

Listă Lucrări, Grant-uri, Cărți, Conferințe internaționale, Prof. Dr. Ing. Titus Vlase, Dr. Habil.

i)Art. ISI T.Vlase

PT	AU	TI	SO	SN	PY	VL	IS	BP	EP	AR	DI	First Aut	Cor Aut	IF2016	Rev Str.
1	Vlase, T; Jurca, G; Doca, N	Support effect in the thermal decomposition of some catalyst precursors	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1418-2874	1999	56	1	331	336		10.1023/A:1010146516774	1		1,953	1
2	Vlase, T; Jurca, G; Doca, N	The effect of the support by the thermal decomposition of some catalyst precursors	THERMOCHIMICA ACTA	0040-6031	2001	379	1, 2	59	63		10.1016/S0040-6031(01)00602-5	1		2,236	1
3	Vlase, T; Jurca, G; Doca, N	Non-isothermal kinetics by decomposition of some catalyst precursors	THERMOCHIMICA ACTA	0040-6031	2001	379	1, 2	65	69		10.1016/S0040-6031(01)00603-7	1		2,236	1
4	Vlase, T; Jurca, G; Doca, N	Some criteria for deciding upon the support effect	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1418-2874	2002	67	3	597	603		10.1023/A:1014344502777	1		1,953	1
5	Vlase, T; Vlase, G; Doca, M; Doca, N	Specificity of decomposition of solids in non-isothermal conditions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2003	72	2	597	604		10.1023/A:1024537902405	1		1,953	1
6	Vlase, T; Vlase, G; Chiriac, A; Doca, N	Decomposition of organic salts of some d and f metals - Non-isothermal kinetics and FT-IR studies	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2003	72	3	839	845		10.1023/A:1025066131365	1		1,953	1
7	Vlase, T; Vlase, G; Chiriac, A; Doca, N	The influence of concentration and anion nature on the support effect	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2003	72	3	847	853		10.1023/A:1025018215435	1		1,953	1
8	Doca, N; Vlase, T; Vlase, G	Compensation effect in solid state reactions, a consequence of selective activation at the vibrational level	REVUE ROUMAINE DE CHIMIE	0035-3930	2003	48	12	955	959					0,246	

9	Vlase, T; Vlase, G; Doca, N; Bolcu, C	Processing of non-isothermal TG data - Comparative kinetic analysis with NPK method	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2005	80	1	59	64	10.1007/s10973-005-0613-x	1	1,953	1
10	Vlase, T; Vlase, G; Chiriac, A; Doca, N	About compensation effect by thermal decomposition of some catalyst precursors	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2005	80	1	87	90	10.1007/s10973-005-0618-5	1	1,953	1
11	Vlase, T; Vlase, G; Doca, N	Kinetics of thermal decomposition of alkaline phosphates	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2005	80	1	207	210	10.1007/s10973-005-0637-2	1	1,953	1
12	Vlase, T; Vlase, G; Doca, N	Thermal stability of food additives of glutamate and benzoate type	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2005	80	2	425	428	10.1007/s10973-005-0671-0	1	1,953	1
13	Ioitescu, AI; Vlase, G; Vlase, T; Doca, N	Kinetics of decomposition of different acid calcium phosphates	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2007	88	1	121	125	10.1007/s10973-006-8022-3		1,953	1
14	Jurconi, B; Feher, L; Doca, N; Vlase, T; Lazar, C; Tibru, I; Stefanescu, M	Evaluation of oily soil biodegradability by means of thermoanalytical methods	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2007	88	2	373	375	10.1007/s10973-006-8014-3		1,953	1
15	Vlase, T; Vlase, G; Modra, D; Doca, N	Thermal behaviour of some industrial and food dyes	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2007	88	2	389	393	10.1007/s10973-006-8013-4	1	1,953	1
16	Feher, L; Jurconi, B; Vlase, G; Vlase, T; Doca, N	Decomposition kinetic of a synthetic oil adsorbed on different silico-alumina	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2007	88	3	621	624	10.1007/s10973-006-8015-2		1,953	1
17	Vlase, T; Pacurariu, C; Lazau, RI; Lazau, I	Kinetic studies of the crystallization process of glass-ceramics based on basalt	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2007	88	3	625	629	10.1007/s10973-006-8016-1	1	1,953	1

18	Vlase, T; Vlase, G; Birta, N; Docu, N	Comparative results of kinetic data obtained with different methods for complex decomposition steps	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2007	88	3	631	635	10.1007/s10973-006-8019-y	1	1,953	1
19	Vlase, G; Vlase, T; Tudose, R; Costisor, O; Docu, N	Kinetic of decomposition of some complexes under non-isothermal conditions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2007	88	3	637	640	10.1007/x10973-006-8020-5		1,953	1
20	Vlase, T; Docu, N; Vlase, G; Bolcu, C; Borcan, F	Kinetics of non-isothermal decomposition of three irganox-type antioxidants	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2008	92	1	15	18	10.1007/s10973-007-8726-z	1	1,953	1
21	Vlase, G; Vlase, T; Docu, N	Thermal behavior of some phenitoino pharmaceuticals	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2008	92	1	259	262	10.1007/s10973-007-8727-y		1,953	1
22	Pop, N; Vlase, G; Vlase, T; Docu, N; Mogos, A; Ioitescu, A	Compensation effect as a consequence of vibrational energy transfer in homogeneous and isotropic heat field	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2008	92	1	313	317	10.1007/s10973-007-8723-2		1,953	1
23	Vlase, T; Muntean, C	Kinetics of thermal decomposition of some nitrophosphate fertilizers with micronutrients in isothermal conditions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2008	92	2	559	562	10.1007/s10973-007-7936-8	1	1,953	1
24	Birta, N; Docu, N; Vlase, G; Vlase, T	Kinetic of sorbitol decomposition under non-isothermal conditions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2008	92	2	635	638	10.1007/s10973-007-7938-6		1,953	1
25	Docu, N; Vlase, G; Vlase, T; Ilia, G	THERMAL BEHAVIOR OF Cd(2+) AND Co(2+) PHENYL-VINYL-PHOSPHONATES UNDER NON-ISOTHERMAL CONDITION	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2008	94	2	441	445	10.1007/s10973-008-9347-x	1	1,953	1
26	Tita, B; Marian, E; Tita, D; Vlase, G; Docu, N; Vlase, T	Comparative kinetic study of decomposition of some diazepine derivatives under isothermal and non-isothermal conditions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2008	94	2	447	452	10.1007/s10973-008-9146-4		1,953	1

27	Ioitescu, AI; Vlase, G; Vlase, T; Ilia, G; Docă, N	Synthesis and characterization of hydroxyapatite obtained from different organic precursors by sol-gel method	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2009	96	3	937	942	10.1007/s10973-009-0044-1			1,953	1
28	Stefanescu, O; Stoia, M; Stefanescu, M; Vlase, T	Study on the influence of teos-diol molar ratio on their chemical interaction during the gelation process	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2009	97	1	251	256	10.1007/s10973-009-0247-5			1,953	1
29	Pacurariu, C; Lazaru, RI; Lazau, I; Ianos, R; Vlase, T	Influence of the specific surface area on crystallization process kinetics of some silica gels	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2009	97	2	409	414	10.1007/s10973-008-9680-0			1,953	1
30	Vlase, T; Vlase, G; Docă, N; Ilia, G; Fulias, A	Coupled thermogravimetric-IR techniques and kinetic analysis by non-isothermal decomposition of Cd(2+) and Co(2+) vinyl-phosphonates	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2009	97	2	467	472	10.1007/s10973-009-0219-9	1		1,953	1
31	Vlase, G; Vlase, T; Docă, N; Perta, M; Ilia, G; Plesu, N	Thermal behavior of a sol-gel system containing aniline and organic phosphonates	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2009	97	2	473	478	10.1007/s10973-009-0216-z			1,953	1
32	Docă, N; Vlase, G; Vlase, T; Perta, M; Ilia, G; Plesu, N	TG, EGA and kinetic study by non-isothermal decomposition of a polyaniline with different dispersion degree	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2009	97	2	479	484	10.1007/s10973-009-0217-y		1	1,953	1
33	Pop, N; Vlase, G; Vlase, T; Docă, N	Study on the mechanism of the selective activation of solids in a homogeneous and isotropic thermal field	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2009	97	2	667	671	10.1007/s10973-008-9671-1			1,953	1
34	Vlase, G; Vlase, T; Docă, N; Ilia, G	Estimation of Flame Retardancy Effect by Thermal Analysis Using Kinetic Parameters Obtained under Non-Isothermal Conditions in Air	CHINESE JOURNAL OF CHEMISTRY	1001-604X	2009	27	10	1919	1924				1,852	1
35	Vlase, T; Bolcu, C; Vlase, G; Mogos, A; Docă, N	Thermooxidative stabilization of a MDI	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2010	99	3	973	979	10.1007/s10973-009-0536-z	1		1,953	1

36	Fulias, A; Vlase, T; Vlase, G; Docă, N	Thermal behaviour of cephalexin in different mixtures	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2010	99	3	987	992	10.1007/s10973-010-0708-x			1,953	1
37	Iliă, G; Drehe, M; Vlase, T; Vlase, G; Macarie, L; Docă, N	Thermal behavior of titania grafted with phosphonic acids under non-isothermal conditions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2010	100	3	917	923	10.1007/s10973-009-0381-0		1	1,953	1
38	Fulias, A; Vlase, G; Vlase, T; Tita, B; Tita, D; Docă, N	THERMAL STUDY OF CEFOPERAZONE MONOHYDRATE	REVUE ROUMAINE DE CHIMIE	0035-3930	2010	55	8	481	486				0,246	
39	Vlase, T; Vlase, G; Docă, N; Iliescu, S; Iliă, G	Thermo-oxidative Degradation of Polymers Containing Phosphorus in the Main Chain	HIGH PERFORMANCE POLYMERS	0954-0083	2010	22	7	863	875	10.1177/0954008310364423		1	1,179	1
40	Tita, D; Fulias, A; Tita, B; Vlase, G; Vlase, T; Docă, N	THERMAL BEHAVIOUR OF ACTIVE COMPOUNDS VERSUS PHARMACEUTICAL COMPOUNDS FOR SOME BENZODIAZEPINES	REVUE ROUMAINE DE CHIMIE	0035-3930	2010	55	11, 12	1047	+				0,246	
41	Fulias, A; Vlase, T; Vlase, G; Szabadai, Z; Rusu, G; Bandur, G; Tita, D; Docă, N	Thermoanalytical Study of Cefadroxil and its Mixtures with Different Excipients	REVISTA DE CHIMIE	0034-7752	2010	61	12	1202	1206				1,232	
42	Stefanescu, O; Vlase, T; Vlase, G; Docă, N; Stefanescu, M	Synthesis and characterization of new hydroxycarboxylate compounds obtained in the redox reaction between Fe(NO ₃) ₃ and diol	THERMOCHIMICA ACTA	0040-6031	2011	519	1, 2	22	27	10.1016/j.tca.2011.02.024			2,236	1
43	Duda-Seiman, C; Vlase, T; Vlase, G; Duda-Seiman, D; Albu, P; Docă, N	Thermal analysis study of amlodipine as pure compound and in binary mixture	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2011	105	2	677	683	10.1007/s10973-011-1431-y		1	1,953	1
44	Albu, P; Bolcu, C; Vlase, G; Docă, N; Vlase, T	Kinetics of degradation under non-isothermal conditions of a thermooxidative stabilized polyurethane	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2011	105	2	685	689	10.1007/s10973-011-1497-6		1	1,953	1

45	Duda-Seiman, C; Vlase, T; Vlase, G; Cinca, R; Anghel, M; Doca, N	Thermal behavior of verapamil in pure and in solid dosage forms	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2011	105	3	851	858		10.1007/s 10973- 011-1460- 6		1	1,953	1
46	Doca, N; Pop, N; Mogos, A; Albu, P; Vlase, T	SELECTIVE ACTIVATION OF HETEROGENEOUS SYSTEMS: A CONSEQUENCE OF THE JAHN-TELLER EFFECT	REVUE ROUMAINE DE CHIMIE	0035- 3930	2011	56	10, 11	953	957					0,246	
47	Fulias, A; Bobric, A; Vlase, G; Vlase, T; Doca, N	THERMAL STABILITY AND BIOLOGICAL INTERACTIONS OF SOME CEPHALOSPORINS	REVUE ROUMAINE DE CHIMIE	0035- 3930	2011	56	10, 11	959	966					0,246	
48	Fulias, A; Doca, N; Vlase, G; Tita, B; Tita, D; Vlase, T	THERMAL DECOMPOSITION KINETICS OF CEFADROXIL	REVUE ROUMAINE DE CHIMIE	0035- 3930	2011	56	10, 11	967	973					0,246	
49	Stefanescu, M; Barbu, M; Vlase, T; Barvinschi, P; Barbu-Tudoran, L; Stoia, M	Novel low temperature synthesis method for nanocrystalline zinc and magnesium chromites	THERMOCHIMICA ACTA	0040- 6031	2011	526	1, 2	130	136		10.1016/j. tca.2011.0 9.005			2,236	1
50	Bucur, AI; Bucur, R; Vlase, T; Doca, N	Thermal analysis and high- temperature X-ray diffraction of nano-tricalcium phosphate crystallization	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2012	107	1	249	255		10.1007/s 10973- 011-1753- 9			1,953	1
51	Anghel, M; Vlase, T; Vlase, G; Albu, P; Doca, N; Tolan, I; Mracec, M	HYPHENATED TECHNIQUES USED BY EVALUATION OF THE THERMAL BEHAVIOUR OF GLYCYRRHETINIC ACID	REVUE ROUMAINE DE CHIMIE	0035- 3930	2012	57	7, 8	747	753					0,246	
52	Bodescu, AM; Sirghie, C; Vlase, T; Doca, N	Kinetics of thermal decomposition of natrium oxalato-oxo-diperoxo molibdate	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2012	110	3	1243	1247		10.1007/s 10973- 011-1993- 8		1	1,953	1
53	Ledeti, I; Fulias, A; Vlase, G; Vlase, T; Doca, N	NOVEL TRIAZOLIC COPPER (II) COMPLEX: SYNTHESIS, THERMAL BEHAVIOUR AND KINETIC STUDY	REVUE ROUMAINE DE CHIMIE	0035- 3930	2013	58	4, 5	441	450					0,246	

54	Fulias, A; Vlase, G; Vlase, T; Soica, C; Heghes, A; Craina, M; Heghes, A; Ledeti, I	Comparative kinetic analysis on thermal degradation of some cephalosporins using TG and DSC data	CHEMISTRY CENTRAL JOURNAL	1752-153X	2013	7				70	10.1186/1752-153X-7-70			2,442	1
55	Fulias, A; Ledeti, I; Vlase, G; Vlase, T	Physico-chemical solid-state characterization of pharmaceutical pyrazolones: An unexpected thermal behaviour	JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS	0731-7085	2013	81-82		44	49		10.1016/j.jpba.2013.03.018			3,255	1
56	Pop, N; Mogos, AM; Vlase, G; Vlase, T; Doca, N	Theoretic analysis and experimental evidence for relationships between the derivative thermogravimetric curves and the Gram-Schmidt profiles	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2013	113	1	113	119		10.1007/s10973-013-2967-9			1,953	1
57	Fulias, A; Vlase, G; Grigorie, C; Ledeti, I; Albu, P; Bilanin, M; Vlase, T	Thermal behaviour studies of procaine and benzocaine Part I. Kinetic analysis of the active substances under non-isothermal conditions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2013	113	1	265	271		10.1007/s10973-013-2959-9			1,953	1
58	Fulias, A; Ledeti, I; Vlase, G; Popoiu, C; Heghes, A; Bilanin, M; Vlase, T; Gheorgheosu, D; Craina, M; Ardelean, S; Ferechide, D; Marginean, O; Mos, L	Thermal behaviour of procaine and benzocaine Part II: compatibility study with some pharmaceutical excipients used in solid dosage forms	CHEMISTRY CENTRAL JOURNAL	1752-153X	2013	7				140	10.1186/1752-153X-7-140			2,442	1
59	Stefanescu, O; Vlase, T; Sorescu, S; Barvinschi, P; Stefanescu, M	Thermal behavior of Co(II) and Ni(II) hydroxycarboxylate complexes obtained by two original synthesis methods	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2013	113	3	1345	1354		10.1007/s10973-013-2951-4			1,953	1
60	Anghel, M; Vlase, G; Bilanin, M; Vlase, T; Albu, P; Fulias, A; Tolan, I; Doca, N	Comparative study on the thermal behavior of two similar triterpenes from birch	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2013	113	3	1379	1385		10.1007/s10973-013-3203-3			1,953	1

61	Bolcu, C; Vlase, G; Vlase, T; Albu, P; Doca, N; Sisu, E	Thermal behavior of some polyurethanes reticulated by aminated maltose	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2013	113	3	1409	1414		10.1007/s10973-013-3177-1		1	1,953	1
62	Bodescu, AM; Sirghie, C; Vlase, T; Doca, N	Comparative kinetics studies of thermal decomposition of kalium, respectively natrium oxalato-oxo-diperoxo molibdate	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2013	113	3	1431	1435		10.1007/s10973-013-3192-2		1	1,953	1
63	Verma, RK; Kristof, J; Pijolat, M; Grenet, J; Doca, N; Vlase, T; Vlase, G	Challenges in education in thermal analysis and calorimetry	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2013	113	3	1675	1679		10.1007/s10973-013-3135-y			1,953	1
64	Ledeti, I; Simu, G; Vlase, G; Savoiu, G; Vlase, T; Suta, LM; Popoiu, C; Fulfias, A	Synthesis and Solid-State Characterization of Zn(II) Metal Complex with Acetaminophen	REVISTA DE CHIMIE	0034-7752	2013	64	10	1127	1130					1,232	
65	Ledeti, I; Fulfias, A; Vlase, G; Vlase, T; Bercean, V; Doca, N	Thermal behaviour and kinetic study of some triazoles as potential anti-inflammatory agents	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2013	114	3	1295	1305		10.1007/s10973-013-3123-2			1,953	1
66	Bolcu, C; Modra, D; Vlase, G; Doca, N; Mihali, C; Vlase, T	Synthesis and thermal behavior of some diisocyanate-silane compounds	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2014	115	1	489	494		10.1007/s10973-013-3187-z			1,953	1
67	Fulfias, A; Popoiu, C; Vlase, G; Vlase, T; Onetiu, D; Savoiu, G; Simu, G; Patrutescu, C; Iliu, G; Ledeti, I	THERMOANALYTICAL AND SPECTROSCOPIC STUDY ON METHOTREXATE - ACTIVE SUBSTANCE AND TABLET	DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES	1842-3582	2014	9	1	93	98					0,836	
68	Pop, N; Hatiegan, C; Vlase, T; Raduca, M; Gillich, GR; Vasile, O; Raduca, E	FERMIONIC OSCILLATORS AND THEIR CONNECTION WITH THE ISOKINETIC TEMPERATURE	ROMANIAN REPORTS IN PHYSICS	1221-1451	2014	66	3	716	722					1,467	
69	Ledeti, I; Simu, G; Vlase, G; Vlase, T; Olariu, T; Savoiu, G; Suta, LM; Popoiu, C; Fulfias, A	Ni(II) Coordination Compound with Acetaminophen Synthesis and Characterization	REVISTA DE CHIMIE	0034-7752	2014	65	5	556	559					1,232	

70	Ledeti, I; Vlase, T; Vlase, G; Suta, LM; Fuias, A; Belu, I	Synthesis and Solid - state Characterization of a Cobalt(II) Triazolic Complex	REVISTA DE CHIMIE	0034-7752	2014	65	8	897	902					1,232	
71	Patrascu, J; Bedreag, O; Papurica, M; Biris, M; Ancusa, O; Onetiu, D; Vlase, G; Vlase, T; Sandesc, D	Compatibility of Ester-type Anesthetic Agents with Two Polysaccharides	REVISTA DE CHIMIE	0034-7752	2014	65	8	921	924					1,232	
72	Pupca, G; Bucuras, V; Vlase, G; Vlase, T; Fuias, A; Ledeti, I	Solid-State Analysis of Some Urinary Calculi	REVISTA DE CHIMIE	0034-7752	2014	65	9	1058	1062					1,232	
73	Fuias, A; Vlase, G; Soica, C; Bercean, V; Vlase, T; Ledeti, I	Thermal behaviour of a modified encapsulation agent Heptakis-6-iodo-6-deoxy-beta-cyclodextrin	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2014	118	2	961	966		10.1007/s10973-014-3727-1			1,953	1
74	Fuias, A; Vlase, G; Vlase, T; Onetiu, D; Docu, N; Ledeti, I	Thermal degradation of B-group vitamins: B-1, B-2 and B-6	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2014	118	2	1033	1038		10.1007/s10973-014-3847-7			1,953	1
75	Ledeti, I; Vlase, G; Vlase, T; Docu, N; Bercean, V; Fuias, A	Thermal decomposition, kinetic study and evolved gas analysis of 1,3,5-triazine-2,4,6-triamine	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2014	118	2	1057	1063		10.1007/s10973-014-3848-6			1,953	1
76	Soica, C; Fuias, A; Vlase, G; Dehelean, C; Vlase, T; Ledeti, I	Synthesis and thermal behavior of new ambazone complexes with some transitional cations	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2014	118	2	1305	1311		10.1007/s10973-014-3858-4			1,953	1
77	Fuias, A; Soica, C; Ledeti, I; Vlase, T; Vlase, G; Suta, LM; Belu, I	Characterization of Pharmaceutical Acetylsalicylic Acid - theophylline Cocrystal Obtained by Slurry Method Under Microwave Irradiation	REVISTA DE CHIMIE	0034-7752	2014	65	11	1281	1284					1,232	
78	Ledeti, I; Alexa, A; Bercean, V; Vlase, G; Vlase, T; Suta, LM; Fuias, A	Synthesis and Degradation of Schiff Bases Containing Heterocyclic Pharmacophore	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	1422-0067	2015	16	1	1711	1727		10.3390/ijms16011711			3,226	1

79	Udrescu, L; Sbarcea, L; Fulias, A; Ledeti, I; Vlase, T; Barvinschi, P; Kurunczi, L	Physicochemical characterization of zofenopril inclusion complex with 2- hydroxypropyl-beta- cyclodextrin	JOURNAL OF THE SERBIAN CHEMICAL SOCIETY	0352- 5139	2015	80	4	485	497	10.2298/J SC140828 118U	0,822	1
80	Ivan, C; Ledeti, I; Vlase, G; Vlase, T; Fulias, A; Olariu, S	Study of Solid - State Behaviour of Some Human Gallstones	REVISTA DE CHIMIE	0034- 7752	2015	66	2	265	270		1,232	
81	Albu, P; Mogos, A; Vlase, G; Vlase, T	THERMAL BEHAVIOUR AND DRUG-EXCIPIENT INTERACTION STUDIES FOR QUINIDINE	REVUE ROUMAINE DE CHIMIE	0035- 3930	2015	60	5, 6	587	593		0,246	
82	Ledeti, I; Vlase, G; Vlase, T; Ciucanu, I; Olariu, T; Todea, A; Fulias, A; Suta, LM	Instrumental Analysis of Potential Lovastatin - excipient Interactions in Preformulation Studies	REVISTA DE CHIMIE	0034- 7752	2015	66	6	879	882		1,232	
83	Fulias, A; Vlase, G; Todea, A; Vlase, T; Ledeti, I	Thermal Characterization of Polymeric Coatings for Pharmaceutical Dosage Forms	MACROMOLECUL AR SYMPOSIA	1022- 1360	2015	352	1	59	65	10.1002/m asy.20140 0154	0,913	1
84	Popovici, AR; Vlase, G; Vlase, T; Suta, LM; Popoiu, C; Ledeti, I; Iovanescu, G; Fulias, A	Local Anesthetic Agents III. Study of solid dosage forms with pharmaceutical excipients	REVISTA DE CHIMIE	0034- 7752	2015	66	7	1046	1051		1,232	
85	Ivan, C; Suta, LM; Olariu, T; Ledeti, I; Vlase, G; Vlase, T; Olariu, S; Matusz, P; Fulias, A	Preliminary Kinetic Study for Heterogenous Degradation of Cholesterol - Containing Human Biliary Stones	REVISTA DE CHIMIE	0034- 7752	2015	66	8	1253	1255		1,232	
86	Patrutescu, C; Vlase, G; Turcus, V; Ardelean, D; Vlase, T; Albu, P	TG/DTG/DTA data used for determining the kinetic parameters of the thermal degradation process of an immunosuppressive agent: mycophenolate mofetil	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2015	121	3	983	988	10.1007/s 10973- 015-4620- 2	1,953	1
87	Modra, D; Vlase, G; Albu, P; Bolcu, C; Vlase, T	Influence of the nature of the chain breaker on the thermal stability of phthalic anhydride-based polyesters	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2015	121	3	1021	1030	10.1007/s 10973- 015-4764- 0	1,953	1

88	Albu, P; Vlase, G; Modra, D; Bolcu, C; Vlase, T	Thermal behaviour of the polyesters obtained with different molar ratios of carboxyl hydroxyl components	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2015	121	3	1031	1037	10.1007/s10973-015-4783-x	1	1,953	1
89	Ledeti, I; Vlase, G; Vlase, T; Bercean, V; Fulfias, A	Kinetic of solid-state degradation of transitional coordinative compounds containing functionalized 1,2,4-triazolic ligand	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2015	121	3	1049	1057	10.1007/s10973-015-4520-5		1,953	1
90	Fulfias, A; Vlase, G; Vlase, T; Suta, LM; Soica, C; Ledeti, I	Screening and characterization of cocrystal formation between carbamazepine and succinic acid	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2015	121	3	1081	1086	10.1007/s10973-015-4473-8		1,953	1
91	Ledeti, I; Vlase, G; Vlase, T; Suta, LM; Todea, A; Fulfias, A	Selection of solid-state excipients for simvastatin dosage forms through thermal and nonthermal techniques	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2015	121	3	1093	1102	10.1007/s10973-015-4832-5		1,953	1
92	Ledeti, I; Vlase, G; Vlase, T; Fulfias, A	Kinetic analysis of solid-state degradation of pure pravastatin versus pharmaceutical formulation	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2015	121	3	1103	1110	10.1007/s10973-015-4842-3		1,953	1
93	Stefanescu, M; Bozdog, M; Muntean, C; Stefanescu, O; Vlase, T	Synthesis and magnetic properties of Co _{1-x} Zn _x Fe ₂ O ₄ (x=0 divided by 1) nanopowders by thermal decomposition of Co(II), Zn(II) and Fe(III) carboxylates	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	0304-8853	2015	393		92	98	10.1016/j.jmmm.2015.05.048		2,630	1
94	Ledeti, I; Avram, S; Bercean, V; Vlase, G; Vlase, T; Ledeti, A; Zupko, I; Mioc, M; Suta, LM; Soica, C; Dehelean, C	Solid-State Characterization and Biological Activity of Betulonic Acid Derivatives	MOLECULES	1420-3049	2015	20	12	22691	22702	10.3390/molecules201219876		2,861	1
95	Suta, LM; Vlase, G; Vlase, T; Savoii-Balint, G; Olariu, T; Belu, I; Ledeti, A; Murariu, MS; Stelea, L; Ledeti, I	Thermal Characterization of Cholesterol in Air vs. Nitrogen Atmosphere	REVISTA DE CHIMIE	0034-7752	2016	67	1	84	86			1,232	

96	Suta, LM; Vlase, G; Vlase, T; Olariu, T; Ledeti, I; Belu, I; Ivan, C; Sarau, CA; Savoiu-Balint, G; Stelea, L; Ledeti, A	Solid State Stability of Cholesterol Preliminary kinetic analysis	REVISTA DE CHIMIE	0034-7752	2016	67	1	113	115					1,232	
97	Suta, LM; Vlase, G; Ledeti, A; Vlase, T; Matusz, P; Trandafirescu, C; Circioban, D; Olariu, S; Ivan, C; Murariu, MS; Stelea, L; Ledeti, I	Solid-State Thermal Behaviour of Cholic Acid	REVISTA DE CHIMIE	0034-7752	2016	67	2	329	331					1,232	
98	Ledeti, A; Vlase, G; Ledeti, I; Vlase, T; Matusz, P; Dehelean, C; Circioban, D; Stelea, L; Suta, LM	Thermal Stability of Desipramine and Imipramine	REVISTA DE CHIMIE	0034-7752	2016	67	2	336	338					1,232	
99	Ledeti, I; Vlase, G; Vlase, T; Murariu, M; Trandafirescu, C; Soica, C; Suta, LM; Dehelean, C; Ledeti, A	Non-isothermal Isoconversional Kinetic Study Regarding the Degradation of Albendazole	REVISTA DE CHIMIE	0034-7752	2016	67	3	549	552					1,232	
100	Murariu, MS; Olariu, S; Ivan, C; Ledeti, I; Vlase, T; Vlase, G; Ledeti, A; Iacob, N; Miclaus, GD; Matusz, P	Correlations Between Morphology and Instrumental Analysis of Human Gallstones - Preliminary Study	REVISTA DE CHIMIE	0034-7752	2016	67	3	575	579					1,232	
101	Ledeti, I; Ledeti, A; Vlase, G; Vlase, T; Matusz, P; Bercean, V; Suta, LM; Piciu, D	Thermal stability of synthetic thyroid hormone L-thyroxine and L-thyroxine sodium salt hydrate both pure and in pharmaceutical formulations	JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS	0731-7085	2016	125		33	40			10.1016/j.jpba.2016.03.026		3,255	1
102	Fulias, A; Ledeti, I; Vlase, G; Vlase, T; Soica, C; Dehelean, C; Oprean, C; Bojin, F; Suta, LM; Bercean, V; Avram, S	Thermal degradation, kinetic analysis, and apoptosis induction in human melanoma for oleanolic and ursolic acids	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2016	125	2	759	768			10.1007/s10973-015-5052-8		1,953	1

103	Ledeti, I; Vlase, G; Vlase, T; Fulias, A; Suta, LM	Comparative thermal stability of two similar-structure hypolipidemic agents Simvastatin and Lovastatin-kinetic study	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2016	125	2	769	775	10.1007/s10973-015-5071-5			1,953	1
104	Ledeti, I; Bercean, V; Vlase, G; Vlase, T; Ledeti, A; Suta, LM	Betulonic acid Study of thermal degradation by kinetic approach	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2016	125	2	785	791	10.1007/s10973-016-5299-8			1,953	1
105	Blajovan, R; Ledeti, I; Vlase, G; Ledeti, A; Vlase, T	Study of thermal induced excipient-excipient interactions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2016	126	1	171	179	10.1007/s10973-016-5348-3		1	1,953	1
106	Ledeti, A; Vlase, G; Vlase, T; Bercean, V; Murariu, MS; Ledeti, I; Suta, LM	Solid-state preformulation studies of amiodarone hydrochloride	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2016	126	1	181	187	10.1007/s10973-016-5256-6			1,953	1
107	Doca, SC; Albu, P; Ceban, I; Anghel, A; Vlase, G; Vlase, T	Sodium alendronate used in bone treatment	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2016	126	1	189	194	10.1007/s10973-016-5619-z			1,953	1
108	Ceban, I; Blajovan, R; Vlase, G; Albu, P; Koppandi, O; Vlase, T	Thermoanalytical measurements conducted on repaglinide to estimate the kinetic triplet followed by compatibility studies between the antidiabetic agent and various excipients	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2016	126	1	195	204	10.1007/s10973-016-5729-7			1,953	1
109	Vlase, G; Bolcu, C; Modra, D; Budiul, MM; Ledeti, I; Albu, P; Vlase, T	Thermal behavior of phthalic anhydride-based polyesters	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2016	126	1	287	292	10.1007/s10973-016-5509-4		1	1,953	1
110	Vlase, G; Jurcau, D; Ledeti, A; Ceban, I; Vlase, T	Thermal behavior of phthalic anhydride bases polyesters	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388-6150	2016	126	1	293	298	10.1007/s10973-016-5679-0		1	1,953	1
111	Ledeti, A; Vlase, G; Circioban, D; Ledeti, I; Stelea, L; Vlase, T; Caunii, A	Comparative Stability of Levodopa Under Thermal Stress in both Oxidative and Inert Media	REVISTA DE CHIMIE	0034-7752	2016	67	12	2648	2650				1,232	

112	Popa, A; Iliu, G; Iliescu, S; Doca, N; Vlase, T; Vlase, G	Thermogravimetric characterization of styrene- divinylbenzene copolymers containing alpha- isopropylaminophosphonic acid groups	INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZAT ION	1023- 666X	2017	22	1	43	50	10.1080/1 023666X. 2016.1230 262			1,515	1
113	Vlase, G; Modra, D; Albu, P; Ceban, I; Bolcu, C; Vlase, T	Thermal behavior of saturated phthalic-type polyesters. Influence of the branching polyol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2017	127	1	409	414	10.1007/s 10973- 016-5667- 4		1	1,953	1
114	Sfirloaga, P; Poienar, M; Ianasi, C; Vlase, T; Vlazan, P	Synthesis and morpho- structural characterization of NaTaO3 nanomaterials obtained by ultrasonic method with immersed sonotrode	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2017	127	1	457	462	10.1007/s 10973- 016-5854- 3			1,953	1
115	Budiul, M; Albu, P; Vlase, G; Turcus, V; Vlase, T	Thermogravimetric and calorimetric studies performed on memantine hydrochloride to determine its thermal behaviour and possible drug-excipient interactions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2017	127	1	555	564	10.1007/s 10973- 016-5600- x		1	1,953	1
116	Ledeti, I; Murariu, M; Vlase, G; Vlase, T; Doca, N; Ledeti, A; Suta, LM; Olariu, T	Investigation of thermal- induced decomposition of iodoform	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2017	127	1	565	570	10.1007/s 10973- 016-5368- z			1,953	1
117	Albu, P; Doca, SC; Anghel, A; Vlase, G; Vlase, T	Thermal behavior of sodium alendronate	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	1388- 6150	2017	127	1	571	576	10.1007/s 10973- 016-5745- 7			1,953	1
118	Buda, V; Andor, M; Ledeti, A; Ledeti, I; Vlase, G; Vlase, T; Cristescu, C; Voicu, M; Suciuc, L; Tomescu, MC	Comparative Solid-State Stability of Perindopril Active Substance vs. Pharmaceutical Formulation	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	1422- 0067	2017	18	1		164	10.3390/ij ms180101 64			3,226	1

119	Grigorie, AC; Muntean, C; Vlase, T; Locovei, C; Stefanescu, M	ZnO-SiO ₂ based nanocomposites prepared by a modified sol-gel method	MATERIALS CHEMISTRY AND PHYSICS	0254- 0584	2017	186			399	406	10.1016/j. matchemp hys.2016. 11.011			2,084	1
120	Ledeti, A., Vlase, G., Vlase, T., Circioban, D., Dehelean, C., Ledeti, I., Suta, L.- M.	Binary adduct formation of desipramine with dicarboxylic acids: An instrumental study	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2016- in press						DOI: 10.1007/s 10973- 016-5967- 8			1,953	1
121	Ledeti, A., Vlase, G., Vlase, T., Circioban, D., Dehelean, C., Ledeti, I.	Kinetic study for solid-state degradation of mental disorder therapeutic agents: Amitriptyline, desipramine and imipramine	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2016- in press						DOI:10.10 07/s10973 -016- 6064-8			1,953	1
122	Vlase, G., Budiul, M., Pătruțescu, C., Albu, P., Vlase, T.	An extensive compatibility study of mycophenolate mofetil with different excipients by spectroscopic and thermoanalytical investigation techniques	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2017- in press						DOI: 10.1007/s 10973- 017-6192- 9	1		1,953	1
123	Ledeti, I., Bolintineanu, S., Vlase, G., Circioban, D., Dehelean, C., Suta, L.-M., Caunii, A., Ledeti, A., Vlase, T., Murariu, M.	Evaluation of solid-state thermal stability of donepezil in binary mixtures with excipients using instrumental techniques	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2017	130	1	425	431		DOI: 10.1007/s 10973- 017-6250- 3			1,953	1
124	Ledeți, I., Budiul, M., Matusz, P., Vlase, G., Circioban, D., Dehelean, C., Șuta, L.-M., Caunii, A., Ledeți, A., Vlase, T., Murariu, M., Bolintineanu, S.	Preformulation studies for nortriptyline: Solid-state compatibility with pharmaceutical excipients	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2017- in press						DOI: 10.1007/s 10973- 017-6269- 5			1,953	1

125	Vlase, G., Blajovan, R., Albu, P., Vlase, T.	Study of thermally induced interaction between hydroxyethylcellulose and carboxymethylcellulose with different excipients	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2017	130	1	397	402		DOI: 10.1007/s 10973- 017-6309- 1		1	1,953	1
126	Vlase, G., Budiul, M., Vlase, T., Albu, P., Ledeti, A	Thermally induced interactions between adamantan-2-one and some pharmaceutical excipients	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2017- in press						DOI: 10.1007/s 10973- 017-6332- 2		1	1,953	1
127	Ledeti, I., Bolintineanu, S., Vlase, G., Circioban, D., Ledeti, A., Vlase, T., Suta, L.-M., Caunii, A., Murariu, M.	Compatibility study between antiparkinsonian drug Levodopa and excipients by FTIR spectroscopy, X-ray diffraction and thermal analysis	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2017	130	1	433	441		DOI: 10.1007/s 10973- 017-6393- 2			1,953	1
128	Mădălina Mateescu, Mihaela Budiul, Paul Albu, Gabriela Vlase, Titus Vlase	Thermal behavior and kinetic study of degradation for adamantan-2-one versus memantine hydrochloride	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2017	130	1	391	396		DOI: 10.1007/s 10973- 017-6443- 9		1	1,953	1
129	Paul Albu, Mihaela Budiul, Mădălina Mateescu, Vlad Chiriac, Gabriela Vlase, Titus Vlase	STUDIES REGARDING THE INDUCED THERMAL DEGRADATION, KINETIC ANALYSIS AND POSSIBLE INTERACTIONS WITH VARIOUS EXCIPIENTS OF AN OSSEOINTEGRATION AGENT - ZOLEDRONIC ACID	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2017	130	1	403	411		DOI 10.1007/s 10973- 017-6537- 4			1,953	1
130	Ledeti, A., Olariu, T., Caunii, A., Vlase, G., Circioban, D., Baul, B., Ledeti, I., Vlase, T., Murariu, M.	Evaluation of thermal stability and kinetic of degradation for levodopa in non-isothermal conditions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY		2017- in press						10.1007/s 10973- 017-6671- z			1,953	1
131	E. Berei, O. Ștefănescu, C. Muntean, T. Vlase, B. O. Țăranu, A. Dăbici, M. Ștefănescu	A novel route for the preparation of CoCr ₂ O ₄ /SiO ₂ nanocomposite starting from Co(II)-Cr(III) carboxylate complex combinations	Journal of Materials Science		2017- in press						10.1007/s 10853- 017-1834- 7			2,599	1

19 FA	19 CA	232,04 IF	102 Rev .Str.
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ii)Articole BDI

1. Vlase, T., Jurca Gabriela and Doca, N., "Study of the support effect by non-isothermal kinetics. I. Decomposition of ammonium metavanadate supported on carborundum", *Annals of West Univ. of Timișoara*, 6 (1997), 119-128
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