

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI
 FACULTATEA DE INGINERIE CHIMICA SI PROTECTIA MEDIULUI 'CRISTOFOR SIMIONESCU'
 DEPARTAMENTUL DE INGINERIE CHIMICA
 Concurs pentru ocuparea postului de **conferentiar**, poz. 10
 Disciplinele postului: **Chimie Anorganica**

FIȘA DE VERIFICARE
a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de
conferențiar universitar

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Candidat: Rusu Iulian-Lica / Data nașterii: 21.08.1965 Funcția actuală: Sef de lucrari, Data numirii în funcția actuală: 1.10.1999 Instituția: Universitatea Tehnica
 'Gheorghe Asachi' din Iasi

N_{max} (30)	Lucrari	Factor de impact
1.	<u>I. Rusu</u> and J.M. Cormier, On a possible mechanism of the methane steam reforming in a gliding arc reactor, Chemical Engineering Journal, 91 (2003) 23-31.	10,652
2.	<u>I. Rusu</u> and J.M. Cormier, Study of a rotarc plasma reactors stability by means of electric discharge frequency analysis, International Journal of Hydrogen Energy, 28 (2003) 1039-1043.	4,939
3.	L.G. Bujoreanu, M.L. Craus, I. Rusu , S. Stanciu and D. Sutiman, On the α -phase preferred recrystallization in a Cu-Zn-Al based shape alloy, Journal of Alloys and Compounds, 278 (1998) 190-193.	4,65
4.	V. Bulacovschi, A. Stanciu, I. Rusu , A. Cailean and F. Ungureanu, Thermal stability and the behaviour in organic solvents of some poly(ester-siloxane)urethanes, Polymer Degradation and Stability, 60 (1998) 487-491.	4,032
5.	A. Rusu and I. Rusu , Study regarding the possible synthesis of bismuth complexes with clarithromycin, Journal of Inorganic Biochemistry, 86 (2001) 412.	3,212
6.	J.M. Cormier and I. Rusu , Syngas production via methane steam reforming with oxygen: plasma reactors versus chemical reactors, Journal of Physics D: Applied	3,169

	Physics, 34 (2001) 2798-2803.	
7.	M. Palamaru, I. Rusu , L. Pruna and C. Ciobanu, A comparative study by thermal analysis of polyurethanes interacted with metallic ions, Thermochimica Acta, 230 (1993) 235-242.	2,762
8.	M. Palamaru, I. Rusu , L. Pruna and C. Ciobanu, A thermal degradation comparative analysis of polyesterurethanes based on 4,4'-diphenylmethane di-isocyanate interacted with 'd' block metallic ions, Thermochim. Acta, 235 (1994) 217-223.	2,762
9.	I. Rosca, D. Sutiman, A. Cailean, M. Vizitiu, I. Rusu and D. Sibiescu, Studies regarding the thermal stability of some coordination polymers. Polydiphenylphosphinates and polydialkylphosphinates of Cr(III), Fe(III), Mn(II), Co(II), Ni(II) and UO_2^{2+} , Thermochim. Acta, 269 (1995) 295-305.	2,762
10.	I. Rosca, A. Cailean, D. Sutiman, I. Rusu , I. Sîrghie and E. Dumitriu, Thermal stability of some aluminium chelate complexes, Thermochim. Acta, 303 (1997) 1-3.	2,762
11.	I. Rosca, N. Foca, E. Stefancu, D. Sutiman, A. Cailean, I. Rusu , D. Sibiescu and M. Vizitiu, Synthesis and study of some new Co(II) polyphosphinates. Determination of the kinetic parameters for the thermal decomposition reactions, Journal of Thermal Analysis and Calorimetry, 56 (1999) 401-406.	2,731
12.	N. Foca, G. Lisa and I. Rusu , Synthesis and characterization of some Cr(III), Fe(III) and Zr(IV) compounds with substituted o-hydroxy benzophenone, J. Therm. Anal. Calorim., 78(1) (2004) 239-249.	2,731
13.	N. Melniciuc-Puica, G. Lisa and I. Rusu , On the lifetime prediction of old documents, J. Therm. Anal. Calorim., 99(3) (2010) 835-842.	2,731
14.	I. Rusu , D. Sutiman, G. Lisa, D. Mareci and N. Melniciuc-Puica, On the correlation between thermal analysis results and corrosion behaviour of some metallic religious artefacts, J. Therm. Anal. Calorim., 104(2) (2011) 423-430.	2,731
15.	D. Sutiman, I. Cretescu, A. Cailean, I. Rusu , T. Cioroianu and O. Georgescu, Behaviour of low alloyed steels in organic systems in the presence of water and adipic acid (in romanian), Revista de Chimie (Rev. Chim-Bucharest), 49(11) (1998) 813-818.	1,755
16.	D. Sutiman, M.L. Craus, I. Rusu , A. Cailean, I. Cretescu, M. Vizitiu and M. Macoviciuc, Water influence on the behaviour of low alloyed steels in organic solutions of ethylene glycol and succinic acid, Rev. Chim-Bucharest, 50(1) (1999) 33-37.	1,755
17.	D. Sutiman, I. Cretescu, I. Rusu and A. Cailean, Stability of low-alloy steels in ethyleneglycol-methanol and n-butyric acid at low water concentrations (in Romanian), Rev. Chim-Bucharest, 51(11) (2000) 889-892.	1,755

18.	<u>I. Rusu</u> , Comparative considerations on the structure of some molybdenum/niobium double perovskites oxides, Environ. Eng. Manage. J., 9(11) (2010) 1583-1588.	1,186
19.	Ș. Stanciugelu, A. Tăranu and <u>I. Rusu</u> , Toward a Black Sea Community based on Hydrogen Energy, Environ. Eng. Manage. J., 12(3) (2013) 603-608.	1,186
20.	<u>I. Rusu</u> , Development trends of arc plasma reactors in the global context of carbon emission reduction, Environ. Eng. Manage. J., 6(3) (2007) 211-217.	1,186
21.	<u>I. Rusu</u> , M.L. Craus, D. Sutiman and A. Rusu, On the possible formation of Aurivillius phases in the oxide system Bi ₂ O ₃ -ZnO-Nb ₂ O ₅ , J. Serb. Chem. Soc., 69(1) (2004) 53-58.	1,097
22.	I. Rosca, <u>I. Rusu</u> , A. Cailean, D. Sutiman, D. Sibiescu, M. Vizitiu and M.J. Smith, Aspects regarding the synthesis mechanism and kinetics of some co-ordination polymers, Phosphorus, Sulfur, Silicon and Related Elements, 168/169 (2001) 433-436.	1,046
23.	<u>I. Rusu</u> and M.L. Craus, Preparation and IR-spectroscopic characterisation of Cd ₂ InNbO ₆ perovskite oxide, J. Optoelectron. Adv. M., 8(5) (2006) 1884-1888.	0,631
24.	<u>I. Rusu</u> and M.L. Craus, Preparation of Cd ₂ GaNbO ₆ perovskite oxide: a possible substrate for high T _c superconductors, J. Optoelectron. Adv. M., 6(4) (2004) 1311-1315.	0,631
25.	M.L. Craus, <u>I. Rusu</u> and A. Rusu, On some mixed oxides in the system CaO-CdO-Bi ₂ O ₃ -Nb ₂ O ₅ . Cation distribution in a distorted Aurivillius structure, Journal of Optoelectronics and Advanced Materials, 5 (2003) 653-656.	0,631
26.	D. Mareci, R. Chelariu, D. Sutiman, <u>I. Rusu</u> , Electrochemical characteristics of electrochemically patinated bronze, Eur. J. Sci. Theol., 7(4) (2011) 121-129.	0,6
27.	<u>I. Rusu</u> , F. Cautis, G. Hutanu-Alexoaie, M.F. Strugaru and N. Stan, Politics and hydrogen energy, Eur. J. Sci. Theol., 8 (Suppl. 1) (2012)	0,389
28.	D. Sutiman, <u>I. Rusu</u> , R. Chelariu, G. Lisa, N. Apostolescu, V. Diaconescu and D. Mareci, Study of patina deposition on bronze artefacts exposed to environmental corrosion in open spaces, Eur. J. Sci. Theol., 8(4) (2012) 215-223.	0,389
29.	M.L. Craus, M. Palamaru, A. Cecal, <u>I. Rusu</u> and A. Iordan, Structural changes in the perovskitic compounds series Sr ₂ Mg _{1-x} M _x ^{II} MoO ₆ , Journal de Physique IV France, 7 (1997) 375-376.	0,351
30.	M.L. Craus, <u>I. Rusu</u> , A. Rusu, N. Apostolescu, On the possible pyrochlore to Aurivillius phase transition in the complex oxide CaCd ₂ Bi ₂ Nb ₄ O ₁₅ , J. Phys. IV, 90 (2001)	0,351
FIC		67,565 – minim solicitat 50

FIC_{AP} (vezi articole bold, italics si underlined)	28,405 – minim solicitat 20
Hirsch Index	9 - Scopus

Data: 27.11.2020
Candidat S.I.dr.ing. Rusu Iulian-Lica
(Nume prenume si semnătura)

