

Fișa privind raportarea la standardele minimale pe domeniul CHIMIE, pentru postul de lector universitari, ale Universității “Alexandru Ioan Cuza” din Iași

(Extras din Anexa 2 din METODOLOGIA DE CONCURS și Hotărârea Senatului Universității „Alexandru Ioan Cuza” din Iași nr 5 din data de 28.09.2017, pentru ocuparea posturilor de lector pe durată nedeterminată în Universitatea „Alexandru Ioan Cuza” din Iași)

- 7 articole științifice publicate în extenso în reviste internaționale; cu factor ISI cumulat minim 8
- 4 articole științifice ca autor principal, publicate în extenso în reviste internaționale cotate ISI;

Gradul de satisfacere a standardelor minimale pentru poziția de Lector în concordanță cu STANDARDE MINIMALE PE DOMENIUL CHIMIE ALE UNIVERSITĂȚII “ALEXANDRU IOAN CUZA” DIN IAȘI

Nr. crt.	Activitatea de cercetare (A2)			
	Denumirea criteriului	Condiții minime	Realizat	Observații
1	Articole în reviste cotate ISI Thomson Reuters în reviste internaționale.	7	43	Criteriu îndeplinit
2	Factor impact cumulat minim 8 rezultat din 7 articole ISI.	8	42,5	Criteriu îndeplinit
	<ol style="list-style-type: none"> Winiberg, F.A.F., Dillon, T. J., Orr, S., Groß, C. B.M., Bejan, I., Brumby, C. A., Evans, M. J., Smith, S. C., Heard, D.E., and Seakins P. W., Direct measurements of OH and other product yields from the HO₂ + CH₃C(O)O₂ reaction, Atmospheric Chemistry and Physics, 16, 4023-4042, 2016. ISI 5.318 Gibilisco R.G., Blanco M.B., Bejan I., Barnes I., Wiesen P., Teruel M.A. , Atmospheric Sink of (E)-3-Hexen-1-ol, (Z)-3-Hepten-1-ol, and (Z)-3-Octen-1-ol: Rate Coefficients and Mechanisms of the OH-Radical Initiated Degradation, Environmental Science and Technology, (13) 7717-7725, 2015, ISI 6.198 Blanco, M.B., I. Bejan, I. Barnes, P. Wiesen, M.A. Teruel, Products and Mechanism of the Reactions of OH Radicals and Cl Atoms with Methyl Methacrylate (CH₂=C(CH₃)C(O)OCH₃) in the Presence of Nox, Environmental Science and Technology, 48(3), 1692-1699, 2014. ISI 6.198 Blanco, M.B., Bejan I., Barnes I., Wiesen P., Teruel M.A., Atmospheric Oxidation of Vinyl and Allyl Acetate: Product Distribution and Mechanisms of the OH-Initiated Degradation in the Presence and Absence of Nox, Environmental Science and Technology, 46(16), 8817-8825, 2012. ISI 6.198 Blanco M., I. Bejan, I. Barnes, P. Wiesen, M. Teruel, FTIR Product Distribution Study of the Cl and OH Initiated Degradation of Methyl Acrylate under Atmospheric Pressure, Environmental Science & Technology, 44 (18) 7031-7037, 2010. ISI 6.198 Zhou S., I. Barnes, T. Zhu, I. Bejan, M. Albu, Th. Benter, Atmospheric Chemistry of Acetylacetone, Environmental Science & Technology, 42(21), 7905–7910, 2008. ISI 6.198 Zhou S., I. Barnes, T. Zhu, B. Klotz, I. Bejan, M. Albu, Th. Benter, Product study of the OH, NO₃, and O₃ initiated atmospheric photooxidation of propyl vinyl ether, Environmental Science & Technology, 40, 17, 5415-5421, 2006. ISI 6.198 			
3	Articole autor principal în reviste cotate ISI Thomson Reuters	4	5	Criteriu îndeplinit
	<ol style="list-style-type: none"> Bejan, I., M. Duncianu, R. Olariu, I. Barnes, P. W. Seakins, P. Wiesen, Kinetic study of the gas-phase reactions of chlorine atoms with 2-chlorophenol, 2-nitrophenol, and four methyl-2-nitrophenol isomers, Journal of Physical Chemistry A, 119 (20), 4735–4745, 2015. ISI 2.883 Bejan, I., Barnes, I., Wiesen, P., Wenger, J.C., Temperature dependent rate coefficients for the reaction of OH radicals with dimethylbenzoquinones, Chemical Physics Letters, 639, 145-150, 2015, ISI 1.860 Bejan I., Schurmann A., Barnes I., Benter T., Kinetics of the gas-phase reactions of OH radicals with a series of trimethylphenols, International Journal of Chemical Kinetics, 44(2), 117-124, 2012. 			

	<p>ISI 1.736</p> <ol style="list-style-type: none"> 4. Bejan, I., I. Barnes, R. Olariu, Sh. Zhou, P. Wiesen, Th. Benter, Investigations on the gas-phase photolysis and OH radical kinetics of methyl-2-nitrophenols, Physical Chemistry Chemical Physics, 9, 5686-5692, 2007. ISI 4.449 5. Bejan, I., Y. Abd El Aal, I. Barnes, Th. Benter, B. Bohn, P. Wiesen, J. Kleffmann, The Photolysis of ortho-nitrophenol: a new gas phase source of HONO, Physical Chemistry Chemical Physics, 8, 2028-2035, 2006. ISI 4.449
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