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1. D. Karonis, G. Anastopoulos, F. Zannikos, E. Lois, S. Stournas: "Determination of Physicochemical Properties of Fatty Acid Ethyl Esters (FAEE) Diesel Fuel Blends", SAE Technical Paper 2009-01-1788, 2009
2. G. Karavalakis, S. Stournas, D. Karonis: "Evaluation of the Oxidation Stability of Diesel/ Biodiesel Blends using the Modified Rancimat Method", SAE Technical Paper 2009-01-1828, 2009
3. P. Schinas, G. Karavalakis, C. Davaris, G. Anastopoulos, D. Karonis, F. Zannikos, S. Stournas, E. Lois: " Pumpkin (*Cucurbita pepo* L.) seed oil as an alternative feedstock for the production of biodiesel in Greece", *Biomass and Bioenergy*, **33**, (2009), pp. 44-49 (3)
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5. P. Arkoudeas, S. Kalligeros, F. Zannikos, G. Anastopoulos, D. Karonis, D. Korres, E. Lois, "A Study of Using JP-8 Aviation Fuel and Biodiesel in CI Engines", *Energy Conversion and Management*, **44**, (2003), pp. 1013-1025 (12)

5 important publications

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2. E. Lois, S. Stournas, F. Zannikos, D. Karonis, E. Kakaras: "The Influence of Heating-Oil Specifications on Boiler Performance and Emissions", *Journal of Institute of Energy*, 66, (1993), pp. 84-90
3. S. Stournas, E. Lois, F. Zannikos, D. Karonis: "Differentiation of Road Diesel and Heating Gasoil by Changes in Fuel Properties and Addition of Oxygenated Components", *Energy and Fuels*, 8, (1994), pp. 1263-1267
4. D. Karonis, E. Lois, S. Stournas, F. Zannikos: "Correlation of Exhaust Emissions from a Diesel Engine with Fuel Properties", *Energy and Fuels*, 12, (1998), pp. 230-238
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17. L. Mattheou, F. Zannikos, P. Schinas, G. Karavalakis, D. Karonis, S. Stournas: "Impact of Using Adulterated Automotive Diesel on the Exhaust Emissions of a Stationary Diesel Engine", Global NEST Journal, 8, (2006), pp. 291 –296

18. D. Karonis, D. Bardakos, S. Stournas, F. Zannikos: "Upgrade of Light Cycle Oil by solvent Extraction", Preprints Division of Fuel Chemistry, American Chemical Society, 52, (2007), pp. 806-808

19. D. M. Korres, D. Karonis, E. Lois, M. B. Linck, A. K. Gupta "Aviation Fuel JP-5 and biodiesel on a diesel engine Pages", Fuel, 87, (2008), pp. 70-78

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21. G. Karavalakis, E. Tzirakis, L. Mattheou, S. Stournas, F. Zannikos, D. Karonis: "The Impact of Using Biodiesel/Marine Gas Oil Blends on Exhaust Emissions from a Stationary Diesel Engine", Journal of Environmental Science and Health, Part A, 43, (2008), pp. 1663 – 1672

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25. D. Karonis, G. Anastopoulos, S. Stournas: "Ethanolysis of Vegetable Oils: A Systematic Study Using Homogeneous Alkali Catalysts", Preprints Division of Fuel Chemistry, American Chemical Society 2009, 54 (2), pp. 1002 – 1008

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List of papers in International Conferences with reviewers

1. D. Karonis, E. Lois, S. Stournas, E. Kakaras, F. Zannikos: "Diesel Fuel Specifications Impact on Exhaust Emissions from Diesel Engines and Heating Burners", First International Exhibition and Conference of Environmental Technology for the Mediterranean Region, Vol. III, pp. 62- 71, April 1993

2. E. Kakaras, D. Karonis, E. Lois, S. Stournas: "Contribution of Additives in Liquid Fuels for Reducing Exhaust Emissions", First International Exhibition and Conference of Environmental Technology for the Mediterranean Region, Vol. III, pp. 72-80, April 1993
3. D. Karonis, A. Serdari, S. Stournas, E. Lois, F. Zannikos: "Effects of Additives, Biomass-derived Components and Specification Changes on Pollutant Emissions from Diesel Fuel", Proceedings, International Seminar on Automotive Fuels and Air Pollution, Athens, May 1994
4. D. Karonis, E. Lois, S. Stournas, F. Zannikos: "Estimation of Diesel Fuel Properties Using Mathematical Expressions", First Meeting of the Greek Section of the Combustion Institute, pp. 347-352, November 1997
5. C. Papachristou, G. Mersiades, D. Karonis: "Laboratory Information Management Systems In Industry – Application In Petroleum Refinery", Instrumental Methods of Analysis, Modern Trends and Applications, Kassandra, 19 – 22 September, 1999
6. F. Zannikos, E. Lois, S. Stournas, C. Teas, D. Karonis: "Investigation of the Effectiveness of Absorbent Materials for the Confrontation of Oil Spills", Mining and Metallurgical Annals, Hellenic Society of Mining and Metallurgical Engineers, Vol. 9, No. 1 – 2, pp. 327 – 340, 1999
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10. D.M. Korres, D. Karonis, E. Lois: "Use of Alternative Fuels on a Diesel Engine ", 1st Intl. Energy Conversion Engineering Conference, AIAA, pp. 783-789, Vol. 21, Va, USA, 2003
11. D.M. Korres, E. Lois, P. Kotsiopoulos, D. Karonis: "Quality Aspects for Jet Fuel of the Greek Market", NATORTO Workshop: Future Technological and Operational Challenges Associated with the Single Fuel Concept, Warsaw, October 6-8, 2003
12. D.M. Korres, D. Karonis, E. Lois, P. Kotsiopoulos: "Use of Alternative Fuels on a Diesel Engine", NATO-RTO Workshop: Future Technological and Operational Challenges Associated with the Single Fuel Concept, Warsaw, October 6-8, 2003
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18. E. Tzirakis, G. Karavalakis, S. Stournas, F. Zannikos, D. Karonis: "Emissions Measurement on a Diesel Vehicle Operated with Diesel/Biodiesel Blends on a Specific Driving Cycle", 2nd Conference Environment & Transport including 15th Conference Transport and Air Pollution Reims, France, 12-14 June 2006

19. D. Karonis, E. Chatzieleftheriou, S. Stournas, D. Bardakos: "Improvement of Light Cycle Oil by Solvent Extraction", Fuels 2007 6th International Colloquium, Stuttgart, pp. 257 – 266, January 2007

20. D. Karonis, A. Kalatha, I. Koutsouri, E. Lois, D. Dalli: "Impact of Ethanol and ETBE Addition on Motor Gasoline Properties", Fuels 2007 6th International Colloquium, Stuttgart, pp. 369 – 381, January 2007

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23. G. Karavalakis, G. Anastopoulos, S. Stournas, E. Lois, F. Zannikos, D. Karonis "Calcium Oxide - Supported Potassium Iodide as a Heterogeneous Catalyst for Biodiesel Production", International Congress on Biodiesel: The Science and The Technologies, Vienna, November 5-7, 2007

24. D. Karonis, A. Aburudyna, F. Zannikos, S. Stournas "Impact of Biodiesel Addition on Distillation Characteristics and Cetane Index of Diesel Fuels", Fuels 2009 7th International Colloquium, Stuttgart, pp. 547 – 554, January 2009

25. N. Liapis, F. Zannikos, S. Stournas, D. Karonis "Evaluating the Lack of Total Quality Management in Fuels Supply Chain", Fuels 2009 7th International Colloquium, Stuttgart, pp. 397 – 406, January 2009

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1. First Greek Symposium on Lubrication and Lubricants, Greek Association of Chemical Engineers, Athens, 3 – 5 June, 1992

2. Heleco '93, First International Exhibition and Conference on Environmental Technology for the Mediterranean Region, Technical Chamber of Greece, Athens, April 1 – 4, 1993

3. International Fuels and Lubricants Meeting and Exposition, Society of Automotive Engineers, Philadelphia, 17 – 21 October, 1993
4. Air Pollution from Marine Engines, NATO Committee on the Challenges of Modern Society, National Secretariat for Research and Technology, Athens, 20 January, 1994
5. Urban Air Quality, Environmental and Health Effects of Motor Vehicle Fuel Composition, British-Hellenic Chamber of Commerce and National Technical University of Athens, 27 May, 1994
6. 215th National Meeting of the American Chemical Society, Dallas, 29 March – 3 April 1998
7. Seminar on "Managing Efficient Shutdowns and Turnarounds" organized from Project Assurance, 8 – 11 November 1999
8. Seminar on "Process Modeling using HYSYS", organized by AEA Technology Hyprotech Europe, April 23 – 26, 2001