

Titlu proiect: Camera de simulare atmosferica – nou instrument de cercetare pentru intelegerea oxidarii

Categoria de proiect: PN III -P2-2.1-PED-2016-1621

Contractul de finanțare: 86PED/2017

Manager proiect: Lector univ. dr. Bejan Iustinian Gabriel

Lista rezultate

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII / COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/EDITURA IN CARE A APARUT / CONFERINTA LA CARE S-A COMUNICAT	ANUL PUBLICĂRII/ COMUNICĂRII
ARTICOLE ISI				
1	Iustinian G. Bejan, Frank A. F. Winiberg, Nicholas Mortimer, Diogo J. Medeiros, Charlotte A. Brumby, Stephanie C. Orr, Jamie Kelly, Paul W. Seakins	Gas-phase rate coefficients for a series of alkyl cyclohexanes with OH radicals and Cl atoms.	International Journal of Chemical Kinetics, 50, 544-555, DOI: 10.1002/kin.21179	2018
n				
ARTICOLE ALTE BAZE DE DATE				
1				
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CARTI				
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COMUNICARI ȘTIINȚIFICE NAZIONALE				
1	Iustinian Gabriel Bejan	Aromatic Hydrocarbon Contribution to the Secondary Organic Aerosol Formation in Urban Atmosphere	"Alexandru Ioan Cuza" University Days, IasiChem2017, Iasi, Romania, (prezentare orală)	06/09/2017-09/09/2017
2	Maftai Dan, Kleffmann Jörg, Olariu Romeo Iulian, Iustinian Gabriel Bejan	New approach on the formation of HONO from the ortho-nitrotoluene ground (S0) and lowest triplet (T1) states. Insight from theory.	"Alexandru Ioan Cuza" University Days, IasiChem2017, Iasi, Romania, (poster)	06/09/2017-09/09/2017
3	A. G. Negru, R.I.Olariu, C.Arsene	Rolul parametrilor meteorologici asupra proceselor de formare si de crestere de noi particule atmosferice in zona urbana Iasi.	Sesiunea de comunicari stiintifice a studentilor si masteranzilor si doctoranzilor „Chimia-Frontiera deschisa spre cunoastere”, editia IX, , Iasi, Romania (prezentare orală).	29/06/ 2018
4	C. Roman, C. Arsene, R.I.	Determinarea constantei de viteza a	Sesiunea de comunicari	29/06/ 2018

	Olariu, I. Bejan	reactiei in faza gazoasa a 2,5-dimetilfuranului cu radicalii OH la temperatura de 298+-2K	stiintifice a studentilor si masteranzilor si doctoranzilor „Chimia-Frontiera deschisa spre cunoastere”, editia IX, Iasi, Romania (poster).	
5	I. Bejan, R.I. Olariu, C. Arsene, J. Wenger, P. Seakins	Gas Phase ozonolysis of biogenic volatile organic compounds	A XXXV-a Conferinta Nationala de Chimie, Calimanesti-Caciulata, Romania (oral presentation).	2-5/10/ 2018
6	I. Bejan	Atmospheric chemistry of oxygenated compounds.	„Alexandru Ioan Cuza” University Days, IasiChem2018 Conference, (oral presentation).	25-26/ 10/2018
COMUNICARI STIINTIFICE INTERNATIONALE				
1	Iustinian Bejan, Ivan Kourtchev, John Wenger, Ian Barnes, Peter Wiesen	Formation of polycarbonyl compounds from the OH initiated oxidation of dimethylbenzoquinones	Atmospheric Chemical and Biological Processes: Interactions and Impacts (ATMOCHEM BIO), Clermont- Ferrand, France (poster)	19/06/2017-21/06/2017
2	Iustinian Gabriel Bejan, Romeo Iulian Olariu, Sebastian Marin, Claudiu Roman, Cecilia Arsene	Gas-Phase Kinetic Study of OH Radical Reactions with Selected Saturated Ketones	20th Romanian International Conference on Chemistry and Chemical Engineering, Poiana Brasov, Romania, (prezentare orala) 2017	06/09/2017-09/09/2017
3	I. Bejan, I. Barnes. P. Wiesen, I. Kourtchev, J.C. Wenger	Products and mechanisms for the atmospheric oxidation of dimethylbenzoquinone	25th International Symposium on Gas Kinetics and Related Phenomena., Lille, France (oral presentation)	22/07/ 2018-26/07/ 2018
4	C. Roman, C. Arsene, R.I. Olariu, I. Bejan	Gas Phase Kinetic Study of the OH Radical Initiated Oxidation of Alkylfurans at Atmospheric Pressure and 298+-2K.	25th International Symposium on Gas Kinetics and Related Phenomena., Lille, France (oral presentation)	22/07/ 2018-26/07/ 2018
5	Carmen Tovar, Ian Barnes, Iustinian Bejan, Peter Wiesen	Gas phase rate coefficient determinations of the chlorine atom reactions with a series of epoxy compounds	25th International Symposium on Gas Kinetics and Related Phenomena., Lille, France (oral presentation)	22/07/ 2018-26/07/ 2018
6	Carmen Tovar, Ian Barnes, Iustinian Bejan, Peter Wiesen	Kinetic and mechanistic investigations for the reactions of trans-2, 3-epoxybutane and cis-2, 3-epoxybutane with Cl atoms and OH radical	Atmospheric Chemical Mechanisms Conference 2018, December 5-7, 2018 - University of California, Davis (poster).	5/12/2018-07/12/2018
7	C. Roman, C. Arsene, R.I. Olariu, I. Bejan	Kinetic investigations of the OH-initiated oxidation of a series of alkylfurans at 298 K and atmospheric pressure		

ATLASE, DICTIONARE DE SPECIALITATE

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CERERI BREVET DE INVENTII/BREVET OBTINUT				
ALTE rezultate				
1	Pagina web	https://sites.google.com/site/charusoiasi/publications		
2	Mihaela Petrea Ioneasa	Investigarea reactivitatii in faza gazoasa a unor cetone saturate cu radicalii OH	Lucrare de dizertatie	2017
3	Ababei Iustina	Investigatii asupra proceselor fotooxidative ale tebuconazolului	Lucrare de dizertatie	2017

**Director proiect,
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