

## LISTA DE LUCRĂRI

NUME: **ALBU PAUL ANDREI**

POZIȚIE/TITLU: Conf. Univ. Dr.

### TEZA DE DOCTORAT

*Studiu fizico-chimic al unor materiale biomimetice și bioactive*, cu obținerea calificativului Foarte Bine (2012)

Universitatea de Vest din Timișoara, Școala Doctorală Chimie

Conducător doctorat: prof. dr. ing. Nicolae DOCA

### Lista lucrări ISI publicate:

	Titlul	Autori	Jurnal	Data publicarii	Anul publicarii	Volum	Editie	Pagina de inceput	Pagina de final	Factor impact din anul publicării	AP	AP_C	DOI	Total citari
1.	Histopatological alterations and oxidative stress in liver and kidney of <i>Leuciscus cephalus</i> following exposure to heavy metals in the Tur River, North Western Romania	Hermenean, Anca; Damache, Georgiana; Albu, Paul; Ardelean, Aurel; Ardelean, Gavril; Ardelean, Doru Puiu; Horge, Monica; Nagy, Tibor; Braun, Mihaly; Zsuga, Miklos; Keki, Sandor; Costache,	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	SEP 2015	2015	119		198	205	3,130	-	-	10.1016/j.ecoenv.2015.05.029	62

		Marieta; Dinischiotu, Anca												
2.	Thermal behaviour studies of procaine and benzocaine Part 1. Kinetic analysis of the active substances under non-isothermal conditions	Fulias, Adriana; Vlase, Gabriela; Grigorie, Carmen; Ledeti, Ionut; Albu, Paul; Bilanin, Mihai; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	JUL 2013	2013	113	1	265	271	2,206	-	-	10.1007/s10973-013-2959-9	58
3.	Comparative study on the thermal behavior of two similar triterpenes from birch	Anghel, Mariana; Vlase, Gabriela; Bilanin, Mihai; Vlase, Titus; Albu, Paul; Fulias, Adriana; Tolan, Iolanda; Doca, Nicolae	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	SEP 2013	2013	113	3	1379	1385	2,206	-	-	10.1007/s10973-013-3203-3	30
4.	Kinetics of degradation under non-isothermal conditions of a thermooxidative stabilized polyurethane	Albu, P.; Bolcu, C.; Vlase, Gabriela; Doca, N.; Vlase, T.	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	AUG 2011	2011	105	2	685	689	1,604	X	-	10.1007/s10973-011-1497-6	28
5.	TG/DTG/DTA data used for determining the kinetic parameters of the thermal degradation process of an immunosuppressive agent: mycophenolate mofetil	Patrutescu, Cristina; Vlase, Gabriela; Turcus, Violeta; Ardelean, Dorina; Vlase, Titus; Albu, Paul	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	SEP 2015	2015	121	3	983	988	1,781	X	-	10.1007/s10973-015-4620-2	28
6.	Thermoanalytical measurements conducted on repaglinide to estimate the kinetic triplet followed by compatibility studies between the antidiabetic agent and various excipients	Ceban, Iulia; Blajovan, Roxana; Vlase, Gabriela; Albu, Paul; Koppandi, Oana; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	OCT 2016	2016	126	1	195	204	1,953	-	X	10.1007/s10973-016-5729-7	13
7.	Thermal analysis study of amlodipine	Duda-Seiman, Corina; Vlase, T.;	JOURNAL OF THERMAL	AUG 2011	2011	105	2	677	683	1,604	-	-	10.1007/s109	13

	as pure compound and in binary mixture	Vlase, Gabriela; Duda-Seiman, D.; Albu, P.; Doca, N.	ANALYSIS AND CALORIMETRY										73-011-1431-y	
8.	Thermal behavior of sodium alendronate	Albu, Paul; Doca, Sorin Cristian; Anghel, Andrei; Vlase, Gabriela; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	JAN 2017	2017	127	1	571	576	2,209	X	-	10.1007/s10973-016-5745-7	13
9.	Thermal behavior of phthalic anhydride-based polyesters	Vlase, Gabriela; Bolcu, Constantin; Modra, Dorina; Budiul, Mihaela Maria; Ledeti, Ionut; Albu, Paul; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	OCT 2016	2016	126	1	287	292	1,953	-	-	10.1007/s10973-016-5509-4	15
10	Thermal behavior of some polyurethanes reticulated by aminated maltose	Bolcu, Constantin; Vlase, Gabriela; Vlase, Titus; Albu, Paul; Doca, Nicolae; Sisu, Eugen	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	SEP 2013	2013	113	3	1409	1414	2,206	-	-	10.1007/s10973-013-3177-1	12
11	Sodium alendronate used in bone treatment	Doca, Sorin Cristian; Albu, Paul; Ceban, Iulia; Anghel, Andrei; Vlase, Gabriela; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	OCT 2016	2016	126	1	189	194	1,953	-	X	10.1007/s10973-016-5619-z	11
12	Thermogravimetric and calorimetric studies performed on memantine hydrochloride to determine its thermal behaviour and possible drug-excipient interactions	Budiul, Mihaela; Albu, Paul; Vlase, Gabriela; Turcus, Violeta; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	JAN 2017	2017	127	1	555	564	2,209	-	X	10.1007/s10973-016-5600-x	11
13	Correlation between Heavy Metal-Induced Histopathological Changes and Trophic Interactions	B. Onita (Mladin), P. Albu, H. Herman, C. Balta, V. Lazar, A. Fulop, E. Baranyai, S.	APPLIED SCIENCES	MAY 2021	2021	11	9	3760	3773	2,838	-	-	10.3390/app11093760	13

	between Different Fish Species	Harangi, S. Keki, L. Nagy, T. Nagy, V. Józsa, D. Gál, K. Györe, M. Stan, A. Hermenean, A. Dinischiotu												
14	Studies regarding the induced thermal degradation, kinetic analysis and possible interactions with various excipients of an osseointegration agent: zoledronic acid	Albu, Paul; Budiul, Mihaela; Mateescu, Madalina; Chiriac, Vlad; Vlase, Gabriela; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	OCT 2017	2017	130	1	403	411	2,209	X	-	10.1007/s10973-017-6537-4	8
15	Influence of the nature of the chain breaker on the thermal stability of phthalic anhydride-based polyesters	Modra, Dorina; Vlase, Gabriela; Albu, Paul; Bolcu, Constantin; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	SEP 2015	2015	121	3	1021	1030	1,781	-	-	10.1007/s10973-015-4764-0	5
16	Novel N-(2-bromophenyl)-2-hydroxybenzamide Derivatives with Antifungal Activity	Ienascu, Ioana Maria Carmen; Balaes, Tiberius; Petre, Cristiana Virginia; Pop, Raluca Oana; Cata, Adina; Stefanut, Mariana Nela; Albu, Paul; Poenaru, Marioara	REVISTA DE CHIMIE	JUL 2018	2018	69	7	1876	1880	1,605	-	-		4
17	Thermal behavior of entacapone, a catechol-O-methyltransferase inhibitor used in Parkinson's disease	Vlase, Titus; Albu, Paul; Ledeti, Adriana; Circioban, Denisa; Mateescu, Madalina; Mosoiu, Codruta; Vlase, Gabriela	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	OCT 2018	2018	134	1	711	720	2,471	-	-	10.1007/s10973-018-7097-y	4
18	The kinetic study of the thermally induced degradation and an evaluation of the drug-excipient	Vlase, Gabriela; Albu, Paul; Doca, Sorin Cristian; Mateescu,	JOURNAL OF THERMAL ANALYSIS AND	OCT 2018	2018	134	1	721	730	2,471	-	-	10.1007/s10973-018-	7

	interactions performed for a new-generation bisphosphonate-risedronate	Madalina; Vlase, Titus	CALORIMETRY										7216-9	
19	Thermal behavior and kinetic study of degradation for adamantan-2-one versus memantine hydrochloride	Mateescu, Madalina; Budiul, Mihaela; Albu, Paul; Vlase, Gabriela; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	OCT 2017	2017	130	1	391	396	2,209	-	-	10.1007/s10973-017-6443-9	4
20	Study of thermally induced interaction between hydroxyethylcellulose and carboxymethylcellulose with different excipients	Vlase, Gabriela; Blajovan, Roxana; Albu, Paul; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	OCT 2017	2017	130	1	397	402	2,209	-	-	10.1007/s10973-017-6309-1	5
21	THERMAL BEHAVIOUR AND DRUG-EXCIPIENT INTERACTION STUDIES FOR QUINIDINE	Albu, Paul; Mogos, Alin; Vlase, Gabriela; Vlase, Titus	REVUE ROUMAINE DE CHIMIE	MAY-JUN 2015	2015	60	5-6	587	593	0,25	X	-		3
22	HYPHENATED TECHNIQUES USED BY EVALUATION OF THE THERMAL BEHAVIOUR OF GLYCYRRHETINIC ACID	Anghel, Mariana; Vlase, Titus; Vlase, Gabriela; Albu, Paul; Doca, Nicolae; Tolan, Iolanda; Mracec, Mircea	REVUE ROUMAINE DE CHIMIE	JUL-AUG 2012	2012	57	7-8	747	753	0,331	-	-		3
23	An extensive compatibility study of mycophenolate mofetil with different excipients by spectroscopic and thermoanalytical investigation techniques	Vlase, Gabriela; Budiul, Mihaela; Patrutescu, Cristina; Albu, Paul; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	JAN 2018	2018	131	1	225	236	2,471	-	X	10.1007/s10973-017-6192-9	4
24	Thermal behaviour of the polyesters obtained with different molar ratios of carboxyl hydroxyl components	Albu, Paul; Vlase, Gabriela; Modra, Dorina; Bolcu, Constantin; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	SEP 2015	2015	121	3	1031	1037	1,781	X	-	10.1007/s10973-015-4783-x	2

25	Thermal behavior of saturated phthalic-type polyesters. Influence of the branching polyol	Vlase, Gabriela; Modra, Dorina; Albu, Paul; Ceban, Iulia; Bolcu, Constantin; Vlase, Titus	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	JAN 2017	2017	127	1	409	414	2,209	-	-	10.1007/s10973-016-5667-4	2
26	Thermally induced interactions between adamantan-2-one and some pharmaceutical excipients	Vlase, Gabriela; Budiul, Mihaela; Vlase, Titus; Albu, Paul; Ledeti, Adriana	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	JAN 2018	2018	131	1	201	213	2,471	-	X	10.1007/s10973-017-6332-2	4
27	SELECTIVE ACTIVATION OF HETEROGENEOUS SYSTEMS: A CONSEQUENCE OF THE JAHN-TELLER EFFECT	Doca, Nicolae; Pop, Nicolina; Mogos, Alin; Albu, Paul; Vlase, Titus	REVUE ROUMAINE DE CHIMIE	OCT-NOV 2011	2011	56	10-11	953	957	0,418	-	-		0
28	<b>TOTAL</b>									<b>52,738</b>	<b>20,891</b>			<b>362</b>