

Papers in Journals

Total 66 papers	Quartiles*	SJR*
Amanatidis S., Ntziachristos L., Karjalainen P., Saukko E., Simonen P., Kuittinen N., Aakko-Saksa P., Timonen H., Rönkkö T., Keskinen J. (2018), Comparative performance of a thermal denuder and a catalytic stripper in sampling laboratory and marine exhaust aerosols, <i>Aerosol Science and Technology</i> , 52(4), 420-432.		
Triantafyllopoulos G., Katsaounis D., Karamitros D., Ntziachristos L., Samaras Z. (2018), Experimental Assessment of Low Diesel NOx Emissions for Euro 6 Real Drive Emissions (RDE) Compliance. <i>Science of the Total Environment</i> , 618, 1400-1407.	Q1	1.621
Gaitanelis D., Logothetis D., Perkoulidis G. and Moussiopoulos N. (2018), Investigation and evaluation of methods for the reuse of glass from lamps recycling, <i>Journal of Cleaner Production</i> , 172, 1163-1168.		
Triantafyllou A., Moussiopoulos N., Krestou A., Tsegas G. and Barmpas F. (2017), Application of inverse dispersion modelling for the determination of PM emission factors from fugitive dust sources in open-pit lignite mines, <i>Int. J. Environment and Pollution</i> , 62, 274-290.		
Akylas V., Barmpas F., Moussiopoulos N. and Tsegas G. (2017), New power law inflow boundary conditions for street scale modelling, <i>Int. J. Environment and Pollution</i> , 62, 214-235.		
Vlachokostas Ch., Michailidou A.V., Feleki E., Achillas Ch, Moussiopoulos N. and Trasanidis O. (2017), A Holistic Methodological Approach in the Urban Context Towards Characterizing the Environmental Performance of Buildings and Promoting Strategic Governance and Sustainability, <i>Procedia Environmental Sciences</i> , 38, 571-577.		0.218
Triantafyllopoulos G., Kontses A., Tsokolis D., Ntziachristos L. and Samaras Z. (2017), Potential of energy efficiency technologies in reducing vehicle consumption under type approval and real world conditions, <i>Energy</i> , 140(1), 365-373.	Q1	1.999
Vouitsis I., Ntziachristos L., Samaras C. and Samaras, Z. (2017), Particulate mass and number emission factors for road vehicles based on literature data and relevant gap filling methods, <i>Atmospheric Environment</i> , 168, 75-89.	Q1	1.466
Rostedt A., Ntziachristos L., Simonen P., Rönkkö T., Samaras Z., Hilamo R., Kauko J. and Kesinen J. (2017), A New Miniaturized Sensor for Ultra-Fast On-Board Soot Concentration Measurements, <i>SAE International Journal of Engines</i> , 10(4), 1859-1865.	Q1	1.191

Amanatidis S., Maricq M., Ntziachristos L. and Samaras Z. (2017), Application of the Dual Pegasor Particle Sensor to Real-Time Measurement of Motor Vehicle Exhaust PM, <i>Journal of Aerosol Science</i> , 103, 93-104.	Q1	0.843
Karvountzis-Kontakiotis A., Dimaratos A., Ntziachristos L. and Samaras Z. (2017), Exploring the stochastic and deterministic aspects of cyclic emissions variability in a high speed SI engine, <i>Energy</i> , 118, 68-76.	Q1	1.999
Kontogianni St. and Moussiopoulos N. (2017), Investigation of the occupational health and safety conditions in Hellenic solid waste management facilities and assessment of the in-situ hazard level, <i>Safety Science</i> , 96, 192–197.	Q1	1.054
Papakostas K.T. And Slini T. (2017), Effects of Climate Change on the Energy Required for the Treatment of Ventilation Fresh Air in HVAC Systems The case of Athens and Thessaloniki, <i>Procedia Environmental Sciences</i> , 38, 852-859.		0.128
Banias G., Achillas Ch., Vlachokostas Ch., Moussiopoulos N., Stefanou M., (2017), Environmental impacts in the life cycle of olive oil: A literature review. <i>Journal of the Science of Food and Agriculture</i> , 97, 6, 1686-1697.	Q1	0.822
Karjalainen, P., Ntziachristos, L., Murtonen, T., Wihersaari, H., Simonen, P., Mylläri, F., Nylund, N.O., Keskinen J. and Rönkkö, T. (2016), Heavy duty diesel exhaust particles during engine motoring formed by lube oil consumption, <i>Environmental Science and Technology</i> , 50, 12504-12511		
Amanatidis, S., Maricq, M., Ntziachristos, L. and Samaras, Z. (2016), Application of the dual Pegasor Particle Sensor to real-time measurement of motor vehicle exhaust PM, <i>Journal of Aerosol Science</i> , 103, 93-104.		
Karvountzis-Kontakiotis, A., and Ntziachristos, L. (2016), Improvement of NO and CO predictions for a homogeneous combustion SI engine using a novel emissions model <i>Applied Energy</i> , 162, 172-182.		
Saari, S., Karjalainen, P., Ntziachristos, L., Pirjola, L., Matilainen, P., Keskinen, J. and Rönkkö, T. (2016), Exhaust particle and NOx emission performance of an SCR heavy duty truck operating in real-world conditions, <i>Atmospheric Environment</i> , 126, 136-144.		
Amanatidis, S., Maricq, M.M., Ntziachristos, L. and Samaras, Z. (2016), Measuring number, mass, and size of exhaust particles with diffusion chargers: The dual Pegasor Particle Sensor, <i>Journal of Aerosol Science</i> , 92, 1-15.		
Ntziachristos, L., Papadimitriou, G., Ligterink, N. and Hausberger, S. (2016), Implications of diesel emissions control failures to emission factors and road transport NOx evolution, <i>Atmospheric Environment</i> , 141, 542-551.		

Ntziachristos, L., Saukko, E., Lehtoranta, K., Rönkkö, T., Timonen, H., Simonen, P., Karjalainen, P. and Keskinen, J. (2016), Particle emissions characterization from a medium-speed marine diesel engine with two fuels at different sampling conditions, <i>Fuel</i> , 186, 456-465.	Q1	1.744
Karkanas C., Perkoulidis G. and Moussiopoulos N. (2016), Sustainable management of household biodegradable waste: lessons from home composting programmes, <i>Waste and Biomass Valorization</i> , 7, 659-665.	Q2	0.411
Thunis P., Miranda A., Baldasano J.M., Blond N., Douros J., Graff A., Janssen S., Juda-Rezler K., Karnosenoja N., Maffei G., Martilli A., Rasoloharimahefa M., Real E., Viaene E., Volta M., White L. (2016), Overview of current regional and local scale air quality modelling practices: Assessment and planning tools in the EU, <i>Environmental Science and Policy</i> , 65, 13-21.	Q1	1.656
Carnevale C., Douros J., Finzi G., Graff A., Guariso G., Nahorski Z., Pisoni E., Ponche J.-L., Real E., Turrini E. and Vlachokostas Ch. (2016), Uncertainty evaluation in air quality planning decisions: a case study for Northern Italy, <i>Environmental Science and Policy</i> , 65, 39-47.	Q1	1.656
Michailidou A.V., Vlachokostas Ch., Achillas Ch., Maleka D., Moussiopoulos N. and Feleki E. (2016), Green tourism supply chain management based on life cycle impact assessment, <i>European Journal of Environmental Sciences</i> , 6 (1), 30-36.		
Feleki E., Vlachokostas Ch., Achillas Ch., Moussiopoulos N. and Michailidou A.V. (2016), Involving decision-makers in the transformation of results into urban sustainability policies, <i>European Journal of Environmental Sciences</i> , 6 (1), 7-10.		
Geiger F., Pope F., MacKenzie R., Brune W., Monks P., Bloss W., Fuller G., Moussiopoulos N., Hort M., Tomlin A., Presto A., van Pinxteren D., Vlachou A., Heard D., Hewitt N., Baltensperger U., Lewis A., Rickard A., Lee J., Querol X., Kim S., Hamilton J., Sommariva R., McFiggans G., Harrison R., Jimenez J.-L., Cross E., Wenger J., Pandis S., Kiendler-Scharr A., Donahue N., Whalley L., McDonald B., Pieber S., Prévot A., Alam S., Krishna Kumar N., Wahner A., Skouloudis A., Kalberer M., Wallington T. and Dunmore R. (2016), Chemical complexity of the urban atmosphere and its consequences: general discussion, <i>Faraday Discussions</i> , 189, 137-167.	Q1	1.559
Michailidou, A.V., Vlachokostas, C. and Moussiopoulos, N. (2016), Interactions between climate change and the tourism sector: multiple-criteria decision analysis to assess mitigation and adaptation options in tourism areas, <i>Tourism Management</i> , 55, 1-12.	Q1	2.45

Kukkonen J., Karl M., Keuken M.P., Denier van der Gon H.A.C., Denby B.R., Singh V., Douros J., Manders A., Samaras Z., Moussiopoulos N, Jonkers S., Aarnio M, Karppinen A., Kangas L., Lützenkirchen S., Petäjä T., Vouitsis I. and Sokhi R.S. (2016), Modelling the dispersion of particle numbers in five European cities, Geoscientific Model Development, 9, 451-478	Q1	2.855
Michailidou A.V., Vlachokostas Ch., Moussiopoulos N. and Maleka D. (2015), Life Cycle Thinking used for assessing the environmental impacts of tourism activity for a Greek tourism destination, Journal of Cleaner Production, 499-510.	Q1	1.721
Perkoulidis G., Kasampalis Th., Karagiannidis L. and Moussiopoulos N. (2015), Development of waste-to-energy plants database for evaluating the efficiency of energy recovery from waste in Europe, Waste and Biomass Valorization, doi: 10.1007/s12649-015-9397-9.	Q2	0.411
Theodosiou G., Stylos N. and Koroneos Ch. (2015), Intergration of the environmental management aspect in the optimization of the design and planning of energy systems, Journal of Cleaner Production, 106, 576-593.	Q1	1.721
Tsegas G., Moussiopoulos N., Barmpas F., Akylas V. and Douros I. (2015), An integrated numerical methodology for describing multiscale interactions on atmospheric flow and pollutant dispersion in the urban atmospheric boundary layer, Journal of Wind Engineering and Industrial Aerodynamics, 144, 191-201.	Q1	1.097
Kukkonen J., Karl M., Keuken M.P., Denier van der Gon H.A.C., Denby B.R., Singh V., Douros J., Manders A., Samaras Z., Moussiopoulos N., Jonkers S., Aarnio M., Karppinen A., Kangas L., Lützenkirchen S., Petäjä T., Vouitsis I. and Sokhi R.S. (2015), Modelling the dispersion of particle numbers in five European cities, Geoscientific Model Development, doi: 10.5194/gmdd-8-5873-2015.	Q1	2.855
Spyridi D., Vlachokostas Ch., Michailidou A., Sioutas C. and Moussiopoulos N. (2015), Strategic planning for climate change mitigation and adaptation: the case of Greece, International Journal of Climate Change Strategies and Management, 7, 272-289.	Q2	0.416
Gallus M., Ciuraru R., Mothes F., Akylas V., Barmpas F., Beeldens A., Bernard F., Boonen E., Boréave A., Cazaunau M., Charbonnel N., Chen H., Daële V., Dupart Y., Gaimoz C., Grosselin B., Herrmann H., Ifang S., Kurtenbach R., Maille M., Marjanovic I., Michoud V., Mellouki A., Miet K., Moussiopoulos N., Poulain L., Zapf P., George C., Doussin J.-F. and Kleffmann J. (2015), Photocatalytic abatement results from a model street canyon, Environmental Science and Pollution Research, doi: 10.1007/s11356-015-4926-4.	Q1	0.886

Gallus M., Ciuraru R., Mothes F., Akylas V., Barmpas F., Beeldens A., Bernard F., Boonen E., Boréave A., Cazaunau M., Charbonnel N., Chen H., Daële V., Dupart Y., Gaimoz C., Grosselin B., Herrmann H., Ifang S., Kurtenbach R., Maille M., Marjanovic I., Michoud V., Mellouki A., Miet K., Moussiopoulos N., Poulain L., Zapf P., George C., Doussin L.-F. and Kleffmann J. (2015), Can photocatalysis help to improve urban air quality? Results from the LIFE+-project PhotoPAQ, <i>Umweltchemie und Ökotoxikologie Journal</i> , 2, 41-45.		
Boonen E., Akylas V., Barmpas F., Boréave A., Bottalico L., Cazaunau M., Chen H., Daële V., De Marco T., Doussin J.F., Gaimoz C., Gallus M., George C., Grand N., Grosselin B., Guerrini G.L., Herrmann H., Ifang S., Kleffmann J., Kurtenbach R., Maille M., Manganelli G., Mellouki A., Miet K., Mothes F., Moussiopoulos N., Poulain L., Rabe R., Zapf P. and Beeldens A. (2015), Construction of a photocatalytic de-polluting field site in the Leopold II tunnel in Brussels, <i>Journal of Environmental Management</i> , 155, 136-144.	Q1	1.206
Gallus M., Akylas V., Barmpas F., Beeldens A., Boonen E., Boréave A., Cazaunau M., Chen H., Daële V., Doussin J.F., Dupart Y., Gaimoz C., George C., Grosselin B., Herrmann H., Ifang S., Kurtenbach R., Maille M., Mellouki A., Miet K., Mothes F., Moussiopoulos N., Poulain L., Rabe R., Zapf P. and Kleffmann J. (2015), Photocatalytic de-pollution in the Leopold II tunnel in Brussels: NOx abatement results, <i>Building and Environment</i> , 84, 125-133.	Q1	2.025
Michailidou A.V, Vlachokostas Ch. and Moussiopoulos N. (2015), A methodology to assess the overall environmental pressure attributed to tourism areas: a combined approach for typical all-sized hotels in Chalkidiki, Greece, <i>Ecological Indicators</i> , 50, 109-115.	Q1	1,49
Karkanias C., Perkoulidis G., Grigoriadis N., Stafylas S., Dagdilelis E., Feleki E. and Moussiopoulos N. (2014), Assessing recycling potential in local level: the case of Neapoli-Sykies municipality, Greece, <i>Fresenius Environmental Bulletin</i> , 23, 2884-2889.	Q3	0.204
Vlachokostas Ch., Michailidou A.V., Matziris E., Achillas Ch. and Moussiopoulos N. (2014), A multiple criteria decision-making approach to put forward tree species in urban environment, <i>Urban Climate</i> , 10 (1), 105-118.	Q1	0.775
Achillas, C., Aidonis, D., Folinas, D., Moussiopoulos, N. and Triantafillou, D. (2014), Identifying the optimal strategy for suppliers' involvement in product design: A case study, <i>Agricultural Engineering International: Special Issue</i> , pp 31-42.		
Achillas Ch., Baniyas G., Tzetzis D., Kyratsis P. and Moussiopoulos N. (2014), Investing in product design education in times of economic crisis, <i>International Journal of Product Design</i> , 5 (1), 24-41.	Q4	0.105

Nanaki E.A., Koroneos C.J., Xydis G.A. and Rovas D. (2014), Comparative environmental assessment of Athens urban buses-diesel, CNG and biofuel powered, <i>Transport Policy</i> , 35, 311-318.		
de Hoogh K., Korek M., Vienneau D., Keuken M., Kukkonen J., Nieuwenhuijsen M.J., Badaloni Ch., Beelen R., Bolignano A., Cesaroni G., Cirach Pradas M., Cyrus J., Douros J., Eeftens M., Forastiere F., Forsberg B., Fuks K., Gehring U., Gryparis A., Gulliver J., Hansell A.L., Hoffmann B., Johansson Ch., Jonkers S., Kangas L., Katsouyanni K., Künzli N., Lanki T., Memmesheimer M., Moussiopoulos N., Modig L., Pershagen G., Probst-Hensch N., Schindler Ch., Schikowski T., Sugiri D., Teixidó O., Tsai M.-Y., Tuomi T.-Y., Brunekreef B., Hoek G., Bellander T. (2014), Comparing land use regression and dispersion modelling to assess residential exposure to ambient air pollution for epidemiological studies, <i>Environment International</i> , 73, 382-392.	Q1	2.756
Gariazzo C., Leidl B., Trini Castellec S., Baumann-Stanzer K., Reisin T.G., Barmpas F., Tinarelli G., Milliez C.M., Bemporad E. and Armand P. (2014), Cost Action Es1006. Evaluation, improvement and guidance of local-scale emergency prediction and response tools for airborne hazards in built environments: ongoing activities,	Q2	0.432
Antonopoulos I.-S., Perkoulidis G., Logothetis D. and Karkanias C. (2014), Ranking municipal solid waste treatment alternatives considering sustainability criteria using the analytical hierarchical process tool, <i>Resources, Conservation and Recycling</i> 86, 149-159.		
Al-Khatib I.A., Ajlouny H., Al-Sari M.I. and Kontogianni S. (2014), Residents' concerns and attitudes toward solid waste management facilities in Palestine: a case study of Hebron district, <i>Waste Management & Research</i> 32(3), 228-236.	Q2	0.753
Koroneos C., Haritakis I., Michaloglou K. and Moussiopoulos N. (2014), Exergy analysis for power plant alternative designs, Part II, <i>Energy Sources</i> 26:13, 1287-1295.	Q1	0.877
Koroneos C., Haritakis I., Michaloglou K. and Moussiopoulos N. (2014), Exergy analysis for power plant alternative designs, Part I, <i>Energy Sources</i> 26:13, 1277-1285.	Q1	0.877
Slini T., Giama E. and Papadopoulou Ch.-O., (2014): Distance learning education for mitigation/adaptation policy: a case study, <i>International Journal of Sustainable</i>	Q2	0.364
Slini T., Giama E. and Papadopoulos A.M., (2014): The impact of economic recession on domestic energy consumption, <i>International Journal of Sustainable Energy</i> , doi:	Q2	0.364
Vlachokostas Ch., Baniass G., Athanasiadis A., Achillas Ch., Akylas V. and Moussiopoulos N. (2014), CENSE: a tool to assess combined exposure to environmental health stressors in urban areas, <i>Environment International</i> 63, 1-10.	Q1	2.756

Baklanov A., Schluenzen K. H., Suppan P., Baldasano J, Brunner D., Aksoyoglu S., Carmichael G., Douros J., Flemming J., Forkel R., Galmarini S., Gauss M., Grell G., Hirtl M., Joffre S., Jorba O., Kaas E, Kaasik M., Kallos G., Kong X., Korsholm U., Kurganskiy A., Kushta J., Lohmann U., Mahura A., Manders-Groot A., Maurizi A., Moussiopoulos N., Rao S. T., Savage N., Seigneur C., Sokhi R., Solazzo E., Solomos S., Sørensen B., Tsegas G., Vignati E., Vogel B., and Zhang Y. (2014), Online coupled regional meteorology-chemistry models in Europe: current status and prospects, Atmospheric Chemistry and Physics 13, 12541–12724.	Q1	3.821
Antonopoulos I.-S., Zouboulis A.-I., Karagiannidis A. and Samaras P. (2013), Applying DPSIR analysis as a decision support tool for fostering industrial symbiosis concept, Fresenius Environmental Bulletin. 2013, 22, 12c, 3830-3839.	Q3	0,257
Koroneos C. and Rovas D. (2013), Exergy analysis of geothermal electricity using the Kalina cycle, International Journal of Exergy 12, 1, 54-69.	Q2	0.433
Achillas Ch., Aidonis D., Vlachokostas Ch., Folinas D. and Moussiopoulos N. (2013), Re-design of industrial products: a multi-objective approach, Journal of the	Q1	1.387
Koroneos C., Achillas Ch., Moussiopoulos N. and Nanaki E.A. (2013), Life cycle thinking in the use of natural resources, Open Environmental Sciences 7, 1-6.	Q3	0.264
Karagiannidis A., Kontogianni S. and Logothetis D. (2013), Classification and categorization of treatment methods for ash generated by municipal solid waste incineration: a case for the 2 greater metropolitan regions of Greece, Waste	Q1	1.852
Saffari A., Daher N., Samara C., Voutsas Dimitra., Kouras Ath., Manoli E., Karagkiozidou O., Vlachokostas Ch., Moussiopoulos N., Shafer M., Schauer J. and Sioutas C. (2013), Increased biomass burning due to the economic crisis in Greece and its adverse impact on wintertime air quality in Thessaloniki, Environmental Science and Technology 47, 23, 13313–13320.	Q1	2.981
Vlachokostas Ch., Michailidou V.A, Spyridi D. and Moussiopoulos N. (2013), Bridging the gap between traffic generated health stressors in urban areas: predicting xylene levels in EU cities, Environmental Pollution 180, 251-258.	Q1	1.985
Vlachokostas Ch., Michailidou V.A, Athanasiadis A. and Moussiopoulos N (2013), Synergies between environmental pressures in the urban climate: combined air quality and noise exposure assessment in Thessaloniki, Greece, Global Nest Journal 15, 2, 209-217.	Q2	0.384
Oxizidis S. and Papadopoulos A.M. (2013), Performance of radiant cooling surfaces with respect to energy consumption and thermal comfort, Energy and Buildings 57, 199-209.	Q1	1.947

Achillas Ch, Aidonis D, Vlachokostas Ch, Karagiannidis A, Moussiopoulos N and Loulos V. (2013) Depth of the manual dismantling analysis: a cost-benefit approach, Waste Management 33, 4, 948-956.	Q1	1.852
Vlachokostas Ch., Michailidou V.A, Spyridi D. and Moussiopoulos N. (2013), Building statistical associations to forecast ethylbenzene levels in European urban traffic environments, Environmental Pollution 177, 125-134		

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<http://scimagojr.com/journalrank.php>