

CURRICULUM VITAE



PERSONAL INFORMATION	
Surname, given name	BERINDE, MARIOARA-ZOIȚA
Address	Str. Republicii, bloc 5, ap. 2, 430221, Baia Mare, ROMANIA
Phone	+40-262-227432; +40-748-195522
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E-mail	zoita_berinde@yahoo.com
Nationality	Romanian
Birth date	19 August 1957
PROFESSIONAL EXPERIENCE	
* from....to	1) 25 February 2008 - present 2) 1 October 1993 - 25 February 2008 3) 1 September 1980 - 25 February 2008
* name and adress of employer	1) Faculty of Sciences North University of Baia Mare, Romania Victoriei Str. 76 A, Baia Mare 2) Faculty of Sciences North University of Baia Mare, Romania Victoriei Str. 76 A, Baia Mare 3) National College "V. Lucaciu" Baia Mare
* activities	1) Teaching activities in the field of Organic Chemistry Research activity in the field of Molecular Graphs 2) and 3) Teaching activities in the field of Chemistry
*position	1) Full time Associate Professor 2) Part time Associate Professor (2002--

	2008); Part time Lecturer (1993--2002) 3) Teacher of Chemistry; Vice Head Master (1992—25 February 2008)
* main duties	1) and 2) Teaching: Stereochemistry; Organic Chemistry; Didactics of Chemistry; 3) Teaching Chemistry
EDUCATION	
* from....to	1) 1992—1999 2) 1976—1980 3) 1972--1976
*institution	1) <i>Universitatea "Babeş-Bolyai" Cluj-Napoca Facultatea de Chimie și Tehnologie Chimică</i> 2) <i>Universitatea "Babeş-Bolyai" Cluj-Napoca Facultatea de Chimie și Tehnologie Chimică</i> 3) National College „Gh. Sincai” Baia Mare
*fields of expertise	1) Organic Chemistry 2) Chemistry 3) High Education
*diploma	1) PhD Diploma 2) MSc Diploma 3) Graduation Diploma
*nivelul de clasificare a formei de instruire/înv.	1) Post Graduate 2) Graduate 3) Undergraduate
SKILLS	
LANGUAGES	Romanian (native)
FOREIGN LANGUAGES	French
*reading	Good
*writting	Fair
*speaking	Good
LIMBI STRĂINE CUNOSCUTE	English
*reading	Good
*writting	Fair
*speaking	Fair
ORGANIZATORIAL SKILLS	- VICE HEAD MASTER (1992- 2008);
TECHNICAL SKILLS	- PC
DRIVING LICENCE	from 2002, category B
MEMBER OF PROFESSIONAL SOCIETIES	· European Society of Mathematical Chemistry · Romanian Chemistry Society (SChR)
OTHER ACTIVITIES	· Secretary, Maramureş Branch of SChR · Member, National Commission of Romanian Chemistry Olympiad (1987-present)

PUBLISHED PAPERS (2000 - 2007)

1. ISI journals

- (1) **Z. Berinde**, *Considerații privind modelarea matricială a compușilor halogenați* Revista de chimie (București), 52, nr. 12, 2001, 788–792 ISSN 0034-7752 Revistă ISI, Factor de impact 0.287 (2006)
- (2) **Z. Berinde**, *Un nou indice topologic de tip Randić*, Revista de chimie (București), 53, nr. 1, 2002, 812-816 ISSN 0034-7752 Revistă ISI, Factor de impact 0.287 (2006)
- (3) **Z. Berinde**, *Vertex and Edge weighted molecular graphs for amines*, Revue Roumaine de Chimie, 51 (11), 2006, 1131-1135 ISSN 0035-3930 Revistă ISI, Factor de impact 0.208 (2006)

2. Indexed journals

- (1) **Z. Berinde**, C. Drinkal, *On a local invariant for modelling molecular double bonds graphs*, Chem. Bull. „Politehnica” Univ. (Timișoara), vol. 49 (63), 1-2, 2004, 5-7 Revista tip B
- (3) **Z. Berinde**, C. Drinkal, *A correlation study of ZEP topological index in the class of alkanes*, Chem. Bull. „Politehnica” Univ. (Timișoara), vol. 49 (63), 1-2, 2004, 1-4 Revista tip B
- (3) **Z. Berinde**, M. Berinde, *On a matrix representation of molecular structures*, Carpathian J. Math. 20 (2004), No. 2, 205-209 Revista tip B+
- (4) **Z. Berinde**, M. Berinde, *Graph modelling of chemical structures*, Bul. Științ. Univ. Baia Mare, seria B, Fasc. Matematică–Informatică, vol. 18 (2002), No. 2, 153-158 Revista tip B+
- (5) **Z. Berinde**, *On the characterization of the compactness an branching using the topological indices ZEP and RZ*, U.P.B.,Sci.Bull., Series B, 63, nr. 4, 2001, 15-21 Revista tip B

4. Proceedings

- (1) **Z. Berinde**, *On a local invariant for modelling heteroatoms*, Proceed of PAMM 135, Baia Mare–Borșa, 4–7 oct. 2001, p. 47-54
- (2) **Z. Berinde**, *A new topological matrix obtained from the molecular structure in the classe of hydrocarbons*, Proceed of PAMM 135, Baia Mare – Borșa, 4-7 oct. 2001, p. 41-44
- (3) **Z. Berinde**, V. Berinde, L. Balog, *On a method for ordering the vertices of molecular graph*, Proceed. Int.SC. Conf. on Math., Herlany, Tu Kosice, 21-23 oct. 1999, p. 23–30, 2000

5. Textbooks

- (1) C. Corpodean, **Z. Berinde**, C. Drinkal, *Chimie pentru grupele de performanță – clasa a IX-a*, Ed. Dacia, Cluj-Napoca, 2003; 232 pag., ISBN 973-35-1745-3

6. Books

- (8) **Z. Berinde**, N. Predoiu, C. Drinkal, *Exerciții și probleme din chimia soluțiilor apoase*, Ed. Cub Press 22, 2007, 200 pag., ISBN 978-973-9451-14-7
- (10) **Z. Berinde**, *Managementul practicii didactice la CHIMIE*, Ed. Cub Press 22, 2006, 82 pag., ISBN (13) 978-973-9451-13-0
- (9) **Z. Berinde**, *111 Probleme cu oleum*, Ed. Cub Press 22, 2005, 148 pag., ISBN 973-98684-8-7
- (1) **Z. Berinde**, C. Drinkal, *Dicționarul elementelor chimice*, Ed. Cub Press 22, 2002; 214 pag. ISBN 973-98684-5-2
- (3) **Z. Berinde**, *Aplicații ale topologiei moleculare în studiul proprietăților fizico chimice ale compușilor organici*, Ed. Cub Press, 2001; 208 pag., ISBN 973-9451-03-9
- (2) **Z. Berinde**, *Introducere în stereochimie prin exerciții și probleme*, Ed. Cub Press 22, 2000; 286 pag., ISBN 973-98168-9-4
- (4) **Z. Berinde**, *Metodă și algoritmicizare în rezolvarea problemelor de chimie organică* Ed. Cub Press 22, 2000; 276 pag., ISBN 973-97684-1-X
- (6) **Z. Berinde**, *Chimia în concursurile școlare. Olimpiada județeană (1990–1999), clasa a VIII-a*, Ed. Cub Press 22, 2000; 56 pag., ISBN 973-98684-2-8
- (7) **Z. Berinde**, *Chimia în concursurile școlare. Olimpiada națională (1990–1999), clasa a VIII-a*, Ed. Cub Press 22, 2000; 72 pag., ISBN 973-98684-3-6

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14.01.2009

Berinde Mărioara Zoîța