: A Portuguese experience and perception. *Journal of Cleaner Production*, 176, 1223-1230.
12. Dias D., Amorim J.H., Sa E., Borrego C., Fontes T., Fernandes P., Pereira S.R., Bandeira J., Coelho M.C., Tchepel O. (2018) Assessing the importance of transportation activity data for urban emission inventories. *Transportation Research part D-Transport and Environment*, 62, 27-35.
13. Fernández-Amado M., Prieto-Blanco M.C., López-Mahía P., Piñeiro-Iglesias M., Muniategui-Lorenzo S., Iglesias-Samitier S., Alves C.A., Custódio D., Esteves V., Nunes T. (2018) Interrelationships between major components of PM10 and sub-micron particles: Influence of Atlantic air masses. *Atmospheric Research*, 212, 64-76.
14. Ferreira C.S.S., Keizer J.J., Santos L.M.B., Serpa D., Silva V., Cerqueira M., Ferreira A.J.D., Abrantes N. (2018) Runoff, sediment and nutrient exports from a Mediterranean vineyard under integrated production: An experiment at plot scale. *Agriculture Ecosystems & Environment*, 256, 184-193.
15. Gama, C., Monteiro, A., Pio, C., Miranda, A.I., Baldasano, J.M., Tchepel, O. (2018) Temporal patterns and trends of particulate matter over Portugal: a long-term analysis of background concentrations. *Air Quality, Atmosphere & Health*, 11, 4, 397-407.
16. Monteiro A., Durka P., Flandorfer C., Georgieva E., Guerreiro C., Kushta J., Malherbe L., Maiheu B., Miranda A.I., Santos G., Stocker J., Trimpeneers E., Tognet F., Stortini M., Wesseling J., Janssen S., Thunis P. (2018) Strengths and weaknesses of the FAIRMODE benchmarking methodology for the evaluation of air quality models. *Air Quality, Atmosphere & Health*, 11, (4), 373-383.
17. Monteiro A., Gouveia S., Scotto M., Sorte S., Gama C., Gianelle V.L., Colombi C., Alves C. (2018) Investigating PM10 episodes using levoglucosan as tracer. *Air Quality Atmosphere and Health*, 11, 1, 61-68.
18. Monteiro A., Russo M., Gama C., Borrego C. (2018) How important are maritime emissions for the air quality: At European and national scale. *Environmental Pollution*, 242, 565-575.
19. Monteiro A., Russo M., Gama C., Lopes M., Borrego C. (2018) How economic crisis influence air quality over Portugal (Lisbon and Porto)? *Atmospheric Pollution Research*, 9, 3, 439-445.

20. Monteiro A., Sa E., Fernandes A., Gama C., Sorte S., Borrego C., Lopes M., Russo M.A. (2018) How healthy will be the air quality in 2050? *Air Quality Atmosphere and Health*, 11, (3), 353-362.
21. Quinteiro P, Rafael S, Villanueva-Rey, Ridoutt B, Lopes M, Arroja L, Dias AC (2018) A characterisation model to address the environmental impact of green water flows for water scarcity footprints. *Science of the Total Environment*, 626, 1, 1210-1218.
22. Rafael S., Vicente B., Rodrigues V., Miranda A.I., Borrego C., Lopes M. (2018) Impacts of green infrastructures on aerodynamic flow and air quality in Porto's urban area. *Atmospheric Environment*, 190, 317-330.
23. Relvas H., Miranda A.I. (2018) Application of the DPSIR framework to air quality approaches. *Air Quality Atmosphere and Health*, 11, (9), 1069-1079.
24. Relvas H., Miranda A.I. (2018) An urban air quality modeling system to support decision-making: design and implementation. *Air Quality Atmosphere and Health*, 11, (7), 815-824.
25. Russo M.A., Leitao J., Gama C., Ferreira J., Monteiro A. (2018) Shipping emissions over Europe: A state-of-the-art and comparative analysis. *Atmospheric Environment*, 177, 187-194.
26. Sebastião R., Sorte S., Valente J., Miranda A.I., Fernandes J.M. (2018) Detecting changes in the heart rate of firefighters to prevent smoke inhalation and health effects. *Evolving Systems*, 1-10.
27. Silveira C., Ferreira J., Monteiro A., Miranda A.I., Borrego C. (2018) Emissions from residential combustion sector: how to build a high spatially resolved inventory. *Air Quality Atmosphere and Health*, 11, 3, 259-270.
28. Sorte S., Rodrigues V., Ascenso A., Freitas S., Valente J., Monteiro, A., Borrego C. (2018) Numerical and physical assessment of control measures to mitigate fugitive dust emissions from harbor activities. *Air Quality Atmosphere and Health*, 11, 5, 493-503.
29. Torres P., Ferreira J., Monteiro A., Costa S., Pereira M.C., Madureira J., Mendes A., Teixeira J.P. (2018) Air pollution: A public health approach for Portugal. *Science of the Total Environment*, 643, 1041-1053.
30. Vicente B., Rafael S., Rodrigues V., Relvas H., Vilaca M., Teixeira J., Bandeira J., Coelho M., Borrego C. (2018) Influence of different complexity levels of road traffic models on air quality modelling at street scale. *Air Quality Atmosphere and Health*, 11, (10), 1217-1232.
31. Vicente E, Alves C. (2018) An overview of particulate emissions from residential biomass combustion. *Atmospheric Research*, 199, 159-185.

32. Vicente E.D., Vicente A., Evtugina M., Carvalho, Tarelho L.A.C., Oduber F.I., Alves C. (2018) Particulate and gaseous emissions from charcoal combustion in barbecue grills. *Fuel Processing Technology*, 176, 296-306.
33. Villanueva-Rey, P., Quinteiro, P., Vázquez-Rowe, I., Rafael, S., Arroja, L., Moreira, M.T., Feijoo, G., Dias, A.C. (2018) Assessing water footprint in a wine appellation: A case study for Ribeiro in Galicia. *Journal of Cleaner Production*, 172, 2097-2107.