



Europass Curriculum Vitae

Personal information

First name / Surname

Address

Mobile

E-mail

Nationality

Date of birth

Gender

Teresa Granato

teresa.granato@unical.it

Italian

Female

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

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Name and address of employer

Type of business or sector

Dates

February 2017 onwards

Knowledge Transfer Manager

Support for Technology Transfer activities

University of Calabria

Technology Transfer Office – Liaison Office

September 2012 - 2022

Occasional collaboration

Expert on the exploitation of research results - Support in the management of processes for technological innovation

Fincalabra - CalabrialInnova

In house regional financial institution

27/11/2020 – 13/01/2021

Evaluator for M-ERA.NET CALL 2020

Review 4 proposals as evaluator and 1 as a rapporteur in the topic “Innovative surfaces, coatings and interfaces”

M-ERA.NET consortium

European network of public funding organizations

01/11/2006 – 29/02/2012

Research grant

Preparation, characterization and application of inorganic materials for innovative catalytic processes

Department of Chemical Engineering and Materials – University of Calabria

Scientific research

01/06/2005 – 31/12/2006

Occasional collaboration

Characterization of solid materials for innovative use

Department of Chemical Engineering and Materials – University of Calabria

Scientific research

Academic years between 04/05 – 11/12

Occasional collaboration

Teaching Assistant

University of Calabria

Courses of Laboratory of Chemical Engineering and of Materials Science and Technology

01/03/2003 – 29/02/2004

Research grant (Call n° ITM/ASS/03)

Scientific research

Institute on Membrane Technology of the National Research Council of Italy (ITM – CNR)

Research activity on a Pilot plant on lab-scale on “Catalytic membrane reactors”

01/02/2002 – 31/01/2003

Occupation or position held
Main activities and responsibilities
Name and address of employer
Type of business or sector

Dates

Occupation or position held
Main activities and responsibilities
Name and address of employer
Type of business or sector

Education and training

Dates

Title of qualification awarded
Principal subjects/occupational skills covered
Name and type of organization providing education and training
Level in national or international classification

Dates

Title of qualification awarded
Principal subjects/occupational skills covered
Name and type of organization providing education and training
Level in national or international classification

Personal skills and competences

Mother tongue

Other language(s)

Self-assessment

European level (*)

Language

Social skills and competences

Organisational skills and competences

Computer skills and competences

Driving licence

Annexe

Scholarship for scientific research (Call n° 126.179.BS.2 codice 08)

Scientific research

Institute on Membrane Technology of the National Research Council of Italy (ITM – CNR)

Research activity on a Pilot plant on lab-scale on "Water Gas Shift Reaction in tubular and plane membrane reactors"

22/11/2001 – 31/01/2002

Scientific collaboration contract

Scientific research

Institute on Membrane Technology of the National Research Council of Italy (ITM – CNR)

Design and assistance for the realization of a laboratory plant for membrane reactors for high temperature and pressure reactions, equipped with a gas analysis system with a gas-chromatograph.

31/10/2006

PhD

Thesis Title "Synthesis, characterization and use of inorganic and organic microporous materials for the WHPCO process of vegetation waters - Study of advanced oxidation techniques (AOP)"

Department of Chemical Engineering and Materials – University of Calabria

ISCED - 8

19/10/2001

Bachelor of Chemical Engineering

Thesis Title "Oxidation reaction of methane in a highly diluted environment with a CSTR reactor"

Department of Chemical Engineering and Materials – University of Calabria

ISCED - 6

Italian

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B 1	Independent user	C 2	Proficient user	A 2	Basic user	A 2	Basic user	C 1	Proficient user

(*) [Common European Framework of Reference for Languages](#)

Good attitude to the teamwork, to perform duties in other than routine activities, to perform more tasks parallel

Natural setting to the organization and planning of work on short and long range

Competent with most Microsoft Office programmes

Driving license type B – Italian category

List of scientific publications

Teresa Granato

LIST OF SCIENTIFIC
PUBLICATIONS TERESA
GRANATO



PUBLICATIONS ON
INTERNATIONAL
SCIENTIFIC JOURNALS

Iazzolino G., Greco D., Verteramo S., Attanasio A.L., Carravetta G., **Granato T.** "An integrated methodology for supporting the development and the performance evaluation of academic spin-offs" MEASURING BUSINESS EXCELLENCE 24-1 (2020) 69-89

Granato T., Testa F., Olivo, R. "Catalytic activity of HKUST-1 coated on ceramic foam" Microporous and Mesoporous Materials 153 (2012) 236-246. DOI: 10.1016/j.micromeso.2011.12.055

Valkaj K.M., Wittine O., Margeta K., **Granato T.**, Katovic A., Zrnčević S. "Phenol oxidation with hydrogen peroxide using Cu/ZSM5 and Cu/Y5 catalysts" Polish Journal of Chemical Technology 13 (2011) 28-36. DOI: 10.2478/v10026-011-0033-6

Granato T., Le Piane F., Testa F., Katović A. and Aiello R. "MCM-41 deposition on alumina ceramic foams" Materials Letters 64 (2010) 1622–1625. DOI:10.1016/j.matlet.2010.03.063

Molinari R., Poerio T., **Granato T.** and Katović A. "Fe-zeolites filled in PVDF membranes in the selective oxidation of benzene to phenol" Microporous and Mesoporous Materials 129 (2010) 136–143. DOI: 10.1016/j.micromeso.2009.09.008

Granato T., Katović A., Maduna Valkaj K., Tagarelli A. and Giordano G. "Cu-Silicalite-1 catalyst for the wet hydrogen peroxide oxidation of phenol" Journal of Porous Materials 16 (2009) 227-232. DOI: 10.1007/s10934-008-9190-2.

Granato T., Katović A., Maduna Valkaj K. and Zrnčević S. "Zeolite based ceramics as catalysts for wet hydrogen peroxide catalytic oxidation of phenol and poly-phenols" Studies in Surface Science and Catalysis 174 (2008) 1171-1174.

Caudo S., Centi G., Genovese C., Giordano G., **Granato T.**, Katović A. and Perathoner S. "Cu-MOF: a new highly active catalyst for WHPCO of waste water from agro-food production" Studies in Surface Science and Catalysis Vol. 170B (2007) 2054-2059.

Giordano G., Perathoner S., Centi G., De Rosa S., **Granato T.**, Katović A., Siciliano A., Tagarelli A., Tripicchio F. "Wet hydrogen peroxide catalytic oxidation of olive oil mill wastewaters using Cu-zeolite and Cu-Pillared clay catalysts" Catalysis Today 124 (2007) 240–246. DOI: 10.1016/j.cattod.2007.03.041

Brunetti A., Barbieri G., Drioli E., **Granato T.**, Lee K.-H. "A porous stainless steel supported silica membrane for WGS reaction in a catalytic membrane reactor" Chemical Engineering Science 62 (2007) 5621– 5626. DOI: 10.1016/j.ces.2007.01.054

De Rosa S., Giordano G., **Granato T.**, Katović A., Siciliano A., Tripicchio F. "Chemical pretreatment of olive oil mill wastewater using a metal-organic framework catalyst" Journal of Agricultural and Food Chemistry 53 (2005) 8306-8309. DOI: 10.1021/jf0512609

Barbieri G., Brunetti A., **Granato T.**, Bernardo P., Drioli E. "Engineering Evaluations of a Catalytic Membrane Reactor for the Water Gas Shift Reaction" Industrial & Engineering Chemistry Research 44 (2005) 7676-7683. DOI: 10.1021/ie050357h

PUBLICATIONS ON ACTS OF
NATIONAL AND
INTERNATIONAL
CONVENTIONS

Granato T., Le Piane F., Testa F., Katović A. e Aiello R. "Deposizione di materiale mesoporoso su schiume ceramiche macroporose" 10° Convegno Nazionale AIMAT, Capo Vaticano (VV), Italia, 5-8 Settembre 2010, Atti del Convegno a cura di Rosario Aiello – Flaviano Testa ISBN: 978-88-7458-114-6, p. 329-332, **Presentazione Orale.**

Granato T., Le Piane F., Testa F., Katović A. and Aiello R. "MCM-41 coated on microcellular ceramic foams" 16th International Zeolite Conference (IZC) joint with the 7th International Mesoporous Materials Symposium (IMMS), Sorrento (Na), Italy, 4-9 Luglio 2010, Extended Abstracts edited by C. Coltella, P. Aprea, B. de Gennaro and B. Liguori ISBN: 978-88-89976-29-6, O49_Granato, **Oral Presentation**.

Granato T. and Katović A. "Cu-MOF catalyzed decomposition of hydrogen peroxide" 3th Czech-Italian-Spanish Trilateral Meeting on Catalysis and Micro/Meso-Porous Materials (CIS-3) joint with IX National Conference on Science and Technology of Zeolites (AIZ-2009), Acireale (CT), Italy, 21-25 Giugno 2009, Book of Abstracts edited by S. Perathoner, S. Quartieri, A.M. Casella ISBN: 978-88-86038-58-4, **Oral Presentation O21**.

Granato T., Katović A., Testa F. and Aiello R. "Hierarchical porous system containing Cu-MOF" 3th Czech-Italian-Spanish Trilateral Meeting on Catalysis and Micro/Meso-Porous Materials (CIS-3) joint with IX National Conference on Science and Technology of Zeolites (AIZ-2009), Acireale (CT), Italy, 21-25 Giugno 2009, Book of Abstracts edited by S. Perathoner, S. Quartieri, A.M. Casella ISBN: 978-88-86038-58-4, **Oral Presentation O33**.

Granato T., Katović A., Testa F., Aiello R. "Deposition of microporous layers on ceramic foams", VII CONVEGNO NAZIONALE INSTM SULLA SCIENZA E TECNOLOGIA DEI MATERIALI, Green Park Resort, Tirrenia (PI), Italy, 9-12 Giugno 2009, Atti VII Convegno INSTM, Poster P124.

Granato T., Katović A., Maduna K., Giordano G. "Evaluation of catalytic activity and stability of a Cu bearing metal-organic framework (MOF) for the WHPCO of phenol" 15th International Zeolite Conference (15th IZC), Beijing (China), 12-17 Agosto 2007, Poster P-1920.

Granato T., Caudo S., Centi G., Genovese C., Giordano G., Katović A., Perathoner S., Tagarelli A. "Wet hydrogen peroxide catalytic oxidation of phenol or of p-coumaric acid over Fe-MFI and Fe-Pillared clay catalysts" 15th International Zeolite Conference (15th IZC), Beijing (China), 12-17 Agosto 2007, Poster P-1129.

Genovese C., Caudo S., Perathoner S., Centi G., Giordano G., **Granato T.** "Use of layered and metallorganic materials for olive oil milling wastewater purification using H₂O₂" Poster VIII AIZ Congress 2007, National Conference on Science and Technology of Zeolites, Torino (Italy), 1-4 Luglio 2007, Book of abstracts edited by L. Marchese, S. Coluccia, E. Garrone 5P4 p.179-180.

Giordano G., Perathoner S., Centi G., De Rosa S., **Granato T.**, Katović A., Siciliano A., Tagarelli A., Tripicchio F. "Wet hydrogen peroxide catalytic oxidation of olive oil mill wastewaters using Cu-zeolite and Cu-Pillared clay catalysts" **Presentazione orale** 1st European Conference on EAAOP-Environmental applications of advanced oxidation processes, Chania (Creta), 7-9 Settembre 2006, Book of abstracts p.267, e-Proceedings P-240.

Granato T., Katović A., Maduna K., Tagarelli A., Giordano G. "Cu-Silicalite-1 catalysts for the WHPCO reaction of phenol" Poster 1st European Conference on EAAOP-Environmental applications of advanced oxidation processes, Chania (Creta), 7-9 Settembre 2006, Book of abstracts p.207, e-Proceedings P-187.

Caudo S., Centi G., Genovese C., Giordano G., **Granato T.**, Katović A., Laganà G., Perathoner S., Puliafito S. "Comparison of Cu-MOF and Cu-PILC catalysts in WHPCO of p-coumaric acid" **Presentazione orale** 1st European Conference on EAAOP-Environmental applications of advanced oxidation processes, Chania (Creta), 7-9 Settembre 2006, Book of abstracts p.197, e-Proceedings P-177.

Maduna Valkaj K., **Granato T.**, Katović A., Tomasic V., Zrnčević S. "Comparison of the activity of Cu-ZSM5 zeolite catalysts prepared by an ion-exchange method and direct hydrothermal synthesis method" **Presentazione orale** CHISA 2006 - 17th International Congress of Chemical and Process Engineering, Praga (Repubblica Ceca), 27-31 Agosto 2006, Summaries Vol. 1 – Reaction Engineering ISBN 80-86059-45-6, A2.04 p.22.

Maduna Valkaj K., Zrnčević S., **Granato T.**, Katović A. "Metal bearing MFI type zeolite catalysts for the wet hydrogen peroxide catalytic oxidation of phenol. Preparation and catalytic activity". **Presentazione orale**. International Course "New Trends in Catalysis", Brussels (Belgio), 11-13 Ottobre 2005, Proceedings, pp. 17-22.

Granato T., Katović A., Giordano G. "Preparation of Cu,M-Silicalite-1 catalysts (M=Al, B, Fe, Ni, Zn) for the WHPCO of phenol" Poster International Symposium "Catalytic processes on advanced micro- and mesoporous materials", Nessebar (Bulgaria), 2-5 Settembre 2005, Book of abstracts ISBN 954-323-132-X, p.128.

Maduna Valkaj K., **Granato T.**, Katović A. "MFI zeolite catalysts containing metal ions for catalytic oxidation of phenol" ARCA 2005 - 3rd International exhibition of innovation, new ideas, new products and technologies, Zagreb (Croazia), Settembre 2005

Granato T., Katović A., Giordano G. "Preparation of Cu,Zn-Silicalite-1 catalysts for the wet hydrogen peroxide catalytic oxidation (WHPCO) of phenol" Poster 7th European Congress on Catalysis EUROPACAT-VII, Sofia (Bulgaria), 28 agosto - 1 Settembre 2005, Book of abstracts, P9-75 p.299.

Granato T., Katović A., Giordano G. "Preparation of metal-organic framework (MOF) materials for the WHPCO of phenol" Poster 3rd FEZA Conference, Praga (Repubblica Ceca), 23-26 Agosto 2005, Book of Abstracts and recent research reports Po-219.

Granato T., Katović A., Giordano G. "Study of catalytic activity of Cu,Zn-Silicalite-1 catalysts for the wet hydrogen peroxide catalytic oxidation (WHPCO) of phenol" Poster VII Convegno Nazionale Scienza e Tecnologia delle Zeoliti & 1st Czech-Italian Workshop on Catalysis and Zeolites, Camigliatello Silano (CS), Italia, 26-30 Giugno 2005, Proceedings edited by G. Giordano ISBN 88-7458-032-0, pp.193-196.

Granato T., Katović A., Maduna K., Giordano G. "Catalytic activity of MOF and FAU materials in WHPCO of phenol" Poster 4th International Conference on Environmental Catalysis, Heidelberg (Germania), 5-8 Giugno 2005, Book of Abstracts, p. 193.

Maduna K., **Granato T.**, Katović A., Giordano G. "Catalytic activity of zeolites containing copper in catalytic wet peroxide oxidation of phenol" **Presentazione orale** 3rd International Workshop on "Oxide Based Materials". New sources, novel phases, new applications, Como, Italia, 13-16 Settembre 2004, Program and Abstracts, pp. 77-78.

Maduna K., **Granato T.**, Katović A., Giordano G. "Preparation of metal bearing MFI type zeolite catalysts for the catalytic wet peroxide oxidation" **Presentazione orale** Convegno GRICU 2004 Nuove frontiere di applicazione delle metodologie dell'ingegneria chimica, Porto d'Ischia (NA), Italia, 12-15 Settembre 2004, Atti Vol. II Pubblicazione curata dalla CUES Srl per conto del GRICU ISBN 88 87030 80 4, pp.925-928.

Barbieri G., **Granato T.**, Bernardo P., Drioli E., Benes N.E., Kruidhof H., Luiten M.W.J. "Water-gas shift reaction in membrane reactor using silica membranes" **Presentazione orale** 6th International Conference on Catalysis in Membrane Reactors, Lahnstein (Germania), 6-9 Luglio 2004, Book of Abstract p.60.

Algieri C., Bruno A., Gomez O., Mallada R., Aguado S., Bernal P., Golemme G., Menéndez M., Santamaría J., **Granato T.**, Bernardo P., Barbieri G. "Zeolite membranes for methanol synthesis in a membrane reactor" **Presentazione Orale** Atti del convegno ECCE 4th European Congress of Chemical Engineering, Granada (Spagna), 21-25 Settembre 2003.

WORKSHOPS AND TRAINING COURSES

Workshop "**Sviluppo intelligente del territorio tra Programmi Operativi Regionali e Horizon 2020**", 27 Novembre 2015, organizzato dalla Regione Calabria e da APRE, Cittadella Regionale, Germaneto (CZ).

Ciclo di seminari "**TIA: Tecnologie Innovative per l'Ambiente: caratterizzazione, trattamento e valorizzazione di inquinanti, reflui e rifiuti**" 14,20,21 Marzo 2015 - 11,17,18 Aprile 2015, organizzato dai referenti del PON-SILA presso Università della Calabria.

Workshop "**Lo Strumento PMI in Horizon 2020**", 29 Aprile 2015, organizzato da Biotecnomed, Germaneto (CZ).

Workshop "**Horizon 2020, come strutturare una proposta vincente**", 9-12 Dicembre 2013, organizzato dal Liaison Office dell'Università della Calabria.

Workshop "**Le opportunità di Horizon 2020: novità, linee di azione, regole di accesso per presentare progetti d'eccellenza**", 14 Novembre 2013, organizzato dallo Sportello APRE Calabria (Calabrialnnova) in collaborazione con l'Università della Calabria e l'Università degli Studi Mediterranea di Reggio Calabria.

Workshop "**Bioingegneria & E-Health: Ricerca e Applicazioni Cliniche nel campo delle malattie neurodegenerative**", 26 Ottobre 2013, organizzato dallo Sportello APRE Calabria (Calabrialnnova) e dal Centro Regionale di Neurogenetica, Lamezia Terme (CZ).

Partecipazione come referente Servizio CI-Materiali Calabrialnnova alla **Giornata di Lancio di Alliance for Material Italia** - A4Mit organizzato da APRE, 6 Febbraio 2013, Roma presso MIUR.

Partecipazione come referente Servizio CI-Materiali Calabrialnnova al **Gruppo di Lavoro "Materiali verso Horizon 2020"** con la partecipazione della Prof.ssa Elisa Molinari, delegato nazionale al Comitato di Programma NMP. GdL organizzato da APRE, 6 Febbraio 2013, Roma presso MIUR.