



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Florica Papa
Address(es)	Calea Floreasca Street, 94, Bucharest , Romania
Fax(es)	0040213121147
E-mail	frusu@icf.ro
Nationality	Romanian
Date of birth	28. iulie 1968
Gender	female
Date	10 /2014- present
Occupational field or position held Name and address of employer	Chemical-Senior Researcher 2nd degree Romanian Academy, "Ilie Murgulescu" Institute of Physical Chemistry
Dates	04/ 2008-10/2014
Occupation or position held	Senior Researcher third degree
Main activities and responsibilities	Catalysts synthesis, characterization
Name and address of employer	Romanian Academy, "Ilie Murgulescu" Institute of Physical Chemistry
Type of business or sector	Research
Dates	03/1998-04/2008
Occupation or position held	Scientific researcher
Main activities and responsibilities	Catalytic reaction Synthesis of mixed oxide catalysts
Name and address of employer	Romanian Academy, "Ilie Murgulescu" Institute of Physical Chemistry
Type of business or sector	Research
Dates	11/1995-03/1999
Occupation or position held	Assistant researcher
Main activities and responsibilities	Catalytic reaction Synthesis of catalysts,
Name and address of employer	Romanian Academy, "Ilie Murgulescu " Institute of Physical Chemistry
Type of business or sector	Research
Dates	11/1998 – 10/2006
Title of qualification awarded	PhD
Principal subjects / occupational skills covered	Chemistry/ Total oxidation of lower alkanes
Name and type of organisation providing education and training	Romanian Academy, "Ilie Murgulescu" Institute of Physical Chemistry
Level in national or international classification	ISCED 6
Title of qualification awarded	Master's Degree

Name and type of organisation providing education and training	University of Bucharest (Faculty of Chemistry) Bucharest (Romania)
Level in national or international classification	ISCED 5
Date	10/1990 – 07/1995/ Gas desulfurization with ferric chelates of EDTA and NTA
Title of qualification awarded	Bachelor's Degree
Principal subjects / occupational skills covered	Chemistry
Name and type of organisation providing education and training	University of Bucharest (Faculty of Chemistry) Bucharest (Romania)
Level in national or international classification	ISCED 5
Mother tongue(s)	Romanian
Self-assessment	
European level (*)	
English	
French	
Computer skills and competences	Good knowledge of Microsoft Office (Word, Excell, PowerPoint, Access), OriginPro8,
Social skills and competences	Team member in various national projects, experience as team leader and the principal investigator (national projects) PN-II-PC-2007 - CNMP 62-053/2008-BIOMONOXIS - PN-II-PCCA-2011- UEFISCDI 100/2012 INTEGRATREAD PN-II-PTE-2007- UEFISCDI 26PTE/2020 DENOX
Driving licence	Yes (B)
Publication in scientific journals	56
Project manager	3
Conference participations (oral presentation)	8
Conference participations	>20
h-index SCOPUS	16
Citations SCOPUS	741
Orcid web page	https://orcid.org/0000-0002-1495-509X
Patents	4
	List of scientific papers (selection) Annexe 1.

Annexe 1

1. Florica Papa, Dana Gingasu , Luminita Patron , Akane Miyazaki , Ioan Balint, On the nature of active sites and catalytic activity for OCM reaction of alkaline-earth oxides-neodymia catalytic systems, Applied Catalysis A: General 375 (2010) 172–178;
2. Florica Papa, Luminița Patron, Oana Carp, Carmen Paraschiv, Ioan Balint, Catalytic behavior of neodymium substituted zinc ferrites in oxidative coupling of methane, Revue Romaine de Chimie, 55 (2010) 33-38
3. Florica Papa, Luminita Patron, Oana Carp, Carmen Paraschiv, Balint Ioan, Catalytic activity of neodymium substituted zinc ferrites for oxidative conversion of methane, Journal of Molecular Catalysis A: Chemical 299 (2009) 93–97
4. Gianina Dobrescu , Florica Papa, Iudith Fangli and Ioan Balint Pt-Cu Nanoparticles: Morphology and Structure by Fractal Analysis, Applied Computing , 2010,
5. Mariana Stoica, Monica Caldararu, Florica Rusu (Papa), Nicolae I. Ionescu, Some Experimental Evidence for Hydrogen Spillover on Pt/Al₂O₃ , Catalyst by Electrical Conductance Transient Responce, Applied Catalysis A General , 183 (1999) 287-293,

6. Ioana Jitaru, Daniela Berger, Victor Fruth, Anca Novac, Nicolae Stanica, Florica Rusu (Papa), Lanthanum Chromites Doped with Divalent Transition Metals, *Ceramics International*. 26(2000) 193-196
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8. Daniela Berger, N. Van Landschoot, Costana Ionica, Florica Papa, Victor Fruth, Synthesis of pure and doped lanthanum cobaltite by the combustion method, *Journal of Optoelectronics and Advanced Materials*, 5(3)2003, 719-724.
9. Gianina Dobrescu, Daniela Berger, Florica Papa, Nicolae I. Ionescu, Mircea Rusu, Fractal analysis of micrographs and adsorption isotherms of La_{1-x}Sr_xCoO₃ samples, *Journal of Optoelectronics and Advanced Materials*, vol. 5, no. 5, 2003, p. 1433-1437,
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11. Gianina Dobrescu, Daniela Berger, Florica Papa, Iudith Fangli and I. Sitaru, Fractal analysis of micrographs and adsorption isotherms of La_xSr_{1-x}CoO₃ samples, *Annals of West University of Timisoara* (12) 2003, 1359-1364
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13. Cristian Matei, Daniela Berger, Stefania Stoleriu, Florica Papa, Victor Fruth Synthesis of lanthanum ferrite nanopowder by combustion method, *Journal of Optoelectronic and Advanced Materials* Vol. 9, No. 6, June 2007, p. 1793 - 1796
14. Daniela Berger, Cristian Matei, Florica Papa, Geta. Voicu, Victor. Fruth Pure and doped lanthanum cobaltites obtained by combustion method, *Progress in Solid State Chemistry* 35 (2007) 183-191
15. Dobrescu Gianina, Florica Papa, Daniela Berger, Maria Zaharescu, Maria Crisan, M. Rusu, Nicolae I. Ionescu, Fractal Analysis of TEM and SEM Micrographs of Nanoparticles, , *Nanoscience and Nanotechnology*, 4, eds. Balabanova, I Dragieva, Heron Press, Sofia, 2004, p. 15-18
16. Vasile Georgescu, Gianina Dobrescu, Florica Papa and Nicolae Ionescu, Total oxidation of benzene using Cu-Cr mixed oxide as catalyst, *Reaction Kinetic Catalysis Letters* 94(2), (2008)345-350, of alkaline-earth oxides-neodymia catalytic systems
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18. Florica Papa, Catalin Negrila, Akane Miyazaki, Ioan Balint "Morphology and chemical state of PVP-protected Pt, Pt-Cu, and Pt-Ag nanoparticles prepared by alkaline polyol method" *Journal of Nanoparticle Research*: 13(10), 5057-5064, 2011
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21. Florica Papa, Patron Luminita, Petre Osiceanu, Ruxandra Birjega, Miyazaki Akane, Ioan Balint "Acid-base properties of the active sites responsible for C₂ + and CO₂ formation over MO-Sm₂O₃ (M = Zn, Mg, Ca and Sr) mixed oxides in OCM reaction" *Journal of Molecular Catalysis A: Chemical* 346 (2011) 46– 54
22. Ioan Balint, Akane Miyazaki, Dana Gingasu and Florica Papa, "Relevance of MO-Sm₂O₃ (M= Zn, Mg, Ca, Sr) mixed oxides basicity on the efficiency of methane conversion to C₂+ hydrocarbons" , *Reaction Kinetics, Mechanisms and Catalysis*, Volume 105, Issue 1 (2012) , 5., 24
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25. Florica Papa, Akane Miyazaki, Mariana Scurtu, Adelina C. Ianculescu, Ioan Balint *J Nanopart Res* (2014) 16:2249, DOI 10.1007/s11051-014-2249- Morphology, chemical state of nanometric-sized Pt-Cu and Pt-Ag particles, and their photocatalytic activity for mineralization of methanol
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29. Razvan State, Mariana Scurtu, Akane Miyazaki, Florica Papa, Irina Atkinson, Cornel Munteanu, Ioan Balint,, Influence of metal-support interaction on nitrate hydrogenation over Rh and Rh-Cu nanoparticles dispersed on Al₂O₃ and TiO₂ supports; *Arabian Journal of Chemistry*, Volume 10, Issue 7, November 2017, Pages 975-984,
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