

CURRICULUM VITAE

First name Nicolae

Family name Angelescu

Nationality Romanian

Education . Polytechnica University Bucharest, in Engineering, 1972
. Doctorate, 1983.

Work Places *Metallurgical Research Institute (Res. Met. Inst. - ICEM) Bucharest*
. Technological Engineer 1972,
. Researcher 1975,
. Senior Scientist, 1985,
. Chief of Engineering Materials Laboratory, 1988 - 1996,
. Director of the National and International Research Programs, 1994 – 2012.
Valachia University of Targoviste
. Assoc Professor, 1996,
. Full Professor, 2000,
. Chief of Science Materials Chair at Valahia University, 2002,
. Deputy Director of MEIR Department at Valahia University, 2004 - 2012,
. PhD coordinator, from 2006.
Politehnica University Bucharest
. Assoc Professor, from 2002.

Didactic Activity
Professor for Advanced Ceramics, Engineering Materials (Cements, Concretes, Ceramics, Biomaterials) at Valahia University of Targoviste and Politehnica University Bucharest.

Doctoral, Master and Bachelor Papers Guided
Many Ph.D guided and guiding, bachelor and dissertation papers guided, also.
No of Ph.D Evaluated in Romania and Abroad – 28.

Member of editorial board
. The International Journal of Concrete Technology,
. The Journal The Scientific Bulletin of Valahia University Materials and Mechanics.

Member of the organizing committee of international scientific meetings

- . Member of the Organizing Committee and Chairman of the Conferences organized by ICEM Bucharest (1980 - 1990).
- . Member of the Organizing Committee and Chairman of the Conferences organized by the Valahia University of Targoviste (2003 - until now).
- . Member of the organizing committee and secretary of the Department of Refractories Sessions Scientific Communication CONSILOX, 1980.
- . Member of the Organizing Committee and Chairman at The 7th International Conference on Concrete Technology, 2008, Kuala Lumpur, Malaysia.
- . Member of the Organizing Committee and Chairman of the International Conference ARMICON, 2006, India.
- . Chairman of the 13th International Congress on Polymers in Concrete, Funchal – Madeira, Portugal, 2010.

Selected Grants

- . Refractory Materials, Romania, 1998,
- . Big Capacity Cement Factory Preheater Refractory Lining, Assiut, Egypt, 1989,
- . Low Cement Concretes, Romania, 1997
- . New refractory materials for steelmaking, 2008.
- . Special refractory materials for reducing environment, 2006.
- . Performance refractory technology for chemical and petrochemical industry, 2006.
- . Refractory concretes composition, 2004.
- . New binding system for monolithic refractories, 2001.

International research projects

- . Refractory Monolithic for Installation Tech. in Hot Climates, Assiut, Egypt, 1987.
- . Special Concretes for Assiut Cement Factory Preheater (Egypt), 1988.
- . Silica fume and alumina fine powders special refractory castables. Scientific research Project Romania-India (Parteners: Valahia University Targoviste and Metallurgical Research Institute Bucharest from ROMANIA and M.S.R. Institute of Technology Bangalore, INDIA), 2007.

European Projects

1. PREDEX, Cod POSDRU/CPP107/DMI1.5/S/77497, 2011 - 2013;
2. Cod POSDRU/ 88/1.5/S/63269, 2011 - 2013;
3. POSDRU 6/1.5/S/232011, 2010 -2012.

Some Related Activities

- . Scientifically Counsellor of Res. Met. Inst., from 1996,
- . Advisor of Valachia University, from 1995,

- . Advisor of Polytechnica University, 1995,
- . Directorship of Silicate and Oxide Materials Congress, Constanta, 1996,
- . Directorship of Annual International Metallurgical Conference, Bucharest, 1976-1990,
- . Member of Romanian Ceramic Society, Romanian Metall. Soc., Engr. National Council,
- . Doctorate Board Member of Politechnica University from Bucharest,
- . Member of executive board for International Association for Concrete Technology (IATC),
- . AASCIT Member (The American Association for Science and Technology - AASCIT), 2012.

Recognition

- American Who'sWho in Science and Engineering, 5th Edition, 2000-2001,
- American Who'sWho in Science and Engineering, 6th Edition, 2002-2003,
- American Who'sWho in Science and Engineering, 7th Edition, 2004,
- American Who'sWho in Science and Engineering, 8th Edition, 2005,
- American Who'sWho in Science and Engineering, 9th Edition, 2006,
- American Who'sWho in Science and Engineering, 10th Edition, 2007,
- American Who'sWho in the World, 17th Edition, 2000,
- American Who'sWho in the World, 18th Edition, 2001,
- American Who'sWho in the World, 19th Edition, 2002,
- American Who'sWho in the World, 20th Edition, 2003,
- American Who'sWho in the World, 21th Edition, 2004,
- Who'sWho in Finance and Industry 33rd Edition, 2002-2003, 34th Edition, 2004- 2005,
- Who'sWho in Finance and Business 33rd Edition, 2004-2005,
- Hubners Who is Who - Romanian Personalities Encyclopedia, 5th Edition, 2010.
- Dictionarul Personalitatilor din Romania, 2016.

Awards

- International Scientist of the Year for 2001, IBC Cambridge,
- International Personality of the Year for 2000, IBC Cambridge,
- Intellectual of 20th Century, IBC Cambridge,
- International Man of the Year for 2001, IBC Cambridge,
- Scientist of the 20th Century – Second Edition,
- The Twethiech Century Award for Achievement, IBC Cambridge,
- The Twethiech Century Award for Achievement, IBC Cambridge,
- Outstanding people of the 20th Century - Second Edition, IBC Cambridge,
- Leader for the New Century – Barons Who’s Who,
- Scholars of the 21ST Century - IBC Cambridge,
- Intellectual of 21th Century, IBC Cambridge, Second Edition, IBC Cambridge,

- Scientist of the 21st Century, IBC Cambridge,
- 21st 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.
- Doctor Honoris Causa

Scientific Research Activity

Fields of Fundamental Themes:

- . Silicate Cements,
- . Silicate Concretes,
- . Aluminous Cements,
- . Refractory Concretes,
- . Low and Ultra-Low Cement Concretes
- . Refractory Ram and Plast Masses,
- . Refractory Dry Masses,
- . Technical and Advanced Ceramics,
- . Ceramic Biomaterials,
- . Refractory Intermetallic Compounds,
- . Cermets,
- . Composites,
- . Refractory Monolithic Linings for Waste Incinerators and Power Plants,
- . Metallurgical powder.

Fields of Applicative Themes:

- . Silicate Cements,
- . Silicate Concretes,
- . Refractory Monolithic for Iron, Steel and Non-ferrous Industry,
- . High Alumina Concretes for Chemical and Petrochemical Industry,
- . Bioceramics (Hydroxyapatite, Bioglasses)
- . Ceramic Pieces for Thermocouples,
- . Monolithic Linings for Chemical and Petrochemical Installations,
- . Refractory Monolithic for Cement Plants (i.e. Preheater),
- . Refractory Monolithic Linings for Waste Incinerator and Power Plants,
- . Refractory Composites,
- . Raw Materials for Electrical Resistance Elements Type Silite and Superkanthal,
- . Monolithic Refractories for Steel Ladle.
- . Steel casting.

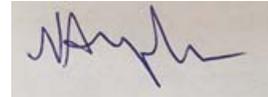
In above-mentioned fields I am holder of

- . 145 fundamental and applicative research projects,
- . 19 Patents (10 industrially applied),

- . Over 135 scientific communications,
- . Over 170 published works,
- . 9 speciality books and 2 lab guides.

February, 2026

Professor Nicolae Angelescu
PhD Coordinator
Doctor Honoris Causa

A rectangular box containing a handwritten signature in blue ink, which appears to be 'N. Angelescu'.

Journal of Pharmaceutical Research International

2020



Certificate No: SDI/HQ/PR/Cert/59706/NIC

Certificate of Excellence in Reviewing

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University from Targoviste, Romania

In recognition of an outstanding contribution to the quality of the journal.

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Journal of Advances in Biology & Biotechnology

Certificate No: SDI/HQ/PR/Cert/64916/NIC



2021

Certificate of Excellence in Reviewing

awarded to

Nicolae Angelescu

Valahia University from Targoviste, Romania

In recognition of an outstanding contribution to the quality of the journal.

A handwritten signature in blue ink, appearing to read 'M. Basumondal'.

Dr. M Basumondal
Chief Managing Editor

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A fost selectată și publicată integral în Ediția Premium:
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Biografii Contemporane"** și transmisă astfel generațiilor viitoare
ca o dovadă contemporană a progresului de conștiință a neamului
românesc.

ANGELESCU NICOLAE

T.P. Ing. chimist / prof. univ. dr. ing., Fac. Ing. Materialelor și Mecanicii, Univ. "Valahia" Târgoviște, LRN: 22.05.1947; ND: Iarna, Cluj, 1977 - Lupa Iarna / 1979 - Valeni George, PB: Ghiorghie / Anu, EB: 1996 - LA: "Al. Odobescu" Pitești, 1972 - Fac. Chimia Ind., 9^o 1983 - Doctor Ing., EP: 1972 - 1985, cercetător științific / CS: gr. III / CS: gr. II / 1985 - 2002, CS: gr. I, CSEM Buc., 1985 - 1996, prof. lector / 1996 - 2002, conf. univ. dr. ing. / 2002 - prof. univ. dr. ing., Fac. Ing. Materialelor și Mecanicii, Univ. "Valahia" Târgoviște; RD: 17 (membri de onoare); 9 (89) de aplic. publ. ca autor / coautor; peste 144 art. științifice publ. în rev. de specialitate / înserate; PB: 2002 - "Materiale compozite cu țesături carbonice"; 2002 - "Materiale speciale și aplicații de țesături carbonice"; 2002 - "Șișturarea de metale în - material cu proprietăți anticorozive și reactive"; 2002 - "Construcția și protecția anticorozivă a materialelor metalice"; 2002 - "Tehnologii electrochimice - aspecte fundamentale și procese"; Pr: 2002 - Premiul I, Univ. Ștefan Iordăneanu, M. membru Asoc. Internaț. de Tehnologie și Științelor / Soc. Română de Cereamică / Soc. Română de Biotehnologie / Soc. Română de Metalurgie și mecanică; Membru, laborator, colaborator, L. engleză, ruse, franceză; nicolae.anghlescu@proton.ro

Asoc. ECO-EUROPA
Președinte



1 Decembrie 2018

PREMIUM PEOPLE - HALL OF FAME



Acordarea Premiului I la sustinerea lucrarii stiintifice *A New Binding System for Concrete*.
Cea de-a 6 – a Conferinta Internationala de Tehnologia Betoanelor, Amman, Iordania,
2002.



Prezentarea lucrarii stiintifice *Theoretical Fundaments and Applications about Special Additivated Concretes*, International Conference on Construction and Building Technology,
- ICCBT 2008, Kuala Lumpur, Malaezia, Iunie, 2008.



New Special Concretes, University of Kentucky, WOCA 2007, SUA, 2007



Conferinta Internationala de Chimia Starii Solide, 2009, Playa del Carmen, Cancun, Mexico



Conference at Sri Jayachamarajendra College of Engineering, Mysore, INDIA, 2008



Chairman of scientific section for 13th International Congress on Polymers in Concrete, Funchal – Madeira, Portugal, 2010



Fib – days 2008, International Conference, Bangalore, India



With the students from the University of Tabriz and the Prize awarded to the work Silica Fume Additivated Special Concretes, presented at the 4th International Conference on Seismic Retrofitting, Tabriz, Iran, 2012.

CERTIFICATE OF PARTICIPATION

The SCCC2010 Organizing Committee
extends its sincere appreciation to

Nicolae Angelescu

for attending the SCCC2010 Conference

SCCC2010

M O N T R E A L
DESIGN, PRODUCTION, AND PLACEMENT OF SCC
Sept. 26-29, 2010 - Le Centre Sheraton Montreal Hotel



UNIVERSITÉ DE
SHERBROOKE



Kamal H. Khayat
Chair, SCCC2010

6th International RILEM Symposium on SCC and 4th North American Conference on the Design and Use of SCC - September 26-29, 2010 - Montreal, Canada

LISTA DE LUCRARI

1⁰ TEZA DE DOCTORAT

Nicolae Angelescu – *Betoane cu dozaj redus de ciment*. Institutul Politehnic Bucuresti, Facultatea de Chimie Industrială, Catedra Tehnologia Silicatilor si a Compusilor Oxidici, pp. 1 – 200, Bucuresti, 1983.

2⁰ CARȚI PUBLICATE

2.1. Carti publicate in edituri recunoscute:

1. Avram, D., Ungureanu, **D.N.**, **Angelescu, N.** – *Biomateriale ceramice pe bază de fosfați de calciu*, Ed. Valahia University 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 anticorozive 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., Bucuresti, ISBN 973 - 8185 – 06 – 6, pp. 1- 294, 2002.
8. **Angelescu, N.** - *Materiale metalice și nemetalice rezistente la coroziune*. Editura Științifică F.M.R., Bucuresti, 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 si 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 si protectia materialelor*. Ghid de laborator, Universitatea Valahia Targoviste, Editura Macarie, ISBN 973 – 9372 – 93 – 8, pp. 1-106, 1999.

3⁰ ARTICOLE SI BREVETE

3.1. Articole publicate

3.1.1. Articole publicate in reviste sau culegeri de conferinte cotate ISI si/sau indexate de Thomson Scientific

1. Toma, F. M., Stoian, E. V., **Angelescu, N.** – *Studies regarding the role of powder used in the continuous molding of alloys*. Polish Polar Research Journal, 43(6), pp. 2-9, 2022.
2. Toma Florin Marian, **Angelescu Nicolae**, Stoian Elena Valentina - *Blast furnace slags recovery at continuous steel casting*. Polish Polar Research Journal, 42(2) 2021, pp. 20 – 25.

3. D. Avram, D.N. Ungureanu, N. **Angelescu**, I. Ioniță, E. C. Popescu - *The bioactivity assessment of silver-doped phosphocalcic glasses*, International Conference SPIE ATOM-N-2018, 23-25 august, Constanta, PDF: 8 pages, Proc. SPIE 10977, Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies IX, 109770D, (ISI indexed), 31 December 2018-January 2019, DOI: 10.1117/12.2323596.
4. Avram, D., **Angelescu**, N., Ungureanu, D., Ionita, I., Gheboianu, A., Bancuta, L., Popescu, E. C. - *The structural and compositional evaluation of some calcium phosphate glasses with bioactive potential*. Revista de Chimie, 69, Nr. 6, 2018.
5. Avram, D., **Angelescu**, N., Ungureanu, D., Ionita, I., Gheboianu, A., Bancuta, L. - *Study of phosphocalcic glasses SiO₂–CaO - P₂O₅ system with and without silver I. Synthesis of glasses and characterization by WD – XRD*. Revista de Chimie, 68, Nr. 5, 2017.
6. Avram, D., **Angelescu**, N., Ungureanu, D., Bratu, V. Ionita, I., Gheboianu, A., Lungulescu, E.,M. - *Study of phosphocalcic glasses SiO₂–CaO - P₂O₅ system with and without silver II. The bioactivity analisis by FTIR, SEM methods and microbiological study of silver- doped glasses*. Revista de Chimie, 68, Nr. 6, 2017.
7. Avram, D., **Angelescu**, N., Ungureanu, D., Bratu, V., Gheboianu, A., Bancuță, Setnescu, T. - *Study on bioactivity of phosphocalcic glasses*, Journal of Optoelectronics and Advanced Materials, Vol. 18, No. 7-8, July - August 2016, p. 691 – 696.
8. 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.
9. **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.
10. 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.
11. Ungureanu, D., **Angelescu**, N., Catangiu, A., Bratu, V., Despa, V., Anghelina, V., Tsakiris, V., Marinescu, V. - *In vitro structural changes on the surface of SiO₂ – CaO – P₂O₅ bioactive glasses*. Journal of Optoelectronics and Advanced Materials (JOAM), Vol. 15, No. 7-8, July - August 2013, p. 744 – 749. Lucrare prezentata la BRAMAT2013.
12. 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 ICPIC International Congresses on Polymers in Concrete, Shanghai (China), 2013.
13. Ion, I., Stanciu, D., Barosso, J. A., **Angelescu**, N. - *Polymer concrete, correlations between properties*. Metalurgia International, Vol. XVIII(5), p. 236-249, 2013.
14. 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.
15. Abdelgader, H. S., Segayer, A. M., Fahema, A. H., El-Baden, A.S., **Angelescu**, N. – *Mechanical Properties of Two-Stage (Pre-Placed Aggregate) Concrete*. Proceedings

- of The International Conference on Advances in Cement and Concrete in Africa, ACCTA 2013, Johannesburg, South Africa, 2013, pp. 351 – 359.
16. Ionita, C., **Angelescu, N.** Abdelgader, H. S., Bratu, V., Stanciu, D., Ion, I. - *The influence of hydration on the mechanical strength of the high aluminous cement.* Proceedings of The International Conference on Advances in Cement and Concrete in Africa, ACCTA 2013, Johannesburg, South Africa, 2013, pp. 961 – 968.
 17. **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.
 18. **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.
 19. 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.
 20. 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.
 21. 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.
 22. **Angelescu, N.**, Ungureanu, D., Catangiu, A. - *Synthesis of Crystalline Hydroxyapatite Prepared from Aqueous Solutions.* Revista de Chimie, 62, Nr. 7, 702-706, 2011.
 23. **Angelescu, N.**, Ungureanu, D., Catangiu, A., Bratu, V., Anghelina, V. – *Synthesis and characteraerization of Hydroxyapatite Powders obtained by Wet Chemical Method.* Metalurgia International, Vol. XVI(4), p. 125-128, 2011. (*Lucrare prezentata la 7th International Conf. on Materials Science & Engineering BRAMAT, Brasov, 2011.*)
 24. **Angelescu, N.**, Muntean, M., Ionita, C. - *Noi betoane refractare speciale.* Revista Romana de Materiale, 40 (3), pag. 193-202, 2010.
 25. **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.
 26. **Angelescu, N.**, Paunescu, L., Surugiu, G. – *Thermal Conductivity Reduction – Basic Requirements of Performance Refractory Linings.* Metalurgia International, Vol. XV(8), p. 48-54, 2010.
 27. **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.
 28. **Angelescu, N.**, Paunescu, L. – *Researches in View of Heat Losses Reduction through the Insulation of the Casting Ladles.* Metalurgia Internat, Vol. XIV(9), p. 33-38, 2009.
 29. **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.
 30. **Angelescu, N.**, Rizescu C. - *Cobalt and its compounds.* www.Environmental - Expert.com Articles & Case Studies, Health & Safety, published May 29, 2007.
 31. **Angelescu, N. s.a.** - *Consideratii privind sinteza MoSi₂ si obtinerea compozitelor*

- ceramometalice cu faza ceramica din alumina rezistente la coroziune*. Revista de Chimie, 58, Nr. 12, 1239-1243, 2007.
32. **Angelescu, N.** - *MoSi₂ – Al₂O₃ Cermet Type*. Seventh ECERS, Brugge, Belgium, 2001 (Publicat in 2002). Key Engineering Materials, Trans Tech Publications, Switzerland • Germany • UK • USA, Vols. 206-213, pp. 665-668, ISBN 0-87849-882-6, 2002.
 33. **Angelescu, N.** - *Some Considerations Regarding MoSi₂ Synthesis*. Ceramics International, 24(1), pp. 73-76, 1998, ISSN 0272-8842.
 34. Oprea, F., **Angelescu, N.** - *MoSi₂ Self - Purification through High – Temperature Synthesis*. The 5th European Ceramic Society Conference. Key Engineering Materials, Trans. Tech. Publications, Switzerland, Vols. 132-136, pp. 806 – 809, 1997.
 35. Teoreanu, I., **Angelescu, N.**, Tuclea, D. - *La cinetique de la hydratation du ciment alumineux CA-CA₂ et la composition de ses produits de hydratation*. Revue Roumain de Chimie, Academia Romaniei, 29(1), pp. 113-120, 1984, ISSN 0035-4090.

3.1.2. Articole publicate in reviste de specialitate

1. Florin Marian Toma, Elena Valentina Stoian, **Nicolae Angelescu** and Dan Nicolae Ungureanu - The Role of Powder Used in the Continuous Molding of Alloys. The Scientific Bulletin of VALAHIA University-MATERIALS and MECHANICS – Vol. 20, No. 22, 2024, DOI 10.2478/bsmm-2024-0004, p. 19-24
2. **Nicolae Angelescu**, Daniela Grigorescu and Dan Nicolae Ungureanu - Silver Nanoparticles in Food Bio Packaging. A Short Review. The Scientific Bulletin of VALAHIA University-MATERIALS and MECHANICS –Vol. 20 , No. 22, 2024 DOI 10.2478/bsmm-2024-0006, p. 30-34
3. Daniela Grigorescu, **Nicolae Angelescu** - *New materials with antimicrobial nanoparticles for food packaging: A brief review*. TRENDS IN CHEMICAL ENGINEERING, vol. 21, Pages 55 - 63, 2023.
4. Dan Nicolae Ungureanu, Daniela Avram, **Nicolae Angelescu**, Adrian Catangiu, Ileana Nicoleta Popescu and Florina Violeta Anghelina - *The Effect of Some Process Parameters in the Synthesis of Ceramics Based on Calcium and Phosphorus*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.2478/bsmm - 2023-0008, Volume 19, Issue 20 (April 2023), p. 53 – 56.
5. Dan Nicolae Ungureanu, **Nicolae Angelescu**, Adrian Catangiu, Daniela Avram, Florina Violeta Anghelina and Ileana Nicoleta Popescu – *Synthesis of Ceramic Biomaterials Based on Calcium and Phosphorus from Aqueous Solutions*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.2478/bsmm-2019-0014, Volume 17, Issue 17 (March 2020), p.23 – 26.
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