

Universitatea Petrol-Gaze din Ploiest  
 Consiliul Studiilor Universitare de Doctorat  
 Școala Doctorală  
 Domeniul de doctorat – **Inginerie chimică**

A1.2.1.1. Lista lucrărilor publicate de conducătorii de doctorat în calitate de autori/coautori în reviste cotate în bazele de date internaționale Web of Science (WOS), Scopus (SCP), Google Scholar (GSC)

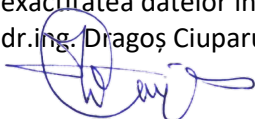
Conducător doctorat **Prof. univ. dr. ing. Dragoș Ciuparu**

Nr crt.	Titlu lucrare	Listă autori	Denumire revistă	Factor de impact	Date identificare articol (vol., nr.)	An apariție	Baza de date indexare	Link înregistrare baza de date
1.	Kinetics of Gas Phase Synthesis of Ethyl-tert-butyl Ether (ETBE) on H3PW12O40/MCM-41 Catalyst	Kong, SI, Borcea, A, Cursaru, D, Ciuparu, D	REVISTA DE CHIMIE	1.412	69 /, 11/, 3042-3047	2018,	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=48&amp;SID=E1M6jBJIm9jYg684611&amp;page=1&amp;doc=1">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=48&amp;SID=E1M6jBJIm9jYg684611&amp;page=1&amp;doc=1</a>
2.	Assessing the Catalytic Potential of 12-tungstophosphoric Acid Supported on MCM-41 for the Gas Phase Etherification of Alcohols	Kong, S.I.; Borcea, A.; Matei, V.; Ciuparu, D	REVISTA DE CHIMIE	1.412	68/, 7/, 1442-1448	2017	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=2">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=2</a>
3.	Characterization and Stability of Heteropolyacid Catalysts Supported on MCM-41 Materials Synthesized by Ultrasonic Irradiation	Kong, S.I.; Matei, D.; Cursaru, D.; Matei, V.; Ciuparu, D	REVISTA DE CHIMIE	1.412	68/, 1/, 101-107	2017	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=</a>

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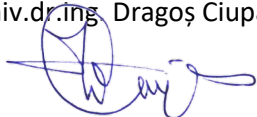


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4.	Improving the catalytic performance of ion exchange resins in the etherification of glycerol with isobutene	Mangourilos, V.; Filotti, L.; Bolocan, I.; Ciuparu, D.	REVISTA DE CHIMIE	1.232	67/, 5/, 929-934	2016	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=4">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=4</a>
5.	Modelling and Simulation of an Industrial Fluid Catalytic Cracking Unit	Radu, S.; Ciuparu, D	REVISTA DE CHIMIE	0.677	65/, 1/, 113-119	2014	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=6">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=6</a>
6.	Hydrodesulfurization of FCC Gasoline over Ni-Mo Catalyst supported on MCM-41	Jang, C. R.; Matei, V.; Voicu, V.; Borcea, A.; Ciuparu, D.	REVISTA DE CHIMIE	0.677	65/, 12/, 1525-1529	2014	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=5">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=5</a>
7.	Stability of carbon nanowalls against chemical attack with acid solutions	Vizireanu, S.; Dinescu, G.; Nistor, L. C.; Baibarac, M.; Ruxanda, G.; Stancu, M.; Ciuparu, D.	Physica E- Low-Dimensional Systems & Nanostructures	1.856	47/, 59-65	2013	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=9">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=9</a>
8.	Synthesis and characterization of nickel nanoparticles anchored on chemically	Stancu, M.; Ruxanda, G.; Stanica, N.;	Optoelectronics and Advanced Materials-	0.449	7/, 1-2/, 110-115	2013	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_</a>

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	functionalized carbon nanotubes	Dinescu, A.; Ciuparu, D.	Rapid Communications					<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=8">mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=8</a>
9.	Enhanced electropromotion of methane combustion on palladium catalysts deposited on highly porous supports	Matei, F.; Jimenez-Borja, C.; Canales-Vazquez, J.; Brosda, S.; Dorado, F.; Valverde, J. L.; Ciuparu, D.	Applied Catalysis B-Environmental	6.007	132/, 80-89	2013	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=7">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=7</a>
10.	The Influence of the Character of Emulsifiers on the Performance of H(4)SiW(12)O(40 center dot)30H(2)O Heteropolyacid Catalyst in Glycerol Etherification with Isobutene	Voicu, V.; Bombos, D.; Bolocan, I.; Jang, C. R.; Ciuparu, D.	REVISTA DE CHIMIE	0.677	63/, 2/, 200-204	2012	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=17">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=17</a>
11.	The influence of the chemical treatment on the ferromagnetic behavior of carbon nanotubes synthesized using ferromagnetic catalyst	Stancu, M.; Ruxanda, G.; Stanica, N.; Dinescu, A.; Nistor, L.; Ciuparu, D.	Optoelectronics and Advanced Materials-Rapid Communications	0.449	6/, 7-8/, 723	2012	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=15">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=15</a>
12.	Combustion of Methane over Palladium-Based Catalysts: Catalytic Deactivation and Role of the Support	Schwartz, W. R.; Ciuparu, D.; Pfefferle, L. D.	Journal of Physical Chemistry C	4.853	116/, 15/, 8587-8593	2012	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=16">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=16</a>
13.	Electrochemical Promotion of Propane and Methane Oxidation on Sputtered Pd	Peng-ont, S.; Praserttham, P.; Matei, F.; Ciuparu,	Catalysis Letters	2.291	142/, 11/, 1336-1343	2012	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=16">http://apps.webofknowledge.com.am.e-information.ro/full_record.</a>

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	Catalyst-Electrodes Deposited on YSZ	D.; Brosda, S.; Vayenas, C. G.						<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=12">do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=12</a>
14.	Electrochemical promotion of methane oxidation on impregnated and sputtered Pd catalyst-electrodes deposited on YSZ	Matei, F.; Ciuparu, D.; Jimenez-Borja, C.; Dorado, F.; Valverde, J. L.; Brosda, S.	Applied Catalysis B-Environmental	6.007	127/, 18-27	2012	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=13">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=13</a>
15.	Electrochemical promotion of methane oxidation on Pd catalyst-electrodes deposited on Y2O3-stabilized-ZrO2	Jimenez-Borja, C.; Brosda, S.; Matei, F.; Makri, M.; Delgado, B.; Sapountzi, F.; Ciuparu, D.; Dorado, F.; Valverde, J. L.; Vayenas, C. G.	Applied Catalysis B-Environmental	6.007	128/, 48-54	2012	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=11">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=11</a>
16.	Dependence of graphitic order of carbon nanostructures on AC and DC arc discharge methods and Ni content in thin electrode	Jang, C. R.; Ruxanda, G.; Stancu, M.; Voicu, V.; Ciuparu, D.	Optoelectronics and Advanced Materials-Rapid Communications	0.449	6/, 1-2/, 62-67	2012	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=18">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=2&amp;doc=18</a>
17.	Impregnation of Catalytic Active Components in an Ammonia Solution During Granulation of Aluminium Hydroxide Gel by Sol-Gel Method in Hydrocarbon-Ammonia Moulding Column	Jang, C. R.; Han, K. B.; Voicu, V.; Matei, V.; Ciuparu, D.	Revista De Chimie	0.677	63/, 12/, 1301-1305	2012	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=10">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1oIBYD9kFfptKM9J2L&amp;page=1&amp;doc=10</a>

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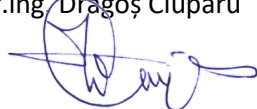


18.	Synthesis and Characterization of Sulfonic Acid Catalysts Supported on Mesoporous Molecular Sieves	Voicu, V.; Bolocan, I.; Ciuparu, D.	Revista De Chimie	0.677	62/, 12/, 1206- 1212	2011	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C56vNCCzsgQKYqaNF5a&amp;page=2&amp;doc=19">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C56vNCCzsgQKYqaNF5a&amp;page=2&amp;doc=19</a>
19.	Purification of multiwall carbon nanotubes obtained by AC arc discharge method	Stancu, M.; Ruxanda, G.; Ciuparu, D.; Dinescu, A.	Optoelectronics and Advanced Materials- Rapid Communications	0.449	5/, 8/, 846-850	2011	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C56vNCCzsgQKYqaNF5a&amp;page=2&amp;doc=20">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C56vNCCzsgQKYqaNF5a&amp;page=2&amp;doc=20</a>
20.	High-surface thermally stable mesoporous gallium phosphates constituted by nanoparticles as primary building blocks	Parvulescu, V. I.; Parvulescu, V.; Ciuparu, D.; Hardacre, C.; Garcia, H.	Journal of Catalysis	6.073	278/, 1/, 111-122	2011	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D4cl3Q9abykSjutTd5V&amp;page=3&amp;doc=22">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D4cl3Q9abykSjutTd5V&amp;page=3&amp;doc=22</a>
21.	Control of (n,m) Selectivity in Single Wall Carbon Nanotubes (SWNT) Growth by Varying the Co-Ni Ratio in Bimetallic Co-Ni-MCM 41 Catalysts	Cursaru, D. L.; Enescu, D.; Ciuparu, D.	Revista De Chimie	0.677	62/, 8/, 792-798	2011	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D1apurvtJPII6EltwW&amp;page=3&amp;doc=21">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D1apurvtJPII6EltwW&amp;page=3&amp;doc=21</a>
22.	Assumption regarding the action mechanism of extreme pressure additives mixed in vegetable oils	Bogatu, L.; Ciuparu, D.; Tanasescu, C.	Journal of the Balkan Tribological Association	0.321	17/, 4/, 597-605	2011	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D1apurvtJPII6EltwW&amp;page=3&amp;doc=21">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D1apurvtJPII6EltwW&amp;page=3&amp;doc=21</a>

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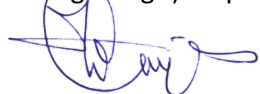


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23.	Synthesis of Single Walled Carbon Nanotubes (SWNT) by Chemical Vapour Deposition on MCM-41 Supported Ni Catalysts Obtained by Incorporation and Impregnation	Stancu, M.; Cursaru, D.; Manta, A. M.; Grigore, R.; Stamatin, I.; Ciuparu, D.	Revista De Chimie	0.677	61/, 6/, 604-607	2010	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=25">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=25</a>
24.	Improving the Oxidation Stability and Biodegradability of Environmentally Friendly Lubricants	Bogatu, L.; Ciuparu, D.; Tanasescu, C.	Revista De Chimie	0.677	61/, 10/, 1003-1006	2010	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=24">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=24</a>
25.	Etherification of Glycerol with Isobutene on Amberlyst 35 Ion Exchange Resin Catalyst in Presence of a Cationic Emulsifier	Mangourilos, V.; Bombos, D.; Juganaru, T.; Bolocan, I.; Bombos, M.; Ciuparu, D.	Revista De Chimie	0.677	60/, 12/, 1338-1342	2009	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=26">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=26</a>
26.	Varieties of carbon nanostructures obtained by the AC arc discharge method	Ruxanda, G.; Stancu, M.; Vizireanu, S.; Dinescu, G.; Ciuparu, D.	Journal of Optoelectronics and Advanced Materials	0.563	10/, 8/, 2047-2051	2008	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=27">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=27</a>
27.	Evidence for anchoring and partial occlusion of metallic clusters on the pore walls of	Lim, S. Y.; Wang, C.; Yang, Y. H.; Ciuparu, D.;	Catalysis Today	3.309	123/, 1-4/, 122-132	2007	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_</a>

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	MCM-41 and effect on the stability of the metallic clusters	Pfefferle, L.; Haller, G. L.						<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=31">mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=31</a>
28.	Improved synthesis of highly ordered Co-MCM-41	Lim, S.; Ciuparu, D.; Yang, Y. H.; Du, G. A.; Pfefferle, L. D.; Haller, G. L.	Microporous and Mesoporous Materials	3.209	101/, 1-2/, 200-206	2007	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=32">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=32</a>
29.	Pd catalysts supported on MgO, ZrO <sub>2</sub> or MgO-ZrO <sub>2</sub> : Preparation, characterization and study in hexane conversion	Ciuparu, D.; Ensuque, A.; Bozon-Verduraz, F.	Applied Catalysis A- General	3.674	326/, 2/, 130-142	2007	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=30">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=30</a>
30.	Low-defect, purified, narrowly (n,m)-dispersed single-walled carbon nanotubes grown from cobalt-incorporated MCM-41	Chen, Y.; Wei, L.; Wang, B.; Lim, S. Y.; Ciuparu, D.; Zheng, M.; Chen, J.; Zoican, C.; Yang, Y. H.; Haller, G. L.; Pfefferle, L. D.	Acs Nano	12.033	1/, 4/, 327-336	2007	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=28">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=28</a>
31.	Effect of different carbon sources on the growth of single-walled carbon nanotube from MCM-41 containing nickel	Chen, Y.; Wang, B.; Li, L. J.; Yang, Y. H.; Ciuparu, D.; Lim, S. Y.; Haller, G. L.; Pfefferle, L. D.	Carbon	6.16	45/, 11/, 2217-2228	2007	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=29">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=3&amp;doc=29</a>

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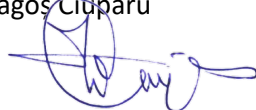


32.	Controlling of physicochemical properties of nickel-substituted MCM-41 by adjustment of the synthesis solution pH and tetramethylammonium silicate concentration	Yang, Y. H.; Lim, S.; Du, G. A.; Wang, C. A.; Ciuparu, D.; Chen, Y.; Haller, G. L.	Journal of Physical Chemistry B	3.377	110/, 12/, 5927-5935	2006	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=33">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=33</a>
33.	The effect of the cobalt loading on the growth of single wall carbon nanotubes by CO disproportionation on Co-MCM-41 catalysts	Chen, Y.; Ciuparu, D.; Lim, S.; Haller, G. L.; Pfefferle, L. D.	Carbon	6.16	44/, 1/, 67-78	2006	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=34">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=34</a>
34.	Synthesis and characterization of highly ordered Ni-MCM-41 mesoporous molecular sieves	Yang, Y. H.; Lim, S.; Du, G. A.; Chen, Y.; Ciuparu, D.; Haller, G. L.	Journal of Physical Chemistry B	3.377	109/, 27/, 13237-13246	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=38">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C5vDg2PTO5u9OwPmR4V&amp;page=4&amp;doc=38</a>
35.	Vapor-liquid-solid growth of III-Nitride nanowires and heterostructures by metal-organic chemical vapor deposition	Su, J.; Gherasimova, M.; Cui, G.; Han, J.; Lim, S.; Ciuparu, D.; Pfefferle, L.; He, Y.; Nurmikko, A. V.; Broadbridge, C.; Lehman, A.; Onuma, T.; Kurimoto, M.; Chichibu, S. F.	MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS Eds	0	Vol. 831, p 753-758	2005		<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=48">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=48</a>

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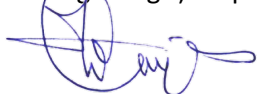


36.	Catalytic growth of group III-nitride nanowires and nanostructures by metalorganic chemical vapor deposition	Su, J.; Cui, G.; Gherasimova, M.; Tsukamoto, H.; Han, J.; Ciuparu, D.; Lim, S.; Pfefferle, L.; He, Y.; Nurmikko, A. V.; Broadbridge, C.; Lehman, A.	Applied Physics Letters	3.515	86/, 1/, 013105	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=47">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=47</a>
37.	Mechanism study on cobalt cluster size control in Co-MCM-41 during single wall carbon nanotubes synthesis by Co disproportionation	Pfefferle, L.; Haller, G.; Chen, Y.; Ciuparu, D.; Lim, S.; Yang, Y. H.	Abstracts of Papers of the American Chemical Society	0	229/, U910/	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=42">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=42</a>
38.	The effect of synthesis solution pH on the physicochemical properties of Co substituted MCM-41	Lim, S.; Yang, Y. H.; Ciuparu, D.; Wang, C.; Chen, Y.; Pfefferle, L.; Haller, G. L.	Topics in Catalysis	2.22	34/, 1-4/, 31-40	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=41">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=41</a>
39.	Pore curvature effect on the stability of Co-MCM-41 and the formation of size-controllable subnanometer Co clusters	Lim, S.; Ciuparu, D.; Chen, Y.; Yang, Y. H.; Pfefferle, L.; Haller, G. L.	Journal of Physical Chemistry B	3.377	109/, 6/, 2285-2294	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=45">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=45</a>
40.	Incorporation of single-wall carbon nanotubes into an organic polymer monolithic stationary phase for mu-HPLC	Li, Y.; Chen, Y.; Xiang, R.; Ciuparu, D.; Pfefferle, L. D.	Analytical Chemistry	5.825	77/, 5/, 1398-1406	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search</a>

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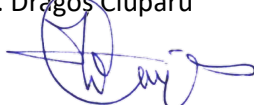


	and capillary electrochromatography	Horwath, C.; Wilkins, J. A.						<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=43">mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=43</a>
41.	New approach to avoid erroneous interpretation of results derived from generalized two-dimensional correlation analysis for applications in catalysis	Haider, P.; Haller, G. L.; Pfefferle, L.; Ciuparu, D	Applied Spectroscopy	2.014	59/, 8/, 1060-1067	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=37">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=37</a>
42.	Application of the generalized 2D correlation analysis to dynamic near-edge X-ray absorption spectroscopy data	Haider, P.; Chen, Y.; Lim, S.; Haller, G. L.; Pfefferle, L.; Ciuparu, D.	Journal of the American Chemical Society	11.444	127/, 6/, 1906-1912	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=46">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=46</a>
43.	A nanocluster route to zero- and one-dimensional quantum structures by MOCVD	Gherasimova, M.; Su, J.; Cui, G.; Ren, Z. Y.; Jeon, S. R.; Han, J.; He, Y.; Song, Y. K.; Nurmikko, A. V.; Ciuparu, D.; Pfefferle, L	Physica Status Solidi C	0	Vol 2, No 7; p 2361-2364	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=49">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=49</a>
44.	X-ray absorption spectroscopic investigation of partially reduced cobalt species in Co-MCM-41 catalysts during synthesis of single-wall carbon nanotubes	Ciuparu, D.; Haider, P.; Fernandez-Garcia, M.; Chen, Y.; Lim, S.; Haller, G. L.; Pfefferle, L.	Journal of Physical Chemistry B	3.377	109/, 34/, 16332-16339	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=35">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=35</a>
45.	Single-wall carbon nanotube synthesis by CO	Chen, Y.; Ciuparu, D.; Yang, Y. H.;	Nanotechnology	3.672	16/, 7/, S476-S483	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-">http://apps.webofknowledge.com.am.e-</a>

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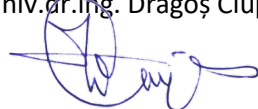


	disproportionation on nickel-incorporated MCM-41	Lim, S.; Wang, C.; Haller, G. L.; Pfefferle, L. D.						<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=1&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=39">nformation.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=1&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=39</a>
46.	Synthesis, characterization, and stability of Fe-MCM-41 for production of carbon nanotubes by acetylene pyrolysis	Amama, P. B.; Lim, S.; Ciuparu, D.; Yang, Y. H.; Pfefferle, L.; Haller, G. L.	Journal of Physical Chemistry B	3.377	109/, 7/, 2645-2656	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=44">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=44</a>
47.	Hydrothermal synthesis of MCM-41 using different ratios of colloidal and soluble silica	Amama, P. B.; Lim, S.; Ciuparu, D.; Pfefferle, L.; Haller, G. L.	Microporous and Mesoporous Materials	3.209	81/, 1-3/, 191-200	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=40">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=40</a>
48.	Synthesis of highly ordered MCM-41: Engineering of pore size and optimization of silica ratios	Amama, P. B.; Lim, S.; Ciuparu, D.; Pfefferle, L.; Haller, G. L.	Abstracts of Papers of the American Chemical Society	0	230/, U2228	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=36">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=4&amp;doc=36</a>
49.	Radius of curvature effect of Co-MCM-41 on the size of single-walled. carbon nanotubes	Lim, S.; Ciuparu, D.; Chen, Y.; Pfefferle, L.; Haller, G. L.	Abstracts of Papers of the American Chemical Society	0	227/, U311	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=6&amp;doc=60">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;searchmode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=6&amp;doc=60</a>

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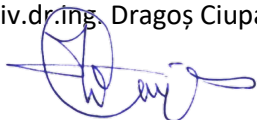


50.	Effect of Co-MCM-41 conversion to cobalt silicate for catalytic growth of single wall carbon nanotubes	Lim, S.; Ciuparu, D.; Chen, Y.; Pfefferle, L.; Haller, G. L.	Journal of Physical Chemistry B	3.377	108/, 52/, 20095-20101	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=50">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=12&amp;SID=D5FZaFDVQCI9d92f18D&amp;page=5&amp;doc=50</a>
51.	Formation of size controllable ultra fine cobalt clusters on CO-MCM-41	Lim, S.; Ciuparu, D.; Chen, Y.; Pfefferle, L.; Haller, G.	Abstracts of Papers of the American Chemical Society	0	227/, U873	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=59">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=59</a>
52.	Multi-walled carbon nanotubes on amorphous carbon films	Klie, R. F.; Ciuparu, D.; Pfefferle, L.; Zhu, Y.	Carbon	6.16	42/, 10/, 1953-1957	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=62">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=62</a>
53.	In situ DR-FTIR investigation of surface hydroxyls on gamma-Al <sub>2</sub> O <sub>3</sub> supported PdO catalysts during methane combustion	Ciuparu, D.; Perkins, E.; Pfefferle, L.	Applied Catalysis A-General	3.674	263/, 2/, 145-153	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=55">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=55</a>
54.	Synthesis of pure boron single-wall nanotubes	Ciuparu, D.; Klie, R. F.; Zhu, Y. M.; Pfefferle, L.	Journal of Physical Chemistry B	3.377	108/, 13/, 3967-3969	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=</a>

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55.	Synthesis and characterization of uniform diameter single walled carbon nanotubes in CO-MCM-41	Ciuparu, D.; Chen, Y.; Lim, S. Y.; Haller, G. L.; Pfefferle, L.	Abstracts of Papers of the American Chemical Society	0	227/, U285	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=58">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=58</a>
56.	Mechanism of cobalt cluster size control in Co-MCM-41 during single-wall carbon nanotubes synthesis by CO disproportionation	Ciuparu, D.; Chen, Y.; Lim, S.; Yang, Y. H.; Haller, G. L.; Pfefferle, L.	Journal of Physical Chemistry B	3.377	108/, 40/, 15565-15571	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=51">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=51</a>
57.	Uniform-diameter single-walled carbon nanotubes catalytically grown in cobalt-incorporated MCM-41	Ciuparu, D.; Chen, Y.; Lim, S.; Haller, G. L.; Pfefferle, L.	Journal of Physical Chemistry B	3.377	108/, 2/, 503-507	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=61">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=61</a>
58.	Optimizing synthesis conditions to control the properties of single wall carbon nanotubes grown in CO-MCM-41 catalysts	Ciuparu, D.; Chen, Y.; Lim, S.; Haller, G. L.; Pfefferle, L.	Abstracts of Papers of the American Chemical Society	0	227/, U874	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=57">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=57</a>
59.	Synthesis of uniform diameter single-wall carbon nanotubes in Co-MCM-41: effects of the catalyst prereduction and	Chen, Y.; Ciuparu, D.; Lim, S. Y.; Yang, Y. H.; Haller, G. L.; Pfefferle, L.	Journal of Catalysis	6.073	225/, 2/, 453-465	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_</a>

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	nanotube growth temperatures							<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=53">mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=53</a>
60.	Synthesis of uniform diameter single wall carbon nanotubes in Co-MCM-41: effects of CO pressure and reaction time	Chen, Y.; Ciuparu, D.; Lim, S.; Yang, Y. H.; Haller, G. L.; Pfefferle, L.	Journal of Catalysis	6.073	226/, 2/, 351-362	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=52">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=52</a>
61.	Uniform diameter single walled carbon nanotubes catalytically grown in cobalt-incorporated MCM-41 (vol 108B, pg 505, 2004)	Ciuparu, D.; Chen, Y.; Lim, S.; Haller, G. L.; Pfefferle, L.	Journal of Physical Chemistry B	3.377	108/, 28/, 10196	2004	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=54">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=6&amp;doc=54</a>
62.	The influence of remanent coke content on the performances of the additived cracking catalyst	Onutu, I.; Ciuparu, D.; Filotti, L.; Russu, R.	Revista De Chimie	0.677	54/, 11/, 902-908	2003	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=63">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=63</a>
63.	Experimental study of fuel decomposition and hydrocarbon growth processes for practical fuel components: heptanes	McEnally, C. S.; Ciuparu, D. M.; Pfefferle, L. D.	Combustion and Flame	3.708	134/, 4/, 339-353	2003	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=66">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=66</a>
64.	Synthesis and characterization of highly ordered Co-MCM-41 for production of aligned	Lim, S.; Ciuparu, D.; Pak, C.; Dobek, F.; Chen, Y.;	Journal of Physical Chemistry B	3.377	107/, 40/, 11048-11056	2003	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=66">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=66</a>

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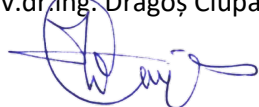


	single walled carbon nanotubes (SWNT)	Harding, D.; Pfefferle, L.; Haller, G.						<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=64">do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=64</a>
65.	Templated growth of carbon nanotubes in cobalt substituted MCM-41	Ciuparu, D.; Lim, S. Y.; Chen, Y.; Harding, D.; Haller, G. L.; Pfefferle, L.	Abstracts of Papers of the American Chemical Society	0	226/, U404	2003	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=65">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=65</a>
66.	Templated growth of single walled carbon nanotubes by CO disproportionation on cobalt incorporated MCM-41	Ciuparu, D.; Lim, S.; Chen, Y.; Dobek, F.; Harding, D.; Haller, G.; Pfefferle, L.	NANOTECH	0	3 / 112-115	2003	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=67">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=67</a>
67.	Contributions of lattice oxygen to the overall oxygen balance during methane combustion over PdO-based catalysts	Ciuparu, D.; Pfefferle, L.	Catalysis Today	3.309	77/, 3/, 167-179	2002	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=68">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=68</a>
68.	Catalytic combustion of methane over palladium-based catalysts	Ciuparu, D.; Lyubovsky, M. R.; Altman, E.; Pfefferle, L. D.; Datye, A.	Catalysis Reviews- Science and Engineering	6.875	44/, 4/, 593-649	2002	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=70">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=70</a>

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69.	Oxygen exchange between palladium and oxide supports in combustion catalysts	Ciuparu, D.; Bozon-Verduraz, F.; Pfefferle, L.	Journal of Physical Chemistry B	3.377	106/, 13/, 3434-3442	2002	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=69">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=7&amp;doc=69</a>
70.	Support and water effects on palladium based methane combustion catalysts	Ciuparu, D.; Pfefferle, L.	Applied Catalysis A-General	3.674	209/, 1-2/, 415-428	2001	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=8&amp;doc=74">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=8&amp;doc=74</a>
71.	Methane combustion activity of supported palladium catalysts after partial reduction	Ciuparu, D.; Pfefferle, L.	Applied Catalysis A-General	3.674	218/, 1-2/, 197-209	2001	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=8&amp;doc=72">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=F1BvZnCbHz63DzJtqZq&amp;page=8&amp;doc=72</a>
72.	Temperature and time dependence of the water inhibition effect on supported palladium catalyst for methane combustion	Ciuparu, D.; Katsikis, N.; Pfefferle, L.	Applied Catalysis A-General	3.674	216/, 1-2/, 209-215	2001	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=73">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=73</a>
73.	Contributions of lattice oxygen in methane combustion over PdO-based catalysts	Ciuparu, D.; Altman, E.; Pfefferle, L.	Journal of Catalysis	6.073	203/, 1/, 64-74	2001	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=73">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=73</a>

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74.	Criteria for solvent selection in the ketone-containing oils dewaxing	Tanasescu, C.; Ciuparu, D.; Rosca, P.	Revista De Chimie	0.677	51/, 9/, 680-686	2000	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=75">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=75</a>
75.	Synthesis and apparent bandgap of nanophase zirconia	Ciuparu, D.; Ensuque, A.; Shafeev, G.; Bozon-Verduraz, F.	Journal of Materials Science Letters	0.711	19/, 11/, 931-933	2000	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=77">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=77</a>
76.	Pd-Ce interactions and adsorption properties of palladium: CO and NO TPD studies over Pd-Ce/Al <sub>2</sub> O <sub>3</sub> catalysts	Ciuparu, D.; Bensalem, A.; Pfefferle, L.	Applied Catalysis B-Environmental	6.007	26/, 4/241-255	2000	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=76">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=76</a>
77.	Preparation and characterization of high surface area niobia, ceria-niobia and ceria-zirconia	Brayner, R.; Ciuparu, D.; da Cruz, G. M.; Fievet-Vincent, F.; Bozon-Verduraz, F.	Catalysis Today	3.309	57/, 3-4/, 261-266	2000	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=78">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=8&amp;doc=78</a>
78.	Oils dewaxing with solvents in the presence of dewaxing additives	Tanasescu, C.; Ciuparu, D.; Florea, M.	Revista De Chimie	0.677	49/, 9/593-597	1998	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&amp;search_</a>

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79.	Production of single-wall carbon nanotubes involves flowing carbon-containing reactant over framework made of mesoporous siliceous structure with predetermined uniform pore size at predetermined temperature	PFEFFERLE L, HALLER G, CIUPARU D	Brevet	0	WO2003052182-A1	2003	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=6">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=6</a>
80.	Production of gallium nitride nanostructure by exposing framework to gallium-containing reactant and nitrogen-containing reactant at predetermined temperature	PFEFFERLE L, CIUPARU D, HAN J, HALLER G	Brevet	0	WO2005059973-A2	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=5">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=5</a>
81.	One-dimensional superconducting device for electron field emission device, comprises boron nanostructure impregnated with electron donor element, having specific diameter and superconductor transition temperature	PFEFFERLE L, CIUPARU D	Brevet	0	WO2005078814-A2	2005	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=4">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=4</a>
82.	Production of ordered mesoporous oxide structure for chemical catalysis, particularly hydrocarbon reforming, by adding surfactant to aqueous solution containing source of silicon	LIM S, CIUPARU D, CHEN Y, YANG Y, PFEFFERLE L, HALLER G L	Brevet	0	WO2006002116-A2	2006	WOS	<a href="http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=3">http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=23&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=3</a>

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	and metal ions, and maintaining pH level of the solution							
83.	Eco-friendly lubricating composition for industrial applications, made of regenerable starting materials	AMIRA V C L, BOGATU I L, CIUPARU D M, CURSARU D L, LUCA M C, MARIN A G, PETRE I, TANASESCU C, CURSARU D	Brevet	0	RO125228-A2	2010	WOS	<a href="http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=24&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=2">http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=24&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=2</a>
84.	Process for preparing glycerine ethers with olefins and use thereof as car engine fuel components	BOLOCAN I, BOMBOS D, BOMBOS M M, BOZGA G, CIUPARU D M, JUGANARU T, MANGOURILOS V, POPOVICI D R, VASILIEVICI G	Brevet	0	RO126408-A2	2012	WOS	<a href="http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=24&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=1">http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=DIIDW&amp;search_mode=GeneralSearch&amp;qid=24&amp;SID=C1L2xFtpDNbyQGAsX21&amp;page=1&amp;doc=1</a>

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