

Titlu proiect: 'Procedeu integrat pentru eliminarea azotatilor si pesticidelor organoclorurate din apele naturale contaminate ca urmare a activitatilor agricole'

Categoria de proiect:Parteneriate in domenii prioritare

Contractul de finanțare: nr: 100/2012

Responsabil proiect: Florica Papa

Cod Proiect: PN-II-PT-PCCA-2011-3.1-1497

Lista rezultate

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII / COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/EDITURA IN CARE A APARUT / CONFERINȚA LA CARE S-A COMUNICAT	ANUL PUBLICĂRII/ COMUNICĂRII
ARTICOLE ISI				
1	Florica Papa, Ioan Balint, Catalin Negrita, Elena-Alina Olaru, Irina Zgura, Corina Bradu	Supported Pd–Cu Nanoparticles for Water Phase Reduction of Nitrates. Influence of the Support and of the pH Conditions	Industrial and eng chemistry research, 2014, 53, 19094-19103/ACS	2014
2	State Razvan Nicolae, Papa Florica, Munteanu Cornel, Balint Ioan, Ion Alberto, Volceanov Adrian	Synthesis and characterization of pvp(polyvinyl pyrrolidone) stabilized gold nanoparticles	Romanian Journal of Materials 45, 262-266	2015
3	State Razvan Nicolae, Papa Florica, Dobrescu Gianina, Munteanu Cornel, Atkinson Irina, Balint Ioan, Volceanov Adrian	Green synthesis and characterization of gold nanoparticles obtained by a direct reduction method and their fractal dimension	Enviromental Engineeering And Management Journal 14, 587-593	2015
4	V. Bratan, C. Munteanu, C. Hornoiu*, A. Vasile, F. Papa, R. State, S. Preda, D. Culita, N.I. Ionescu	CO oxidation over Pd supported catalysts —In situ study of the electric and catalytic properties	Applied Catalysis B: Environmental 207 (2017) 166–173/ Elsevier	2017
ARTICOLE ALTE BAZE DE DATE				
1				
n				
CARTI				
1				
n				
n				
COMUNICARI ȘTIINȚIFICE INTERNAȚIONALE				

1	The 2nd International Conference on Chemical Engineering , ICCE 2014, 5-8 nov. 2014, Iasi, Romania, “Green synthesis” and characterization of gold nanoparticlesobtained by a direct reduction method; R. State, F. Papa, G. Dobrescu, C. Munteanu, A. Volceanov, I. Balint			
2	UGAL INVENT, 8-10 oct. 2014, Galati, Romania, Synthesis and characterization of gold nanoparticles using PVP (polyvinyl Pyrrolidone); Razvan State, Florica Papa, Cornel Munteanu, Ioan Balint, Adrian Volceanov			
3	The 6th International conference on Advanced Nanomaterials; 20.07.2015-22.07.2015; Aveiro, Portugalia; Gold and Palladium Gold Catalysts Used for Nitrate Reduction from Water; Razvan State, Florica Papa, Gianina Dobrescu, Cornel Munteanu, Ioan Balint, Adrian Volceanov			
4	The 6th International conference on Advanced Nanomaterials; 20.07.2015-22.07.2015; Aveiro, Portugalia; Hydrogen production from photocatalytic water-splitting reaction using Pd-Au nanoparticles dispersed on TiO2, Florica Papa, Corina Bradu, Razvan State, Gianina Dobrescu, Mariana Scurtu , Cornel Munteanu, and Ioan Balint			
5	The 14th Conference of the European Ceramic Society; 21.06.2015 – 25.06.2015; Toledo, Spania; Mono and bimetallic nanoparticles supported on titania used in water nitrate removal; Razvan State, Florica Papa, Gianina Dobrescu, Cornel Munteanu, Ioan Balint, Adrian Volceanov			
6	The 11th international Congress on Catalysis and Fine Chemicals, 5-8 sept 2016; Lyon, France Trichloroethylene photocatalytic degradation using mono and bimetallic Pd, Au, Pd-Au supported by titania, State Razvan, Papa Florica, Tatjana Tabakova, Gianina Dobrescu, and Balint Ioan, Romania;			
7	11th Natural Gas Conversion Symposium, Tromso, Norvegia, 5-9 iunie, 2016, The effect of surface basicity on the C₂+ formation yield and nitrate reduction over Pd nanoparticles supported equimolecular mixture of MgO and rare earth M₂O₃ (M= La, Nd, Sm, Gd, and Fe) F. Papa, R. State, G. Dobrescu, C. Bradu, G. Postole, D.Gingasu, L. Patron, I.Balint			
ATLASE, DICTIONARE DE SPECIALITATE				
1				
n				
CERERI BREVET DE INVENTII/BREVET OBTINUT				
1				
Denumire echipament		Categorie de achiziții*: (numai mijloace fixe)	Valoarea (lei)	Locație
2014				
Laptop Lenovo , ideaPad, Y 510p, intel core-i7,(cod-59-390565)		Imobilizari corporale	4799	Laborator 4 ICF
Laptop DELL XPS, Intel core-i5, 4200U (cod-1000014171)		Imobilizari corporale	6099	Laborator 4 ICF
2016				
Laptop :aptop Asus TP 501 i-7 6500U1 Tb+128GBG7940M		Imobilizari necorporale	3799	Laborator 4 ICF
Calculator Dell Inspition 5459 All-in-One, core i-5 6400T, 2.2GHz, 23.8”, Ful HD, 8GB, 1TB, DVD-RW		Obiecte de inventar	4149.99	Laborator 4 ICF
Centrifuga		Obiecte de inventar	6399	Laborator 4 ICF

**Responsabil proiect,
Florica Papa,**