

UNIVERSITATEA PETROL - GAZE DIN PLOIEȘTI
FACULTATEA DE TEHNOLOGIA PETROLULUI ȘI PETROCHIMIE
DEPARTAMENTUL DE INGINERIA PRELUCRĂRII PETROLULUI ȘI PROTECȚIA MEDIULUI

Concurs pentru ocuparea postului de Conferențiar, poz.10

Disciplinele postului: Fizico-chimia produselor petroliere grele și reziduale; Lubrifianți și aditivi; Tehnologii de tratare a apelor uzate; Tratarea și epurarea apelor reziduale

Domeniul: Inginerie chimică, inginerie medicală, știința materialelor și nanomateriale

CANDIDAT: Sef lucrări dr.ing. MIHAI OANA

Candidatul(a)..... **MIHAI OANA**
 îndeplinește/nu îndeplinește condițiile minimale pentru prezentarea
 la concursul de ocupare a unui post de **CONFERENCEȚIAR, Poz.10**
 domeniul **INGINERIE CHIMICĂ, INGINERIE MEDICALĂ, ȘTIINȚA MATERIALELOR ȘI NANOMATERIALE**

Certificat în privința realității
 Legitimității și legalității
 Director departament
 Departament P.P.P.M
PROF. DR. ING. EZECHIELA EZECHIELA
 DIRECTOR DEPARTAMENT
 Semnatura
 Zi _____ Luna _____ An _____

14.06.2017

FIȘA DE VERIFICARE

a îndeplinirii standardelor universității pentru indicatorii NT, NP, FIC și NC de prezentare la concurs pentru postul de Conferențiar universitar

1. Studiile de doctorat

Nr. crt.	Instituția organizatoare de doctorat	Domeniul	Perioada	Titlul științific acordat
1	Norwegian University of Science and Technology (NTNU), Trondheim, Norvegia	Inginerie Chimică	2008-2011	Doctor inginer

2. Standarde minimale*

Conferențiar universitar:

NT ≥ 15, NP ≥ 6, FIC ≥ 9 și NC ≥ 20

Se definesc:

- FI = factor de impact al revistei;
- NT = număr total de articole în reviste ISI;
- FIC = factor de impact cumulat (suma factorilor de impact ai revistelor la momentul înscrierii la concurs);
- NP = număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență);
- NC = număr total de citări (din baza de date SCOPUS).

In calculul FIC se ține cont de factorul de impact al revistei la care candidatul a publicat un articol ca autor principal și respectiv de factorul de impact împărțit la numărul de autori pentru revistele în care candidatul a publicat un articol în care nu este autor principal.

Brevetele naționale (FI = 1) și internaționale (FI = 3) intră în calculul FIC

*** Fiecare candidat va completa și tabelul cu calculul punctajului total (PT) din ANEXA V la Metodologia privind desfășurarea concursurilor de ocupare a posturilor didactice și de cercetare**

Ezechiel

3. Îndeplinirea standardelor minimale

Criteriul	Nr. minim impus	Nr. realizat		
NT- număr total de articole în reviste ISI	≥ 15	16		
NP - număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență)	≥ 6	11		
FIC - factor de impact cumulat (suma factorilor de impact ale revistelor la momentul înscrierii la concurs)	≥ 9	FIC din articole	FIC din brevete	FIC TOTAL
		51,488	0,0	51,488
NC - număr total de citări (din baza SCOPUS)	≥ 20	144		

4. Tabel cu articole ISI (indicatorii NT, NP și FIC din articole ISI)

Nr. crt.	Autorii/titlul lucrării/titlul revistei/ /anul/vol/nr./pag. de la-până la/ISSN	Nr autori /prim autor/autor de corespondență	Factorul de impact al revistei	Factorul de impact ce revine candidatului
1	Say, Z., Mihai, O. , Tohumeken, M., Ercan, K.E., Olsson, L., Ozensoy, E., <i>Sulfur-tolerant BaO/ZrO₂/TiO₂/Al₂O₃ quaternary mixed oxides for deNO_x catalysis</i> , Catalysis Science and Technology, 2017, vol. 7, nr. 1, p. 133-144, ISSN 2044-4753	6	5,287 InCites Journal Citation Reports 2015, Thompson Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalImpactFactor=5.287&year=2015&journalTitle=Catalysis%20Science%20%26%20Technology&edition=SCIE&journal=CATAL%20SCI%20TECHNOL	5,287/6 = 0,881
2	Mihai, O. , Stenfeldt, M., Olsson, L., <i>The effect of changing the gas composition on soot oxidation over DPF and SCR-coated filters</i> , Catalysis Today, 2016, DOI: 10.1016/j.cattod.2017.03.005, ISSN 0920-5861	3 prim autor	4,312 InCites Journal Citation Reports 2015, Thompson Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalImpactFactor=4.312&year=2015&journalTitle=CATALYSIS%20TODAY&edition=SCIE&journal=CATAL%20TODAY	4,312
3	Mihai, O. , Creaser, D., Olsson, L., <i>Adsorption and oxidation investigations over Pt/Al₂O₃ catalyst: A microcalorimetric study</i> , Catalysis, 2016, vol. 6, nr. 5, article number 73, ISSN 2073-4344	3 prim autor	2,964 InCites Journal Citation Reports 2015, Thompson Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalImpactFactor=2.964&year=2015&journalTitle=Catalysts&edition=SCIE&journal=CATALYSTS	2,964
4	Mihai, O. , Tamm, S., Stenfeldt, M., Olsson, L., <i>The effect of soot on ammonium nitrate species and NO₂ selective catalytic reduction over Cu-zeolite catalyst-coated particulate filter</i> , Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, vol. 374, nr. 2061, article number 20150086, ISSN 1364-503X	4 prim autor	2,441 InCites Journal Citation Reports 2015 https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalImpactFactor=2.441&year=2015&journalTitle=PHILOSOPHICAL%20TRANSACTIONS%20OF%20THE%20ROYAL%20SOCIETY%20A-MATHEMATICAL%20PHYSICAL%20AND%20ENGINEERING	2,441

10	<i>NO₂/NO_x feed ratio on the NH₃-SCR system over Cu-zeolites with varying copper loading</i> , Catalysis Letters, 2014, vol. 144, nr. 1, p. 70-80, ISSN 1011-372X	9 prim autor	Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalimpactFactor=2.294&year=2015&journalTitle=CATALYSIS%20LETTERS&edition=SCIE&journal=CATAL%20LETT	2,294
11	Mihai, O. , Raaen, S., Chen, D., Holmen, A., <i>Preparation of stable cubic LaFeO₃ nanoparticles using carbon nanotubes as templates</i> , Journal of Materials Chemistry A, 2013, vol. 1, nr. 24, p. 7006-7011, ISSN 2050-7488	4 prim autor	8,262 InCites Journal Citation Reports 2015, Thompson Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalimpactFactor=8.262&year=2015&journalTitle=Journal%20of%20Materials%20Chemistry%20A&edition=SCIE&journal=J%20MATER%20CHEM%20A	8,262
12	Mihai, O. , Chen, D., Holmen, A., <i>Chemical looping methane partial oxidation: The effect of the crystal size and O content of LaFeO₃</i> , Journal of Catalysis, 2012, vol. 293, p. 175-185, ISSN 0021-9517	3 prim autor	7,354 InCites Journal Citation Reports 2015, Thompson Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalimpactFactor=7.354&year=2015&journalTitle=JOURNAL%20OF%20CATALYSIS&edition=SCIE&journal=J%20CATAL	7,354
13	Mihai, O. , Chen, D., Holmen, A., <i>Catalytic consequence of oxygen of lanthanum ferrite perovskite in chemical looping reforming of methane</i> , Industrial and Engineering Chemistry Research, 2011, vol. 50, nr. 5, p. 2613-2621, ISSN 0888-5885	3 prin autor	2,567 InCites Journal Citation Reports 2015, Thompson Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalimpactFactor=2.567&year=2015&journalTitle=INDUSTRIAL%20%26%20ENGINEERING%20CHEMISTRY%20RESEARCH&edition=SCIE&journal=IND%20ENGINE%20CHEM%20RES	2,567
14	Petre, M.N., Rosca, P., Dragomir, R.-E., Mihai, O. , <i>Bioalcohols - Compounds for reformulated gasolines II. Prediction of volatility properties for fuel-alcohols blends</i> , Revista de Chimie, 2010, vol. 61, nr. 8, p. 805-808, ISSN 0034-7752	4	0,956 InCites Journal Citation Reports 2015, Thompson Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalimpactFactor=0.956&year=2015&journalTitle=REVISTA%20DE%20CHIMIE&edition=SCIE&journal=REV%20CHIM-BUCHAREST	0,956/4 = 0,239
15	Petre, M.N., Rosca, P., Dragomir, R.-E., Mihai, O. , <i>Bioalcohols - Compounds for reformulated gasolines I. The effect of alcohols on volatility properties of gasolines</i> , Revista de Chimie, 2010, vol. 61, nr. 7, p. 706-711, ISSN 0034-7752	4	0,956 InCites Journal Citation Reports 2015, Thompson Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPF&journalimpactFactor=0.956&year=2015&journalTitle=REVISTA%20DE%20CHIMIE&edition=SCIE&journal=REV%20CHIM-BUCHAREST	0,956/4 = 0,239

Over

			urnalTitle=REVISTA%20DE%20CHIMIE.&edition=SCIE&journal=REV%20CHIM- BUCHAREST	
16	Chioaru, L.C., Jitaru, I., Bicher, M., Matei, V., Mihai, O. , <i>Lanthanum nickelate obtained by auto-combustion method as catalyst in toluene oxidation</i> , Revista de Chimie, 2009, vol. 60, nr. 3, p. 283-289, ISSN 0034-7752	5	0,956 InCites Journal Citation Reports 2015, Thompson Reuters https://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPROF&journalImpactFactor=0.956&year=2015&journalTitle=REVISTA%20DE%20CHIMIE.&edition=SCIE&journal=REV%20CHIM- BUCHAREST	0.956/5 = 0,191
Indicatorul NT				16
Indicatorul NP				11
Indicatorul FIC (din articole)				51,488

5. Tabel cu brevete naționale și internaționale (indicatorul FIC din brevete)

Nr. crt.	Brevetul, autorii, titlul brevetului, instituția care l-a acordat, țara în care se află instituția, data acordării brevetului.	Tipul brevetului (național/internațional)	Număr autori	Factorul de impact al brevetului	Factorul de impact ce revine candidatului
Indicatorul FIC (din brevete)					0,0

6. Tabel cu lista citărilor lucrărilor publicate¹ (indicatorul NC)

Nr. crt.	Lucrarea citată ²	Lucrarea care citează ²	Adresa web a lucrării care citează ³
1.	1. Mihai, O. , Creaser, D., Olsson, L., <i>Adsorption and oxidation investigations over Pt/Al₂O₃ catalyst: A microcalorimetric study</i> , Catalysts, 2016, vol. 6, nr. 5, article number 73, ISSN 2073-4344. https://www.scopus.com/record/display.uri?eid=2-s2.0-84974536466&origin=resultslist&sort=plf-f&src=s&st1=mihai&st2=oana&nlo=1&nlr=20&nls=count-f&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48	Choi, J.-S., Kočí, P., Automotive emission control catalysts, Catalysts, 2016, 6, 10, article number 155, ISSN 2073-4344.	https://www.scopus.com/record/display.uri?origin=citedby&eid=2-s2.0-84992489177&citeCnt=1&noHighlight=false&sort=plf-f&src=s&st1=mihai&st2=oana&nlo=1&nlr=20&nls=count-f&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a73&sort=anl&sdt=aut&sl=32&s=AU-ID%28%22Mihai%2c+Oana%22+26434773900%29&relpos=0

Oana

	gA%3a73&sot=anl&sdt=aut&sl=32&s=AU-ID%28%22Mihai%2c+Oana%22+26434773900%29&relpos=2&citeCnt=1&searchTerm=		
2	<p>2. Mihai, O., Tamm, S., Stenfeldt, M., Olsson, L., <i>The effect of soot on ammonium nitrate species and NO₂ selective catalytic reduction over Cu-zeolite catalyst-coated particulate filter</i>, Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, vol. 374, nr. 2061, article number 20150086, ISSN 1364-503X</p> <p>https://www.scopus.com/record/display.uri?eid=2-s2.0-84956680207&origin=resultslist&sort=plf-f&src=s&st1=mihai&st2=oana&nlo=1&nlr=20&nls=count-f&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a73&sot=anl&sdt=aut&sl=32&s=AU-ID%28%22Mihai%2c+Oana%22+26434773900%29&relpos=3&citeCnt=1&searchTerm=</p>	<p>Thomas, J.M., Summarizing comments on the discussion and a prospectus for urgent future action, Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 374, 2061, article number 20150226, ISSN 1364-503X.</p>	<p>https://www.scopus.com/record/display.uri?origin=citedby&eid=2-s2.0-84956675794&citeCnt=1&nlo=1&nlr=20&nls=count-f&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a73&sot=anl&sdt=aut&sl=32&s=AU-ID%28%22Mihai%2c+Oana%22+26434773900%29&relpos=0</p>
3	<p>3. Leistner, K., Mihai, O., Wijayanti, K., Kumar, A., Kamasamudram, K., Currier, N.W., Yezerets, A., Olsson, L., <i>Comparison of Cu/BEA, Cu/SSZ-13 and Cu/SAPO-34 for ammonia-SCR reactions</i>, 2015, Catalysis Today, vol. 58, p. 49-55, ISSN 0920-5861</p> <p>https://www.scopus.com/record/display.uri?eid=2-s2.0-84944351920&origin=resultslist&sort=plf-f&src=s&st1=mihai&st2=oana&nlo=1&nlr=20&nls=count-f&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a73&sot=anl&sdt=aut&sl=32&s=AU-ID%28%22Mihai%2c+Oana%22+26434773900%29&relpos=6&citeCnt=8&searchTerm=</p>	<p>Wang, J., Zhao, H., Haller, G., Li, Y., Recent advances in the selective catalytic reduction of NO_x with NH₃ on Cu-Chabazite catalysts, Applied Catalysis B: Environmental, 2017, 202, p. 346-354, ISSN 0926-3373.</p>	<p>https://www.scopus.com/record/display.uri?eid=2-s2.0-84988476265&origin=resultslist&sort=plf-f&cite=2-s2.0-84944351920&src=s&imp=t&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a2840&sot=cite&sdt=a&sl=0&relpos=0&citeCnt=1&searchTerm=</p>
4	<p>https://www.scopus.com/record/display.uri?eid=2-s2.0-85013806122&origin=resultslist&sort=plf-f&cite=2-s2.0-84944351920&src=s&imp=t&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a2840&sot=cite&sdt=a&sl=0&relpos=1&citeCnt=0&searchTerm=</p>	<p>Zhao, Y., Choi, B., Kim, D., Effects of Ce and Nb additives on the de-NO_x performance of SCR/CDPF system based on Cu-beta zeolite for diesel vehicles, Chemical Engineering Science, 2017, 164, 2017, p. 258-269, ISSN 0009-2509.</p>	<p>https://www.scopus.com/record/display.uri?eid=2-s2.0-85009142131&origin=resultslist&sort=plf-f&cite=2-s2.0-84944351920&src=s&imp=t&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a2840&sot=cite&sdt=a&sl=0&relpos=1&citeCnt=0&searchTerm=</p>
5		<p>Xia, Y., Zhan, W., Guo, Y., Guo, Y., Lu, G., Fe-Beta zeolite for selective catalytic reduction of NO_x with NH₃: Influence of Fe content, Cuihua Xuebao/</p>	<p>https://www.scopus.com/record/display.uri?eid=2-s2.0-85009142131&origin=resultslist&sort=plf-f&cite=2-s2.0-84944351920&src=s&imp=t&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a2840&sot=cite&sdt=a&sl=0&relpos=1&citeCnt=0&searchTerm=</p>

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		Chinese Journal of Catalysis, 2016 , 37, 12, p. 2069-2078, ISSN 0253-9837.	sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a2840&sort=cite&sdt=a&sl=0&relpos=2&citeCnt=0&searchTerm=
6		Feng, X., Cao, Y., Lan, L., Lin, C., Li, Y., Xu, H., Gong, M., Chen, Y., The promotional effect of Ce on CuFe/beta monolith catalyst for selective catalytic reduction of NO _x by ammonia, Chemical Engineering Journal, 2016 , 302, p. 697-706, ISSN 1385-8947.	https://www.scopus.com/recording/display.uri?eid=2-s2.0-84971667575&origin=resultslist&sort=plf-f&cite=2-s2.0-84944351920&src=s&imp=t&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a2840&sort=cite&sdt=a&sl=0&relpos=3&citeCnt=3&searchTerm=
7		Liu, Z., Wakihara, T., Nomura, N., Matsuo, T., Anand, C., Elangovan, S.P., Yanaba, Y., Yoshikawa, T., Okubo, T., Ultrafast and continuous flow synthesis of silicoaluminophosphates, Chemistry of Materials, 2016 , 28, 13, p 4840-4847, ISSN 0897-4756.	https://www.scopus.com/recording/display.uri?eid=2-s2.0-84978437459&origin=resultslist&sort=plf-f&cite=2-s2.0-84944351920&src=s&imp=t&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a2840&sort=cite&sdt=a&sl=0&relpos=4&citeCnt=3&searchTerm=
8		Olsson, L., Wijayanti, K., Leistner, K., Kumar, A., Joshi, S.Y., Kamasamudram, K., Currier, N.W., Yezerets, A., A kinetic model for sulfur poisoning and regeneration of Cu/SSZ-13 used for NH ₃ -SCR, Applied Catalysis B: Environmental, 2016 , 183, p. 394-406, ISSN 0926-3373.	https://www.scopus.com/recording/display.uri?eid=2-s2.0-84947288705&origin=resultslist&sort=plf-f&cite=2-s2.0-84944351920&src=s&imp=t&sid=9D0D9AF6F8D189F681AC002E759761F5.wsnAw8kcdt7IPYLO0V48gA%3a2840&sort=cite&sdt=a&sl=0&relpos=5&citeCnt=4&searchTerm=
9	4. Mihai, O. , Widyastuti, C.R., Andonova, S., Kamasamudram, K., Li, J., Joshi, S.Y., Currier, N.W., Yezerets, A., Olsson, L., <i>The effect of Cu-loading on different reactions involved in NH₃-SCR over Cu-BEA catalysts</i> , Journal of Catalysis, 2014, vol. 311, p. 170-181, ISSN 0021-9517	Liu, J., Du, Y., Liu, J., Zhao, Z., Cheng, K., Chen, Y., Wei, Y., Song, W., Zhang, X., Design of MoFe/Beta@CeO ₂ catalysts with a core-shell structure and their catalytic performances for the selective catalytic reduction of NO with NH ₃ , Applied Catalysis B: Environmental, 2017 , 203, p. 704-714, ISSN 0926-3373	https://www.scopus.com/recording/display.uri?eid=2-s2.0-85006413275&origin=resultslist&sort=plf-f&cite=2-s2.0-84891607420&src=s&imp=t&sid=288D1B5D85F269C4132F33BBCC778493.wsnAw8kcdt7IPYLO0V48gA%3a190&sort=cite&sdt=a&sl=0&relpos=0&citeCnt=1&searchTerm=
10	https://www.scopus.com/record/display.uri?eid=2-s2.0-84891607420&origin=resultslist&sort=plf-f&src=s&st1=mihai&st2=oana&nlo=1&nlr=20&nls=count-f&sid=288D1B5D85F269C4132F33BBCC778493.wsnAw8kcdt7IPYLO0V4	Wang, X., Lan, Z., Zhang, K., Chen, J., Jiang, L., Wang, R., Structure-Activity Relationships of AM ₂ O ₄ (A = Cu and Co) Spinels in Selective Catalytic Reduction of NO _x : Experimental and Theoretical Study, Journal of Physical Chemistry C, 2017 , 121, 6, p. 3339-3349, ISSN 1932-7447.	https://www.scopus.com/recording/display.uri?eid=2-s2.0-85014543210&origin=resultslist&sort=plf-f&cite=2-s2.0-84891607420&src=s&imp=t&sid=288D1B5D85F269C4132F33BBCC778493.wsnAw8kcdt7IPYLO0V48gA%3a190&sort=cite&sdt=a&sl=0&relpos=1&citeCnt=0&searchTerm=

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11	8gA%3a73&sot=anl&sdt=aut&sl=32&s=AU-ID%28%22Mihai%2c+Oana%22+26434773900%29&relpos=7&citeCnt=34&searchTerm=	Zhao, Y., Choi, B., Kim, D., Effects of Ce and Nb additives on the de-NO _x performance of SCR/CDPF system based on Cu-beta zeolite for diesel vehicles, Chemical Engineering Science, 2017 , 164, p. 258-269, ISSN 0009-2509.	https://www.scopus.com/recording/display.uri?eid=2-s2.0-85013806122&origin=resultslist&sort=plf-f&cite=2-s2.0-84891607420&src=s&imp=t&sid=288D1B5D85F269C4132F33BBCC778493.wsnAw8kcdt7IPYLO0V48gA%3a190&sot=cite&sdt=a&sl=0&relpos=2&citeCnt=0&searchTerm=
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