

Publicazioni su riviste internazionali

2016

- 1) M. Liberini, G. De Falco, F. Scherillo, A. Astarita, M. Commodo, P. Minutolo, A. D'Anna, A. Squillace, Nano-TiO₂ coatings on aluminum surfaces by aerosol flame synthesis, **Thin Solid Films**, 609, 53-61 (2016).
- 2) M. Commodo, G. De Falco, P. Minutolo, A. D'Anna, Thermophoretic sensors for combustion formed nanoparticles, **Chemical Engineering Transactions**, 47, 25-30 (2016).
- 3) G. De Falco, M. Commodo, P. Pedata, P. Minutolo, A. D'Anna, Health issues concerning carbon-TiO₂ nanomaterials produced by flame synthesis, **Chemical Engineering Transactions**, 47, 439-444 (2016).
- 4) M. Commodo, G. De Falco, R. Larciprete, A. D'Anna, P. Minutolo, On the hydrophilic/hydrophobic character of carbonaceous nanoparticles formed in laminar premixed flames, **Experimental Thermal and Fluid Science**, 73, 53-63 (2016).

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- 5) M. Commodo, G. De Falco, A. Bruno, C. Borriello, P. Minutolo, A. D'Anna, Physicochemical evolution of nascent soot particles in a laminar premixed flame: From nucleation to early growth, **Combustion and Flame**, 162, 3854-3863 (2015).
- 6) A. Bruno, M. Commodo, S.A. Haque, P. Minutolo, Spectroscopic investigation of flame synthesized carbon nanoparticle/P3HT blends, **Carbon**, 94, 955-961 (2015).
- 7) G. De Falco, M. Commodo, P. Minutolo, A. D'Anna, Flame-Formed Carbon Nanoparticles: Morphology, Interaction Forces, and Hamaker Constant from AFM, **Aerosol Science and Technology**, 49 (5), 281-289, (2015).
- 8) G. De Falco, M. Commodo, P. Pedata, P. Minutolo, A. D'Anna, Carbon-TiO₂ nanostructures: Flame synthesis and characterization, **Mater. Res. Soc. Symp. Proc.**, 1747, 1-6, (2015) Materials Research Society DOI: 10.1557/opl.2015.195.
- 9) P. Minutolo, M. Commodo, G. De Falco, R. Larciprete, A. D'Anna, Spectroscopic Characterization of Flame-Generated 2-D Carbon Nano-Disks, **Mater. Res. Soc. Symp. Proc.**, 1726, (2015) Materials Research Society DOI: 10.1557/opl.2015.726.
- 10) M. Commodo, G. Tessitore, G. De Falco, A. Bruno, P. Minutolo, A. D'Anna, "Further details on particle inception and growth in premixed flames", **Proceedings of the Combustion Institute** 35, (2), 1795-1802 (2015).

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- 11) G. De Falco, M. Commodo, C. Bonavolontà, G. P. Pepe, P. Minutolo, A. D'Anna, "Optical and electrical characterization of carbon nanoparticles produced in laminar premixed flames", **Combustion and Flame**, 161, 3201-3210 (2014).
- 12) M. Commodo, G. Tessitore, G. De Falco, P. Minutolo, A. D'Anna, "Photoionization Study of Soot Precursor Nanoparticles in Laminar Premixed Ethylene/Ethanol Flames", **Combustion Science and Technology**, 186 (4-5), 621-633.
- 13) P. Minutolo, M. Commodo, A. Santamaria, G. De Falco, A. D'Anna, "Characterization of flame-generated 2-D carbon nano-disks", **Carbon**, 68, 138-148.

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- 14) M. Commodo, L.A. Sgro, X Wang, C. De Lisio, P. Minutolo, “Fluorescence Anisotropy in a Diffusion Flame to Shed Light in the “Dark Region””, **Proceedings of the Combustion Institute** **34**, (1), 1845-1852.
- 15) M. Commodo, L.A. Sgro, P. Minutolo, A. D'Anna, “Characterization of Combustion-Generated Carbonaceous Nanoparticles by Size-Dependent Ultraviolet Laser Photoionization” **Journal of Physical Chemistry A**, 117 (19), 3980-3989.
- 16) M. Salamanca, M. Sirignano, M. Commodo, P. Minutolo, A. D'Anna, “The effect of ethanol on the particle size distributions in ethylene premixed flames”, **Experimental Thermal and Fluid Science**, 43, 71-75.

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- 17) M. Commodo, C. De Lisio, P. Minutolo, A. D'Anna, “Size measurements of fluorescent carbon nanoparticles in a coflowing laminar diffusion flame by time-resolved fluorescence anisotropy”, **Combustion Science and Technology**, 184 (7-8), 916-928.
- 18) M. Commodo, I. Fabris, O. Wong, C. P. T. Groth, Ö. L. Gülder, “Three-dimensional fluorescence spectra of thermally stressed commercial jet A-1 aviation fuel in the autoxidative regime”, **Energy & Fuels**, 26, 2191-2197.
- 19) M. Sirignano, A. Collina, M. Commodo, P. Minutolo, A. D'Anna, “Detection of aromatic hydrocarbons and incipient particles in an opposed-flow flame of ethylene by spectral and time-resolved laser induced emission spectroscopy”, **Combustion and Flame** 159(4), 1663-1669.

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- 20) M. Commodo, I. Fabris, C. P. T. Groth, Ö. L. Gülder, “Analysis of Aviation Fuel Thermal Oxidative Stability by Electrospray Ionization Mass Spectrometry (ESI-MS)”, **Energy & Fuels**, 25, 2142-2150.

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- 21) M. Commodo, O. Wong, I. Fabris, C. P. T. Groth, Ö. L. Gülder, “Spectroscopic Study of Aviation Jet Fuel Thermal Oxidative Stability”, **Energy & Fuels**, 24, 6437-6441.
- 22) A. E. Karataş, M. Commodo, Ö. L. Gülder, “Soot Formation in Co- and Counter-flow Laminar Diffusion Flames of Binary Mixtures of Ethylene and Butane Isomers and Synergistic Effects”, **Energy & Fuels**, 24 (9), 4912-4918.

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- 24) L.A. Sgro, A.C. Barone, M. Commodo, A. D'Alessio, A. De Filippo, G. Lanzuolo, P. Minutolo, “Measurement of nanoparticles of organic carbon in non-sooting flame conditions”, **Proceedings of the Combustion Institute** **32**, 689-696.

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- 25) A. D'Anna, M. Sirignano, M. Commodo, R. Pagliara, P. Minutolo, “An Experimental and Modelling Study of Particulate Formation in Flames burning Methane”, **Combustion Science and Technology**, 180 (5), 950-958.

- 26) A. D'Anna, M. Commodo, P. Minutolo, "Particle Inception in a Laminar Premixed Flames of Benzene", **Combustion Science and Technology**, 180 (5), 758-766.
- 27) P. Minutolo, A. D'Anna, M. Commodo, R. Pagliara, G. Toniato, C. Accordini, "Emission of Fine Particles from Natural Gas Domestic Burners", **Environmental Engineering Science**, 25(10), 1357-1364.

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- 28) A. D'Anna, M. Commodo, S. Violi, C. Allouis, J. Kent, "Nano organic carbon and soot in turbulent non-premixed ethylene flames", **Proceedings of the Combustion Institute** **31**, 621-629.
- 29) M. Commodo, S. Violi, A. D'Anna, A. D'Alessio, C. Allouis, F. Beretta, P. Minutolo, "Soot and nanoparticle formation in laminar and turbulent flames", **Combustion Science and Technology**, 179 (1-2), 387-400.

Atti e presentazioni a congressi nazionali ed internazionali

- 1) A. D'Anna, L. Pascazio, M. Sirignano, M. Commodo, G. De Falco, P. Minutolo
Flame Synthesis of Nanoscale Carbonaceous Materials
Materials 2016 - Italian National Conference on Materials Science and Technology Catania - Italy, EU December 12–16, 2016
- 2) G. De Falco, A. Porta, P. Del Gaudio, M. Commodo, P. Minutolo, A. D'Anna
Antimicrobial Activity of TiO₂ Coatings by Direct Thermophoretic Deposition of Flame-Made Nanoparticles
Materials 2016 - Italian National Conference on Materials Science and Technology Catania - Italy, EU December 12–16, 2016
- 3) A. D'Anna, L. Pascazio, M. Sirignano, M. Commodo, G. De Falco, P. Minutolo
Flame Synthesis of Nanoscale Carbonaceous Materials
2016 MRS Fall Meeting & Exhibit – Symposium NM6: Nanoscale Materials and Devices by High-Temperature Gas-Phase Processes – Boston, MA November 27 – December 2, 2016.
- 4) G. De Falco, A. Porta, P. Del Gaudio, M. Commodo, P. Minutolo, A. D'Anna
Antimicrobial Activity of TiO₂ Coatings Prepared by Direct Thermophoretic Deposition of Flame-Synthesized Nanoparticles
2016 MRS Fall Meeting & Exhibit – Symposium NM6: Nanoscale Materials and Devices by High-Temperature Gas-Phase Processes – Boston, MA November 27 – December 2, 2016.
- 5) G. De Falco, A. El Hassanin, M. Liberini, M. Commodo, P. Minutolo, A. Squillace, A. D'Anna
Flame Synthesis and Characterization of TiO₂ Particles for the Production of Nanostructured Coatings
VI International Workshop on Oxide-based Materials - Naples (Italy), September 21-24, 2016.
- 6) G. De falco, A. Porta, P. Del gaudio, M. Commodo, P. Minutolo, A. D'anna
ANTIMICROBIAL FLAME-MADE TIO₂ NANOPARTICLE COATINGS PREPARED BY DIRECT THERMOPHORETIC DEPOSITION
36th International Symposium on Combustion – COEX, Seoul, Korea, July 31 – August 5, 2016.
- 7) R. Sorrentino, M. Sirignano, M. Conturso, G. De falco, M. Commodo, P. Minutolo, R.P. Aquino, A. D'anna, A. Pinto
COMBUSTION GENERATED SOOT PARTICLES INDUCE THE RELEASE OF IL-1 LIKE, CYTOKINES BY MURINE MACROPHAGES
36th International Symposium on Combustion – COEX, Seoul, Korea, July 31 – August 5, 2016.
- 8) G. De Falco, M. Sirignano, M. Commodo, P. Minutolo, A. D'Anna
SOOT FORMATION IN LAMINAR PARTIALLY PREMIXED COFLOW FLAMES BY THERMOPHORETIC PARTICLE DENSITOMETRY
In: M. Commodo, W. Prins, F. Scala, A. Tregrossi. XXXIX Meeting of the Italian Section of the Combustion Institute 4-6 July 2016, Naples, Italy, Napoli: The Italian Section of the Combustion Institute, ISBN: 978-88-88104-17-1, DOI: 10.4405/39proci2016.III3
- 9) A. El Hassanin, M. Liberini, G. De Falco, M. Commodo, P. Minutolo, A. Squillace, L. Carrino, A. D'Anna
TiO₂ NANOSTRUCTURED COATING OBTAINED VIA TERMOPHORETICAL DEPOSITION OF FLAME SYNTHETIZED NANOPARTICLES
In: M. Commodo, W. Prins, F. Scala, A. Tregrossi. XXXIX Meeting of the Italian Section of the Combustion Institute 4-6 July 2016, Naples, Italy, Napoli: The Italian Section of the Combustion Institute, ISBN: 978-88-88104-17-1, DOI: 10.4405/39proci2016.III6
- 10) L. Merotto, M. Sirignano, M. Commodo, A. D'Anna, R. Dondè, S. De Iuliis,
EXPERIMENTAL CHARACTERIZATION AND MODELING OF A NON-PREMIXED METHANE/AIR FLAME
In: M. Commodo, W. Prins, F. Scala, A. Tregrossi. XXXIX Meeting of the Italian Section of the Combustion Institute 4-6 July 2016, Naples, Italy, Napoli: The Italian Section of the Combustion Institute, ISBN: 978-88-88104-17-1, DOI: 10.4405/39proci2016.VI4
- 11) G. De Falco, M. Commodo, M. Barra, F. Chiarella, A. D'Anna, A. Cassinese, P. Minutolo
Thermophoretic deposition and electrical characterization of flame-synthesized carbon nanoparticle thin films
3rd Workshop on Surfaces, Interfaces and Functionalization Processes in Organic Compounds and Applications - SINFO III Naples, 27-29 June 2016.
- 12) G. De Falco, M. Commodo, P. Minutolo, A. D'Anna

A thermophoretic-thermocouple method for soot measurement in combustion

20th ETH-Conference on Combustion Generated Nanoparticles, Zurich, Switzerland, June 13th – 16st 2016.

- 13) M. Commodo, G. De Falco, P. Minutolo, A. D'Anna
Thermophoretic Sensors for Combustion Formed Nanoparticles
International Conference on Nanotechnology based Innovative Applications for the Environment – NINE – Rome, Italy, 20-23 March, 2016.
- 14) G. De Falco, M. Commodo, P. Pedata, P. Minutolo, A. D'Anna
Health Issues Concerning Carbon-TiO₂ Nanomaterials Produced by Flame Synthesis
International Conference on Nanotechnology based Innovative Applications for the Environment – NINE – Rome, Italy, 20-23 March, 2016.
- 15) G. Trunfio, G. De Falco, M. Commodo, P. Minutolo, A. D'Anna
Electrophoretic Aerosol focusing for Soot Particle Analysis
In: A. D'Anna, A. Ciajolo, M. Commodo, M.G. De Giorgi, Ö.L. Gülder, A. Tregrossi. XXXVIII Meeting of the Italian Section of the Combustion Institute 20-23 September 2015, Lecce, Italy, Napoli: The Italian Section of the Combustion Institute, ISBN: 978-88-88104-25-6, DOI: 10.4405/38proci2015.II3.
- 16) G. De Falco, M. Liberini, F. Scherillo, A. Astarita, M. Commodo, P. Minutolo, A. Squillace, A. D'Anna
Nano-Tio₂ Coatings of Aluminum Surfaces Produced by Aerosol Flame Synthesis
In: A. D'Anna, A. Ciajolo, M. Commodo, M.G. De Giorgi, Ö.L. Gülder, A. Tregrossi. XXXVIII Meeting of the Italian Section of the Combustion Institute 20-23 September 2015, Lecce, Italy, Napoli: The Italian Section of the Combustion Institute, ISBN: 978-88-88104-25-6, DOI: 10.4405/38proci2015.III1.
- 17) G. De Falco, G. Trunfio, M. Commodo, P. Minutolo, A. D'Anna
Thermocouple particle densitometry for quantification and characterization of combustion-formed particulate matter
In: A. D'Anna, A. Ciajolo, M. Commodo, M.G. De Giorgi, Ö.L. Gülder, A. Tregrossi. XXXVIII Meeting of the Italian Section of the Combustion Institute 20-23 September 2015, Lecce, Italy, Napoli: The Italian Section of the Combustion Institute, ISBN: 978-88-88104-25-6, DOI: 10.4405/38proci2015.IX4.
- 18) M. Commodo, L.A. Sgro, M. Chiari, G. De Falco, A. D'Anna, P. Minutolo
Characterization of Flame-Generated Carbonaceous Nanoparticles by Oc/Ec Analysis, Raman and Uv-Vis Spectroscopy
XXXVIII Meeting of the Italian Section of the Combustion Institute 20-23 September 2015, Lecce, Italy.
- 19) G. De Falco, M. Commodo, P. Minutolo, A. D'Anna
An experimental study of interactive forces and Hamaker constant of flame-formed carbon aerosols from AFM
2015 European Aerosol Conference – Milano – Italy – 6-11 September 2015.
- 20) L.A. Sgro, M. Commodo, M. Chiari, A. D'Anna, P. Minutolo
OC/EC analysis and Raman spectroscopy of flame-generated carbonaceous nanoparticles
2015 European Aerosol Conference – Milano – Italy – 6-11 September 2015.
- 21) M. Commodo, G. De Falco, R. Larciprete, A. D'Anna, P. Minutolo
On the hydrophilic/hydrophobic character of carbonaceous nanoparticles formed in laminar premixed flames
MCS-9 The Ninth Mediterranean Combustion Symposium, Rhodes, Greece, June 7-11, 2015.
- 22) G. De Falco, M. Commodo, P. Pedata, P. Minutolo, A. D'Anna
Carbon-TiO₂ Nanostructures: Flame Synthesis and Characterization
2014 MRS Fall Meeting & Exhibit – Symposium HH: Flame and High-Temperature Synthesis of Functional Nanomaterials—Fundamentals and Applications— Boston, MA November 30 – December 5, 2014.
- 23) P. Minutolo, M. Commodo, G. De Falco, R. Larciprete, A. D'Anna
Characterization of Flame-Generated 2-D Carbon Nano-Disks
2014 MRS Fall Meeting & Exhibit – Symposium J: Emerging Non-Graphene 2D Atomic Layers and van der Waals Solids – Boston, MA November 30 – December 5, 2014.
- 24) G. De Falco, M. Commodo, P. Minutolo, A. D'Anna,
Adhesive and attractive forces of flame-formed carbon nanoparticles by Atomic Force Microscopy
Work-in-Progress Poster at the 35th International Symposium, San Francisco, California, USA, August 3-8, 2014.
- 25) M. Commodo, A. Bruno, G. de Falco, C. Borriello, T. Di Luccio, C. Minarini, P. Minutolo, A. D'Anna

Novel organic nano-carbon materials for organic electronics applications

E-MRS 2014 SPRING MEETING 26-30 May 2014, Lille, France.

- 26) G. De Falco, M. Commodo, P. Minutolo, A. D'Anna
An Experimental Study of Adhesion and Attractive Forces of Different Flame-Formed Carbon Nanoparticles using AFM
In: S. Caillat, B. Leroux, G. Legros, L. Tognotti, B. Apicella, M. Derudi. Joint Meeting of the French and Italian Sections of the IFRF and The Combustion Institute 23-24 April 2014, p.77, Pisa, Italy: The Italian Section of the Combustion Institute, ISBN: 978-88-88104-16-4, DOI: 10.4405/profic2014.C8.
- 27) M. Commodo, G. Tessitore, G. De Falco, P. Minutolo, A. D'Anna
Photoionization Study of Soot Precursors Nanoparticles in Laminar Premixed Ethylene/Ethanol Flames
MCS The Eight Mediterranean Combustion Symposium Ilıca Hotel, Çesme, Izmir, Turkey September 8 – 14, 2013.
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Optical and Electrical Characterization of Carbon Nanoparticles Produced in Laminar Flames
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- 29) G. De Falco, M. Commodo, A. Santamaria, P. Minutolo, A. D'Anna
Nano-TiO₂ Particles Produced in a Vapour-Fed Aerosol Flame Reactor
In: A. Ciajolo, A. D'Anna, G. Nathan, F. Scala. XXXVI Combustion Meeting Annual meeting of the Italian Section of the Combustion Institute 13-15 June 2013, p.51, Isola di Procida, Italy, Napoli: The Italian Section of the Combustion Institute, ISBN: 9788888104157.
- 30) A. Santamaria, G. De Falco, M. Commodo, P. Minutolo, A. D'Anna
Raman Features Between Two Classes of Carbon Nanoparticles Generated in Ethylene Flames
In: A. Ciajolo, A. D'Anna, G. Nathan, F. Scala. XXXVI Combustion Meeting Annual meeting of the Italian Section of the Combustion Institute 13-15 June 2013, p.51, Isola di Procida, Italy, Napoli: The Italian Section of the Combustion Institute, ISBN: 9788888104157.
- 31) M. Commodo, G. Tessitore, G. De Falco, P. Minutolo, A. D'Anna
The role of Ethanol Addition in Laminar Premixed Flames of Ethylene on Soot Precursors Nanoparticles by Photoionization-DMA
In: A. Ciajolo, A. D'Anna, G. Nathan, F. Scala. XXXVI Combustion Meeting Annual meeting of the Italian Section of the Combustion Institute 13-15 June 2013, p.51, Isola di Procida, Italy, Napoli: The Italian Section of the Combustion Institute, ISBN: 9788888104157
- 32) P. Minutolo, A. Santamaria, M. Commodo, G. De Falco, A. D'Anna
Raman and AFM signature of flame-formed carbonaceous 2-D nano-flakes
Graphene 2013 April 23rd to 26th, 2013 Bilbao, Spain
- 33) A. Santamaria, G. De Falco, M. Commodo, P. Minutolo, A. D'Anna
Raman spectroscopy of carbon nanoparticles generated in ethylene premixed flames
COST CM0901 Soot and PAHs Joint Working Group Meeting April 10-12, 2013 Hilton Sorrento Palace Sorrento, Italy.
- 34) M. Commodo, P. Minutolo, A. D'Anna.
Analysis of flame-formed organic nanoparticles by UV laser photoionization measurements
COST CM0901 Soot and PAHs Joint Working Group Meeting April 10-12, 2013 Hilton Sorrento Palace Sorrento, Italy.
- 35) G. De Falco, A. Morgan, M. Commodo, P. Minutolo, A. D'Anna.
Flame synthesis of MgO nanoparticles in a FASP Reactor
2012 MRS Fall Meeting & Exhibit – Symposium Y: Combustion Synthesis of Functional Nanomaterials – Boston, MA November 25-30, 2012.
- 36) M. Commodo, L.A. Sgro, A. D'Anna, P. Minutolo.
Particle Inception Study in Fuel Rich Laminar Premixed Flames by Photoionization Measurements
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- 37) G. De Falco, A. Morgan, M. Commodo, P. Minutolo, A. D'Anna.
Flame Synthesis of MgO Nanoparticles in a FASP Reactor

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- 38) G. De Falco, M. Commodo, P. Minutolo, A. D'Anna.
Scanning Spreading Resistance Microscopy for Electrical Characterization of Flame Generated Particles
XXXV Meeting of the Italian Section of the Combustion Institute – Milano, 10-12 Ottobre 2012.
- 39) G. De Falco, M. Commodo, P. Minutolo, A. D'Anna.
Proprietà Elettriche del Particolato Carbonioso Prodotto da Fiamme Laminari Premiscelate Ricche di Combustibile
Convegno Nazionale GRICU 2012 – 16- 19 settembre 2012 Montesilvano PE.
- 40) G. De Falco, M. Commodo, V. Pagliarulo, G.P. Pepe, P. Minutolo, A. D'Anna.
Electrical Properties of Carbonaceous Particles Collected from Laminar Premixed Flames
European Aerosol Conference – Granada – Spain – 2-7 Sept 2012.
- 41) M. Commodo, L.A. Sgro, A. D'Anna, P. Minutolo.
Particle Inception and Growth in Premixed Flames by Photoionization Measurements
34th International Symposium on Combustion – Warsaw, Poland, July 29 – August 3, 2012.
- 42) G. De Falco, M. Commodo, P. Minutolo, A. D'Anna.
Flame synthesis of metal nanoparticles
34th International Symposium on Combustion – Warsaw, Poland, July 29 – August 3, 2012.
- 43) P. Minutolo, M. Commodo, G. De Falco, A. D'Anna.
Optical and Electrical Characterization of Carbon Nanoparticles Produced in Premixed Flames
Annual World Conference on Carbon 2012 – Krakow – Poland – 17-22 June 2012.
- 44) M. Salamanca, M. Sirignano, M. Commodo, P. Minutolo, A. D'Anna (2011).
Addition of Ethanol in Rich Premixed Flames of Ethylene: The effect of the Equivalence Ratio
In: Proceedings of 34th Meeting of the Italian Section of the Combustion Institute, Rome, 24-26 October (2011).
ISBN: 978-88-88104-13-3
- 45) G. De Falco, M. Commodo, V. Pagliarulo, A. D'Anna, G.P. Pepe, P. Minutolo
Electrical Characterization of Carbonaceous Particles Collected from Premixed Laminar Flames
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- 46) M. Commodo, C.P.T. Groth, Ö.L. Gülder
Experimental Investigation of Aviation Fuel Thermal Oxidative Stability.
In: Proceedings of 34th Meeting of the Italian Section of the Combustion Institute, Rome, 24-26 October (2011).
ISBN: 978-88-88104-13-3
- 47) G. De Falco, M. Commodo, L.A. Sgro, P. Minutolo, A. D'Anna.
Flame-Generated Carbon Particles: New Insights on Particle Inception and Characterization.
Proceedings of 34th Meeting of the Italian Section of the Combustion Institute, Rome, 24-26 October (2011).
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- 48) M. Commodo, C. de Lisio, A. D'Anna, P. Minutolo.
Size Measurements of Fluorescent Carbon Nanoparticles in a Co-flowing Laminar Diffusion Flame by Time-Resolved Fluorescence Anisotropy.
In: A. D'Anna, F. Beretta, N. Selcuk, M. Mansour. Proceedings of the 7th Mediterranean Combustion Symposium. Chia Laguna, Sardinia, Italy, September 11-15, 2011, vol. 7, p. 96-97, Napoli: The Italian Section of the Combustion Institute, ISBN: 9788888104126
- 49) M. Salamanca, M. Sirignano, M. Commodo, P. Minutolo, A. D'Anna.
The Ethanol Effect on Particle Size Distribution on Ethylene Premixed Flame.
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- 50) M. Sirignano, A. Collina, M. Commodo, P. Minutolo, A. D'Anna
Detection of soot precursor particles by time-resolved laser induced emission measurements
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- 52) M. Commodo, O. Wong, I. Fabris, C. P.T. Groth, Ö. Gülder
Aromatic Content Variations in Thermally Stressed Aviation Fuel: A Spectroscopic Analysis
In: Proceedings of Combustion Institute – Canadian Section Spring Technical Meeting Carleton University, Ottawa, Canada 9-12 May (2010)
- 53) P. Minutolo, M. Commodo, M. Sirignano, A. D'Anna
Experimental and Modeling Study on Soot Inception in Rich Premixed Aliphatic and Aromatic Flames
Proceedings of 4th European Combustion Meeting ECM, Vienna, Austria 14-17 April (2009)
- 54) M. Commodo, A. D'Anna, R. Pagliara, P. Minutolo, G. Toniato
Emission of Ultra-Fine Particles from Domestic Burners
Proceedings of 31st Meeting on Combustion, Italian Section of the Combustion Institute, Torino, 17-20 June (2008)
- 55) A. D'Anna, M. Commodo, M. Sirignano, P. Minutolo, R. Pagliara
Numerical Simulation and Experimental Measurements of Soot and Organic Nanoparticles in Opposed-Flow Diffusion Flames of Methane, Ethylene and Propane
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- 56) A. D'Anna, M. Commodo, P. Minutolo
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- 59) G. Toniato, C. Accordini, A. D'Anna, M. Commodo, P. Minutolo, R. Pagliara
Combustion characteristics of commercial burner for home appliance
Proceedings of third European Combustion Meeting ECM, Crete, Greece, 11-13 April (2007)
- 60) A. De Filippo, M. Commodo, P. Minutolo, L.A. Sgro
The Evolution of Nanoparticle Size Distributions and UV-visible Extinction and Fluorescence in Premixed Ethylene Air Flames
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