



## Curriculum vitae Europass



### Informatii personale

Nume / Prenume **ANGELESCU Nicolae**  
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Nationalitate(-tati) Romana  
Data nasterii 22.05.1947  
Sex Masculin

### Locul de munca vizat / Domeniul ocupational

**Universitatea Valahia din Targoviste**

### Experienta profesionala

Perioada 1. 2006 – prezent; 2. 2002 – prezent; 3. 2004-2006; 4. 2006 – 2012; 5. 1996 – 2002; 6. 1995 – 1996;  
7. 1995-2012; 8. 1998 -2000; 9. 1972 – 1995; 10. 2001- 2012.

Functia sau postul ocupat 1. Profesor Conducator de doctorat; 2. Profesor universitar; 3. Sef de Catedra Stiinta Materialelor; 4. Director Adjunct al Departamentului Materiale Echipamente Instalatii si Roboti; 5. Conferentiar universitar; 6. Sef lucrari; 7. Cercetator principal gradul I; 8. Sef laborator cercetare; 9. Cercetator stiintific, Cercetator principal gradul III, Cercetator principal gradul II; 10. Director stiintific al Programelor de cercetare la ICEM Bucuresti.

Activitati si responsabilitati principale Cursuri si seminarii; administrare academica; coordonare de publicatii stiintifice; consultant si formator in domeniul stiintei materialelor; conducator doctorat; cercetare

Numele si adresa angajatorului **1 – 6. Universitatea Valahia din Targoviste (Bdul Regele Carol I nr. 2, Targoviste, Tel: 0245.206.101, E-mail: [rectorat@valahia.ro](mailto:rectorat@valahia.ro)); Website: <http://www.valahia.ro>; 7 – 8. Institutul de Cercetari Metalurgice ICEM SA Bucuresti, Tel: 021 220 5506, Website: [www.icem.ro](http://www.icem.ro)**

Tipul activitatii sau sectorul de activitate Didactica; cercetare stiintifica; administrare academica

Functia/rolul in proiect **Expert pe termen lung (conducator de doctorat) cu urmatoarele responsabilitati :**

1. Orientarea si îndrumarea doctoranzilor în elaborarea planului de lucru privind cercetarea, diseminarea si valorificarea rezultatelor cercetarii ;
2. Orientarea si îndrumarea doctoranzilor pentru participarile la conferinte, seminarii, sesiuni stiintifice , în organizarea mobilitatille interne si externe, etc ;
3. Pilotajul continutului academic si reorientarea eventuala a cercetarii ;
4. Controlul evolutiei cercetarii in conformitate cu angajamentele asumate.

### Educatie si formare

Perioada	1. 1983; 2. 1972; 3. 1966
Calificarea / diploma obtinuta	1. Doctor inginer in Stiinta si Ingineria Materialelor; 2 Diploma de inginer (Tehnologia Silicatilor si Compusilor Oxidici); 3. Bacalaureat
Disciplinele principale studiate / competente profesionale dobandite	Discipline teoretice si profesionale: <ul style="list-style-type: none"> <li>• Domeniul general al disciplinelor teoretice (Matematica, Fizica, Chimie, Chimie fizica, Mecanica, Rezistenta materialelor)</li> <li>• Domeniul disciplinelor tehnologice si aplicative (Organe de masini, Operatii si utilaje, Chimia Fizica a silicatilor, Utilaje si cuptoare si transfer termic, Mineralogie si petrografie, Tehnologia sticlei, Bazele tehnologiei ceramicii si refractarelor, Bazele tehnologiei liantilor si betoanelor, Bazele fizico-chimice ale reactiilor in faza solida, Bazele cercetarii experimentale, Proiectare)</li> </ul>
Numele si tipul institutiei de invatamant / furnizorului de formare	1 -2. Institutul Politehnic din Bucuresti (Universitatea Politehnica Bucuresti); 3. Liceul Alexandru Odobescu Pitesti
Nivelul in clasificarea nationala sau internationala	Postuniversitar

### Aptitudini si competente personale

Limba(i) materna(e)	<b>Romana</b>
Limba(i) straina(e) cunoscuta(e)	
Autoevaluare	
Nivel european (*)	
<b>Limba engleza</b>	
<b>Limba rusa</b>	

Intelegere		Vorbire		Scriere					
Ascultare		Citire		Participare la conversatie		Discurs oral		Exprimare scrisa	
B1		B2		B1		B1		B1	
C2		C2		C2		C2		C2	

(\*) Nivelul Cadrului European Comun de Referinta Pentru Limbi Straine

Competente si abilitati sociale	Comunicare in contexte publice – competenta dobandita prin participare la activitatea profesionala si la manifestari stiintifice. Competenta didactica. Competenta administrativa.
Competente si aptitudini organizatorice	Spirit organizatoric – competenta dobandita in context profesional (functii de conducere in invatamantul universitar si cercetare)
Competente si aptitudini tehnice	Cercetator recunoscut in tara si strainatate – competenta dobandita in context profesional ( peste 90 de tehnologii noi sau modernizate implementate, peste 70 poduse noi introduse in fabricatie).
Competente si aptitudini de utilizare a calculatorului	Word, Excell, Power-Point. Internet (context profesional)
Competente si aptitudini artistice	Muzica (consumator); literatura, istorie antica, calatorii (contextul timpului liber)
Alte competente si aptitudini	Spirit creativ: inventiv si inovativ – competenta dobandita in context profesional, peste 40 ani activitate de cercetare. Responsabil sau colaborator a 150 teme de cercetare departamentale si contracte cu agenti economici. A inregistrat 19 inventii, din care 10 au fost aplicate in productie.
Permis(e) de conducere	Categoria B

### Informatii suplimentare

#### Carti publicate:

1. Avram, D. Ungureanu, **D.N., Angelescu, N.** – *Biomateriale ceramice pe bază de fosfați de calciu*, Ed. Valahia Univeristy Press, ISBN 978-606-603-028-1, 2012.
2. Niculescu, M., Vasile, N., **Angelescu, N.**, Sava, S., Vergatti, R. S. – *Epistemologie – perspectivă interdisciplinară*. Editura Bibliotheca, Targoviste, ISBN978-973-712-651-3, 2011.
3. **Angelescu, N.** - *Materiale compozite cu fază ceramică*. Editura Științifică F.M.R., București, ISBN: 973-8151-37-6, pp. 1 – 284, 2005.
4. **Angelescu, N.**, Oprea, F. - *Monolitice speciale pentru oala de turnare din oțelării*, Editura Macarie, Târgoviște, ISBN 973-8135-97-4, pp. 1- 165, 2002.
5. Oprea, F., **Angelescu, N.** - *Bisiliciura de molibden – material cu proprietăți anticorrosive și*

- rezistive. Editura Macarie, Târgoviște, ISBN 973-8135-93-6, pp. 1-185, 2002.
6. **Angelescu, N.**, Oprea, F. - *Coroziunea și protecția anticorozivă a materialelor metalice*. Editura Macarie, Târgoviște, ISBN 973-8135-99-0, pp. 1-195, 2002.
  7. **Angelescu, N.** - *Tehnologii electrochimice - aspecte fundamentale și procese*. Editura Științifică F.M.R., București, ISBN 973 - 8185 - 06 - 6, pp. 1- 294, 2002.
  7. **Angelescu, N.** - *Tehnologii electrochimice - aspecte fundamentale și procese*. Editura Științifică F.M.R., București, ISBN 973 - 8185 - 06 - 6, pp. 1- 294, 2002.
  8. **Angelescu, N.** - *Materiale metalice și nemetalice rezistente la coroziune*. Editura Științifică F.M.R., București, ISBN 973 - 8185 - 08 - 2, pp. 1-175, 2002.
  9. **Angelescu, N.** - *Materiale rezistente la coroziune – Betoane speciale*. Editura Macarie, Târgoviște, ISBN 973 - 9391 - 83 - 4, pp. 1-198, 2001.
  10. **Angelescu, N.**, Bratu V. - *Materiale Ceramice și Refractare*. Ghid de laborator, Universitatea Valahia Targoviste, ISBN 973 - 0 - 01056 - 0, pp. 1 - 65, 2000.
  11. Zamfir, S., **Angelescu, N.**, Enescu, C., Zamfir R. - *Coroziunea și protecția materialelor*. Ghid de laborator, Universitatea Valahia Targoviste, Editura Macarie, ISBN 973 - 9372 - 93 - 8, pp. 1-106, 1999.

#### Articole publicate in reviste sau culegeri cotate ISI si/sau indexate de Thomson Scintific:

1. Avram, D., **Angelescu, N.**, Ungureanu, D., Bratu, V. - *Obtaining simple and doped phosphocalcic glasses by using sol-gel technique*. Journal of Optoelectronics and Advanced Materials (JOAM), Vol. 17, No. 7-8, July - August 2015, p. 1038 - 1043. Lucrare prezentata la BRAMAT2015.
2. **Angelescu, N.**, Ionita, C., Bratu, V. - *Structural and mechanical characterization of high alumina additivated cement based on high refractory mineralogical compounds*. Construction Materials and Structures. Pages 113 - 120. Edited by Ekolu, S.O., Dundu, M., Gao, X., IOS Press, 2014, doi: 10.3233/978-1-61499-466-4-113. Conference: 1st International Conference on Construction Materials and Structures, Johannesburg, South Africa, November 24 - 26, 2014.
3. Abdelgader, H. S., Othman A. M., El-Baden, A.S., **Angelescu, N.** - *Concreting method that produces sustainable concrete*. Construction Materials and Structures. Pages 127 - 135. Edited by Ekolu, S.O., Dundu, M., Gao, X., IOS Press, 2014, doi: 10.3233/978-1-61499-466-4-127. Conference: 1st International Conference on Construction Materials and Structures, Johannesburg, South Africa, November 24 - 26, 2014.
4. Ungureanu, D., **Angelescu, N.**, Catangiu, A., Bratu, V., Despa, V., Anghelina, V., Tsakiris, V., Marinescu, V. - *In vitro structural changes on the surface of SiO<sub>2</sub> - CaO - P<sub>2</sub>O<sub>5</sub> bioactive glasses*. Journal of Optoelectronics and Advanced Materials (JOAM), Vol. 15, No. 7-8, July - August 2013, p. 744 - 749. Lucrare prezentata la BRAMAT2013.
5. Ion, I., Barosso, J. A., **Angelescu, N.**, Stanciu, D. - *Properties of polymer modified concrete in fresh and hardened state*. Advanced Materials Research, Trans. Tech. Publications, Switzerland, Vols. 687, pp 204-212, 2013. Lucrare prezentata la 14th ICPC International Congresses on Polymers in Concrete, [Shanghai \(China\)](#), 2013.
6. Ion, I., Stanciu, D., Barosso, J. A., **Angelescu, N.** - *Polymer concrete, correlations between properties*. Metalurgia International, Vol. XVIII(5), p. 236-249, 2013.
7. Stanciu, D., Ion, I., Barosso, J. A., **Angelescu, N.** - *Self-Compacting Concrete. A Comparison between the Workability Properties, Density, Porosity and Mechanical Properties*. Metalurgia International, Vol. XVIII(3), p. 138-141, 2013.
8. **Angelescu, N.**, Amziane, S., Ionita C., Ion, I., Stanciu, D. - *Concretes for Special Applications*. Advanced Materials Research, Trans. Tech. Publications, Switzerland, Vols. 479-481, pp 595-600, 2012.
9. **Angelescu, N.**, Amziane, S., Ionita C., Ion, I., Stanciu, D. - *Special and New Monolithics*. Advanced Materials Research, Trans. Tech. Publications, Switzerland, Vols. 479-481, pp 362-365, 2012.
10. Ungureanu, D., **Angelescu, N.**, Tsakiris, V., Marinescu, V. - *Investigations Regarding Chemical Measuring of Synthesis of Calcium Hydroxyapatite*, Romanian Journal of Materials (Revista Romana de Materiale), 42 (1), pp. 52-60, 2012.
11. Ionita C., **Angelescu, N.**, Amziane, S. - *Characterization of super alumina cements using thermogravimetry analysis and X-ray diffraction*, Metalurgia International vol 17 (2012), no. 6, pp. 174-177, ISSN 1582 - 2214.
12. Ungureanu, D., **Angelescu, N.**, Catangiu, A., Stoian, E., Rizescu, C, Avram, D. - *Synthesis and Characterisation of Bioactive Sol - Gel Glass: A Preliminary Study*. Advanced Materials Research, Trans. Tech. Publications, Switzerland, Vols. 341-342, pp 21-25, 2012.
13. **Angelescu, N.**, Ungureanu, D., Catangiu, A. - *Synthesis of Crystalline Hydroxyapatite Prepared from Aqueous Solutions*. Revista de Chimie, 62, Nr. 7, 702-706, 2011.
14. Ungureanu, D., **Angelescu, N.**, Ion, R., M., Stoian, E., Rizescu, C. - *Synthesis and characterisation of Hydroxyapatite Nanopowders by Chemical Precipitation*. Proceedings of 3<sup>rd</sup> WSEAS International Conference on nanotechnology (NANOTECHNOLOGY '11), Cambridge, UK, February 20 - 22, 2011.

15. **Angelescu, N.**, Ungureanu, D., Catangiu, A., Bratu, V., Anghelina, V. – *Synthesis and characterisation of Hydroxyapatite Powders obtained by Wet Chemical Method*. Metalurgia International, Vol. XVI(4), p. 125-128, 2011. (Lucrare prezentata la 7th International Conference on Materials Science & Engineering BRAMAT, Brasov, 2011)
16. **Angelescu, N.**, Muntean, M., Ionita, C. - *Noi betoane refractare speciale*. Revista Romana de Materiale, 40 (3), pag. 193-202, 2010.
17. **Angelescu, N.**, Barosso, J., Surugiu, G., Paunescu, L. – *Considerations Regarding the Possibility of Heat Losses Reducing through Furnace Lining in Accordance with Actual Trends of Refractory Lining Structure Optimization*. Metalurgia International, Vol. XV(12), p. 23-28, 2010.
18. **Angelescu, N.**, Paunescu, L., Surugiu, G. – *Thermal Conductivity Reduction – Basic Requirements of Performance Refractory Linings*. Metalurgia International, Vol. XV(8), p. 48-54, 2010.
19. **Angelescu, N.**, Surugiu, G., Paunescu, L. – *Calculating Heat Losses through Refractory Lining During Heating and Cooling a Batch Furnace*. Metalurgia International, Vol. XIV(9), p. 8-14, 2009.
20. **Angelescu, N.**, Paunescu, L. – *Researches in View of Heat Losses Reduction through the Insulation of the Casting Ladles*. Metalurgia International, Vol. XIV(9), p. 33-38, 2009.
21. **Angelescu, N.**, Paunescu, L., Surugiu, G. – *Determining the Correlation Between the Liquid Steel Temperature and the Temperatures of the Casting Ladle Encasting Surface During Transportation to the Continuous Casting Station*. Metalurgia International, Vol. XIV(10), p. 16-21, 2009.
22. **Angelescu, N.**, Rizescu C. - *Cobalt and its compounds*. [www.Environmental-Expert.com](http://www.Environmental-Expert.com) Articles & Case Studies, Health & Safety, published May 29, 2007.
23. **Angelescu, N. s.a.** - *Consideratii privind sinteza MoSi<sub>2</sub> si obtinerea compozitelor ceramometallice cu faza ceramica din alumina rezistente la coroziune*. Revista de Chimie, 58, Nr. 12, 1239-1243, 2007.
24. **Angelescu, N.** - *MoSi<sub>2</sub> – Al<sub>2</sub>O<sub>3</sub> Cermet Type*. Seventh ECERS, Brugge, Belgium, 2001. Key Engineering Materials, Trans Tech Publications, Vols. 206-213, pp. 665, ISBN 0-87849-882-6, 2002.
25. **Angelescu, N.** - *Some Considerations Regarding MoSi<sub>2</sub> Synthesis*. Ceramics International, 24(1), pp. 73-76, 1998, ISSN 0272-8842.
26. Oprea, F., **Angelescu, N.** - *MoSi<sub>2</sub> Self - Purification through High – Temperature Synthesis*. The 5<sup>th</sup> European Ceramic Society Conference. Key Engineering Materials, Trans. Tech. Publications, Switzerland, Vols. 132-136, pp. 806 – 809, 1997.
27. Teoreanu, I., **Angelescu, N.**, Tuclea, D. - *La cinetique de la hydratation du ciment alumineux CA-CA<sub>2</sub> et la composition de ses produits de hydratation*. Revue Roumain de Chimie, Academia Romaniei, 29(1), pp. 113-120, 1984, ISSN 0035-4090.

#### **Articole publicate in reviste de specialitate:**

1. **Angelescu, N.**, Ionescu, G., Despa, V. - *Molybdenum disilicide obtaining*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 7(10), pp. 6-8, 2012.
2. Stancu, C., **Angelescu, N.**, Bratu, V.- *The hydration of super aluminous cement and the mechanical strength development*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 7(10), p. 33-38, 2012.
3. **Angelescu, N.**, Amziane, S., Ionita C. – *Complex Binders Systems Based on Mineralogical High Refractory Compounds*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 6(9), p. 7-10, 2011.
4. **Angelescu, N.**, Ion, I. Metal-Ceramic Composites. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 6(9), p. 11-14, 2011.
5. **Angelescu, N.**, Ungureanu, D., Anghelina, V. – *Synthesis and Characterization of Hydroxyapatite Obtained in Different Experimental Conditions*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 6(9), p. 15-18, 2011.
6. Ungureanu, D., **Angelescu, N.**, Avram, D., Catangiu, A., Bratu, V., Stoian, E., V. – *Synthesis and Characterization in Vitro Bioactivity of SiO<sub>2</sub> – CaO – P<sub>2</sub>O<sub>5</sub> – Sol – Gel Glasses Highlighted By XRD Technique*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 6(9), p. 115-119, 2011.
7. **Angelescu, N.**, Ungureanu, D., Catangiu, A., Abagiu, A. – *Efectul unor parametri de proces in sinteza hidroxiapatitei. Studiu de difractie cu raze X*. Cercetari Metalurgice și de Noi Materiale – Metallurgy and New Materials Researches, Vol. XIX, nr. 1, pp. 1-10, 2011.
8. **Angelescu, N.**, Ionita, C. - *Complex binder systems based on calcium aluminates used for making refractory concretes*. Cercetari Metalurgice și de Noi Materiale – Metallurgy and New Materials Researches, Vol. XIX (Numar Special Bramat), 2011, pp. 13-15. (Lucrare prezentata la 7th International Conference on Materials Science & Engineering BRAMAT, Brasov, 2011).

9. Ungureanu, D.N., **Angelescu, N.**, Bacinschi, Z., Stoian, E.V., Rizescu C.Z.- *Thermal Stability of Chemically Precipitated Hydroxyapatite Nanopowders*, International Journal of Biology and Biomedical Engineering, 2, 5, p.57 - 64, 2011.
10. **Angelescu, N.**, Ionita, C. – *The influence of cement dosage on quality performances of special refractory concretes*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 5(8), p. 7-11, 2010.
11. **Angelescu, N.**, Stanciu, D. - *Calcium monoaluminate constituent of aluminous cements*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 5(8), p. 12-14, 2010.
12. **Angelescu, N.**, Ungureanu, D., Bratu, V., Anghelina, V. - *Synthesis and characterization of ceramic hydroxiapatite*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 5(8), p. 15-19, 2010.
13. Vijayanand, M., **Angelescu, N.**, Muthu, K. U., Puttapa, C. G., Sudarsana Rao, H. – *Flexural characteristics of steel fibre reinforced self compacting concrete beams*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 5(8), p. 100-106, 2010.
14. **Angelescu, N.**, Paunescu, L., Surugiu, G. *Contribution to improvement of steel ladles linings durability*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr 4(6), p. 5-12, 2009.
15. **Angelescu, N.**, Surugiu, G. *Refractories based on ceramic fibres used in insulating thermo-technological aggregates*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr 1(6), p. 9, 2009.
16. **Angelescu, N. s.a.** – *Refractory Concretes for Diminishing the Heat Losses in the Ladle. Refractare pentru diminuarea pierderilor de caldura la oala de turnare*. Metallurgy and new materials researches, Vol. 15, nr. 1-2, pp 1-9, 2007
17. **Angelescu, N.**, Dimancea, D. – *Refractory Concretes for efficient use*. Revista romana de mecanica fina, optica si mecatronica, Volumul Simpozionului cu participatie Internationala Mecatronica, Microtehnologii si Materiale Noi, 2007, pp 242.
18. **Angelescu, N., s.a.** – *Compozitie de betoane refractare cu dozaj redus de ciment*. Metalurgia, Vol 59, nr. 1, 2006, pp. 27 - 32.
19. **Angelescu, N.**, Ionita, G., Dimancea, D. - *Refractare monolitice cu agregat din carbura de siliciu*. Revista romana de mecanica fina, optica si mecatronica, nr. 31, pp. 242 - 245, 2006.
20. **Angelescu, N.** - *Refractare monolitice silicoaluminose cu liere speciala*. Cercetari Metalurgice și de Noi Materiale – Metallurgy and New Materials Researches, nr. 3, 2005, pp. 29-38;
21. **Angelescu, N.** - *Refractare monolitice speciale pentru industria chimica si petrochimica*. Revista romana de mecanica fina, optica si mecatronica, nr. 28, pp. I. 145 – I. 148, 2005, ISSN 1584-5982.
22. **Angelescu, N.** - *Monolitice refractare speciale pentru otelarii*. Revista romana de mecanica fina, optica si mecatronica, nr. 28, pp. I.141–I.144, 2005, ISSN 1584-5982.
23. Toma, L. G., **Angelescu, N.** – *Intarirea prin coagulare a refractarelor monolitice*. - Revista romana de mecanica fina, optica si mecatronica, pp. IV.111 – IV.116, 2004, ISSN 1584-5982.
24. **Angelescu, N.** - *A New Binding System for Concretes*. Journal of International Association for Concrete Technology, vol 1, no. 1, pp. 41-51, 2003, ISSN 1675-8439.
25. **Angelescu, N.** - *Heating Behavior of Monolithics Bound by Coagulation*. Cement and Concrete World, vol. 8, no. 44, pp. 52-59, 2003, ISSN 1301-0859.
26. **Angelescu, N.**, Grecicosei, C. - *Refractare monolitice silicoaluminose cu liere Specială-Monolithic silica-alumina refractories with special bonding*. Metallurgy and New Materials Researches (ROMANIA), ISSN 1221-5503, Vol XI, nr. 3, pp. 1-10, 2003.
27. **Angelescu, N.** - *Lignosulfonatul de calciu – adaos pentru imbunatatirea lucrabilitatii refractarelor monolitice speciale/Calcium Lignosulphonate Addition for Improving Special Monolithic Refractories Workability*. Cercetari Metalurgice și de Noi Materiale – Metallurgy and New Materials Researches (ROMANIA), ISSN 1221-5503, Vol X, nr. 4, pp. 15-25, 2002.
28. **Angelescu, N.** – *Influenta interrelatiei agregat – piatra de ciment asupra texturii si rezistentei betonului/The Influence of Relation Between Aggregate and Cement Stone on the Resistance and Texture of Concretes*. Cercetari Metalurgice si de Noi Materiale – Metallurgy and New Materials Researches (ROMANIA), ISSN 1221 - 5503-0201, VII(3), pp. 20-23, 1999.
29. Teoreanu, I., **Angelescu, N.** - *Influente ale agregatului component asupra proprietatilor betoanelor refractare* I. Materiale de Constructii, 29(4), pp. 246 – 254, 1999, ISSN 0253-0201.
30. Teoreanu, I., Muntean, M., **Angelescu, N.**, Pietrareanu, A.- *Gehlenitic Binders and Derived Materials*. Materiale de Constructii, 27(2), pp. 120-129, 1997, ISSN 0253-0201.
31. **Angelescu, N.**- *Complex Binding Matrix*. Special Magazine on Engineering Materials, Lyubliana, Slovenia, 1, pp. 11-13, 1996, ISBN 961-90107-2-8.
32. Teoreanu, I., **Angelescu, N.** - *Correlations between the Composition Structure and Mechanical Properties of the Aluminous Concretes*. Materiale de Constructii, 26(1), pp. 4 – 10, 1996.
33. Teoreanu, I., **Angelescu, N.** - *Fundamentals in Developing New Generations of Refractory Concretes. Concretes with Simple and Complex Binding Systems*. Roumanian Chemical Quarterly Reviews, Academia Romaniei, Ianuarie - Iunie, vol. 4, No. 1-2, pp. 123-147, 1996.

34. Teoreanu, I., **Angelescu, N.** - *Hardening Mechanisms and Behaviour of Low-Aluminous Cement Refractory Concrete Binding Systems*. Interceram, 43(5), pp. 360-365, 1994, ISSN 0020-5214.
35. Teoreanu, I., **Angelescu, N.** - *Mecanisme de intarire si comportarea sistemelor liante pentru betoane refractare cu dozaje scazute de ciment aluminos*. Materiale de Constructii, 24(4), pp. 251- 258, 1994.
36. Teoreanu, I., **Angelescu, N.** - *Betoane refractare cu lianti complecsi si pulberi minerale inalt disperse*. Materiale de Constructii, 22(4), pp. 256 – 260, 1992.
37. Teoreanu, I., **Angelescu, N.** - *Neue Generationen Feuerfester Beton – Additiverter Beton mit Geringen Tonerdezement- Gehalt – Erhartungsmechanismen*. STUDIA Universitatis Babes-Bolyai, Chemia, 1-2, pp. 154 - 166, 1991.
38. Teoreanu, I., **Angelescu, N.** - *Noi generatii de betoane refractare aditivate cu continut redus si foarte redus de ciment aluminos - Mecanisme de intarire*. Materiale de Constructii, 21(2-3), pp. 68 – 74, 1991.
39. **Angelescu, N.** - *Materialy ogniortwale do indukcyjnych piesow stalowniczych*. Materialy Ogniortwale (Polonia), 4, 93-96, 1989.
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##### **Director de proiect**

1. **Angelescu, N.** - Noi materiale refractare monolitice cu performanta ridicata pentru otelarii. Programul INOVARE, Contract 219/2008
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##### **Colaborator- Responsabil**

7. **Angelescu, N.**, s.a. - *Materiale tehnologice auxiliare folosite la turnarea continua*. Contract 113/2002-2005, Programul MATNANTEH.
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1. **Angelescu, N.** - Silica fume and alumina fine powders special refractory castables. Proiect international de colaborare stiintifica Romania-India (Parteneri: Institutul de Cercetari Metalurgice Bucuresti si Universitatea Valahia din Targoviste, ROMANIA si M.S.R. Institute of Technology Bangalore, INDIA), 2007.

#### **Proiecte de cercetare aplicate in strainatate:**

1. **Angelescu, N.** - *Tehnologie de preparare si instructiuni de punere in opera prin turnare-vibrare a betoanelor refractare dense BR40 (BI-CA 141), BR50S (BT-D 145), BR65 (B-EC 54) si BR90 (B-F 79) pentru Fabrica de Ciment ASSIUT, Egipt. ICEM, 1987.*
2. **Angelescu, N.** - *Tehnologie de preparare si instructiuni de punere in opera a masei de stampare MS-85 pentru fabrica de Ciment ASSIUT, Egipt. ICEM, 1987.*
3. **Angelescu, N.** - *Tehnologie de preparare si instructiuni de punere in opera a masei refractare plastice MP-60 pentru Fabrica de Ciment ASSIUT, Egipt. ICEM, 1987.*
4. **Angelescu, N.** - *Tehnologie de preparare si instructiuni de punere in opera a betoanelor refractare termoizolatoare de tip BIP04, BIP05 si BID1,0 pentru Fabrica de Ciment ASSIUT, Egipt. ICEM, 1987.*

## **Proiecte POSDRU**

1. Pregătire doctorală de excelență pentru societatea cunoașterii – PREDEX, POSDRU/CPP107/DMI1.5/S/77497
2. Bursele doctorale, premiza pentru creșterea competitivității și competențelor în cercetarea științifică POSDRU/88/1.5/S/63269

## **Nominalizari:**

American Who'sWho in Science and Engineering, 5<sup>th</sup> Edition, 2000-2001,  
American Who'sWho in Science and Engineering, 6<sup>th</sup> Edition, 2002-2003,  
American Who'sWho in Science and Engineering, 7<sup>th</sup> Edition, 2004,  
American Who'sWho in Science and Engineering, 8<sup>th</sup> Edition, 2005,  
American Who'sWho in Science and Engineering, 9<sup>th</sup> Edition, 2006,  
American Who'sWho in Science and Engineering, 10<sup>th</sup> Edition, 2007,  
American Who'sWho in the World, 17<sup>th</sup> Edition, 2000,  
American Who'sWho in the World, 18<sup>th</sup> Edition, 2001,  
American Who'sWho in the World, 19<sup>th</sup> Edition, 2002,  
American Who'sWho in the World, 20<sup>th</sup> Edition, 2003,  
American Who'sWho in the World, 21<sup>th</sup> Edition, 2004,  
Who'sWho in Finance and Industry 33<sup>rd</sup> Edition, 2002-2003, 34<sup>th</sup> Edition, 2004- 2005,  
Who'sWho in Finance and Business 33<sup>rd</sup> Edition, 2004-2005,  
Hubners Who is Who - Romanian Personalities Encyclopedia, 5<sup>th</sup> Edition, 2010.

## **Activitate editoriala:**

- Membru in colegiul editorial al revistei Internationale **Journal of Concrete Technology**
- Membru in colegiul editorial al revistei The scientific Bulletin of Valahia University MATERIALS and MECHANICS

## **Membru al comitetului de organizare a unor manifestari stiintifice interne si internationale:**

- Membru in Comitetul de organizare si Chairman la Sesiunile de Comunicari si Conferintele organizate de ICEM Bucuresti.
- Membru in Comitetul de organizare si Chairman la Sesiunile de Comunicari si Conferintele organizate de Universitatea Valahia din Targoviste.
- Membru al Comitetelor de organizare si secretar al Sectiei Refractare din cadrul Sesiunilor de Comunicari Stiintifice CONSILOX
- Membru in Comitetul de organizare si Chairman la Cea de-a 7 a Conferinta Internationala de of Tehnologie a Betoanelor, 2008, Kuala Lumpur, Malaezia.
- Membru in Comitetul de organizare al Conferintei Internationale ARMICON, 2006, India.
- Chairman la Conferinta Internationala ARMICON, 2006, India.
- Chairman la 13<sup>th</sup> International Congress on Polymers in Concrete, Funchal – Madeira, Portugal, 2010.
- Chairman la 4th International Conference on Seismic Retrofitting, Tabriz, Iran, Mai, 2012.

## **Coordonarea de structuri profesional - stiintifice:**

- Sef Catedra Stiinta Materialelor la UVT din 2004.
- Director Adj. al Departamentului Materiale Echipamente Instalatii si Roboti in cadrul Facultatii Ingineria Materialelor Mecatronica si Robotica de la Universitatea Valahia din Targoviste.
- Expert evaluativ CNCSIS din 2003.
- Expert Evaluator in cadrul competitiei organizate de Programul Nationale Relansin – 2004 si Matnantech - 2001.
- Sef laborator (1988 - 2000) Materiale Refractare la ICEM Bucuresti.
- Director stiintific al Programelor de cercetare la ICEM Bucuresti 2001 – 2009.
- Membru al comitetului de evaluare-avizare a lucrarilor de cercetare la ICEM Bucuresti, 1985-2005.
- Membru al comitetului de evaluare-avizare a lucrarilor de cercetare UVT, 1995-2005.
- Membru in Comisii de sustinere a tezelor de doctorat, Universitatea Politehnica Bucuresti in 2001, 2003, 2006 si 2008.
- Membru al comitetului de evaluare-avizare a lucrarilor de cercetare UPB, 1995-1998.
- Presedinte (din partea ramana) al comisiei de cooperare stiintifica ICEM Bucuresti (Romania) – IMO Glivice (Polonia), 1987-2000.
- Presedinte (din partea ramana) al comisiei de cooperare stiintifica ICEM Bucuresti (Romania) – Magnohrom (Jugoslavia), 1987-2000.

### Afilieri profesionale:

- Executive Board Member of International Association for Concrete Technology (Membru al Comitetului Executiv al Asociației Internaționale de Tehnologie a Betoanelor - IATC), 2002,
- Membru fondator al Societății Române de Ceramica (SRC), 1990,
- Membru al Societății Române de Biomateriale (SRB), 2002,
- Membru fondator al Societății Române de Metalurgie (SRM), 1990.

### Titluri, distincții, premii:

- Certificat (Who'sWho Publications Board) de atestare a performanței profesionale didactice și științifice precum și recunoașterea contribuției la progresul societății contemporane, 2000-2001,
- International Scientist of the Year for 2001, IBC Cambridge,
- International Personality of the Year for 2000, IBC Cambridge,
- Intellectual of 20<sup>th</sup> Century, IBC Cambridge,
- International Man of the Year for 2001, IBC Cambridge,
- Scientist of the 20<sup>th</sup> Century – Second Edition,
- The Twentieth Century Award for Achievement, IBC Cambridge,
- The Twentieth Century Award for Achievement, IBC Cambridge,
- Outstanding people of the 20<sup>th</sup> Century - Second Edition, IBC Cambridge,
- Leader for the New Century – Barons Who's Who,
- Scholars of the 21<sup>st</sup> Century - IBC Cambridge,
- Intellectual of 21<sup>th</sup> Century, IBC Cambridge, Second Edition, IBC Cambridge,
- Scientist of the 21<sup>st</sup> Century, IBC Cambridge,
- 21<sup>st</sup> Century Award for Achievement, IBC Cambridge,
- Leading Scientist of the World, 2005, IBC Leading Professional of the World, Anglia,
- Man of the Year – 2006, ABI American Biographical Institute, Inc.
- Mențiune acordată de Societatea de Ceramica din Turcia, cu ocazia prezentării lucrării științifice *"Molybdenum Disilicide Obtaining Processes"*, prezentată la Cel de-al III Congres de Ceramic ECERS, Istanbul, Turcia, 1996,
- Premiul I acordat de Universitatea Balqa din Amman cu ocazia prezentării lucrării *"A New Binding System for Concrete"*, prezentată la Cea de-a 6-a Conferința Internațională de Tehnologie a Betoanelor, Amman, Iordania, Octombrie, 2002,
- Certificat de apreciere, Universitatea TENAGA NASIONAL, Malaezia, International Conference on Construction and Building Technology, ICCBT, Kuala Lumpur 2008.
- Premiul I ca nivel științific acordat la 4th International Conference on Seismic Retrofitting, Tabriz, Iran, Mai 2012 pentru lucrarea *Silica Fume Additivated Special Concretes*.

### Selectie de citari ale lucrarilor publicate:

1. "Realizari in fabricatie si utilizarea produselor refractare la captusirea cuptoarelor cu inductie pentru fonta". Cercetari Metalurgice, 20, 551-557, nr. 45, 1979. Lucrare citata de ing. Nicolae Deica in cartea "Utilizarea rationala a produselor refractare", Bucuresti, Ed. Tehnica, 1982, pg. 506.
2. "Studiu comparativ privind comportarea unor mase refractare in contact cu aluminiu topit". Cercetari Metalurgice 19, nr. 59, pg. 615, 1978. Lucrare citata de ing. Nicolae Deica in cartea "Utilizarea rationala a produselor refractare", Bucuresti, Ed. Tehnica, 1982, pg. 506.
3. "Comportare la autoclavizare a  $\gamma$  și  $\beta$   $2\text{CaO}\cdot\text{SiO}_2$ ". BIDT, Mat de Constructii nr. 2, 3, 1973. Lucrare citata de Prof. Ion Teoreanu in "Bazele tehnologiei liantilor", Bucuresti, Ed. Tehnica, 1975, pg. 341.
4. "Betoane cu dozaj redus de ciment". Teza de doctorat, Institutul Politehnic Bucuresti, 1983. Citata de Prof. Ion Teoreanu și Dr. Nicolae Ciocea in tratatul Tehnologia produselor ceramice și refractare, vol. II Ed. Tehnica, Bucuresti, 1985, pg. 203.
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26. "MoSi<sub>2</sub> Self – Purification through High- Temperature Synthesis". The 5<sup>th</sup> European Ceramic Society C Key Engineering Materials, Vols. 132-136, p. 806-809. Trans. Tech. Publications, Switzerland, 1997. Lucrare citata de Neacsu Mihai in Lucrearea de licenta Sinteza compusului intermetalic de tip MoSi<sub>2</sub>, I Valahia Targoviste, 2001,
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45. Tehnologii electrochimice – Aspecte fundamentale si procese, Ed. Stiintifica F.M.R., 2004, carte citata de KISS Imre, UNIVERSITATEA „POLITEHNICA” IN TIMIȘOARA, FACULTATEA DE INGINERIE DIN HUNEDOARA in cursul “OPTIMIZAREA FLUXURILOR TEHNOLOGICE DE PROCESARE LA CALD ” 2008.
46. Materiale metalice si nemetalice rezistente la coroziune, Ed. Stiintifica F.M.R., 2004, carte citata de KISS Imre, UNIVERSITATEA „POLITEHNICA” IN TIMIȘOARA, FACULTATEA DE INGINERIE DIN HUNEDOARA in cursul “OPTIMIZAREA FLUXURILOR TEHNOLOGICE DE PROCESARE LA CALD ” 2008.
47. Synthesis and characterization of hydroxyapatite nanopowders by chemical precipitation – citata in:
- [Caosite-hydroxyapatite composition as consolidating material for the chalk stone from Basarabi-Murfatlar churches ensemble](#) - [Rodica-Mariana Ion](#), [Daniela Turcanu-Carutiu](#), [Radu-Claudiu Fieras](#), [Applied Surface Science](#)
  - [Synthesis and Characterization of Calcium Phosphate Compounds with Strontium and Magnesium Ionic Substitutions](#)  
[Jose da Silva Rabelo Neto](#), [Thaiane Balesteri Knopf](#), [Marcio Ce](#)  
International Journal of Morphology 33(3):1189-1193 · September 2015
48. Materiale bioactive pe bază de fosfați de calciu - citata in:
- [Obtaining simple and doped phosphocalcic glasses by using sol-gel technique](#) - [D. Avram](#), [D.N. Ungureanu](#), [V. Bratu](#), [JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS](#)
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- [Protein-mediated hydroxyapatite composite layer formation on nanotubular titania](#) - [Candan Tamerler](#), [Ayten Yazgan Karatas](#), [Mustafa Urgen](#), [Gultekin Goller](#), [Eren Seckin](#), [Feride Sermin Utku](#), [Esra Yuca](#), [Bioinspired, Biomimetic and Nanobiomaterials](#)  
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