

FISA DE EVALUARE GENERALA A STANDARDELOR UNIVERSITATII (ANEXA 1)

I. Activitatea de cercetare

I.1. Articole stiintifice publicate *in extenso* in reviste cotate *Web of Science* cu factor de impact (60 pcte x factor de impact + 25)/nr autori

1. Grigoriu A.M., Luca C., **Vrinceanu N.**, Ciolacu F., *Inclusion compounds of monochlorotriazinyl- β -cyclodextrin grafted on a paper support*, Cellulose Chemistry and Technology, 45(3-4), 2011, pp. 177-183, ISSN 0576-9787 (WOS:000292347400006) FI= 0,35439;

18,625

2. Ion Sandu, **Narcisa Vrinceanu**, Diana Coman, Study of surface modifications of wool fabrics by UV excimer laser irradiation treatment, în REVISTA DE CHIMIE, București (ISSN 0034 -7752), vol. 60, 9, p. 944-948, (2009); Impact Factor = 0,389, (regular paper); FI = 0,389;

16,11333333333333

3. **Narcisa Vrinceanu**, Ion Sandu, Aurelia Grigoriu, Diana Coman, Costas Fotakis, Paraskevi Pouli, Analytical studies of contaminated documents cleaned by Nd:YAG laser treatment, REVISTA DE CHIMIE, București (ISSN 0034-7752), vol. 60, 3, p. 231-236, (2009) (regular paper); FI=0,389;

8,056666666666667

4. **Narcisa Vrinceanu**, Mihaela Avadanei, Sorin Ciovica, Virgil Barboiu, George Ervant Grigoriu, 1, 2 – Polybutadiene, a Potential Filtering Material for Photostabilization and Photoprotection of Cellulosic Supports, CELL. CHEM. TECHN., Iasi, 39 (5-6), p. 423-436, 2005 (regular paper); FI=0,35

9,2

I.3. Articole stiintifice publicate *in extenso* in reviste indexate BDI (15 pcte/nr. de autori)

I.3.1. Ion Sandu, Viorica Vasilache, Mikiko Hayashi, **Narcisa Vrinceanu**, Adelina Ciocan, Andrei Victor Sandu, The conservability of old wood at the contact with metallic structural components from artifacts, THE ANNALS OF "DUNAREA DE JOS" University of Galati, Fascicle IX, Metallurgy and Material Science 25/30, p. 21-28, 2009.

2,5

I.3.2. **Vrinceanu N.**, Coman D., Sandu I., Grigoriu A., Vasilache V.: "UV Laser Applicability in Study of Accelerated Ageing of Cellulosic Supports", *Buletinul Institutului Politehnic din Iasi, Bulletin of the Polytechnic Institute of Iasi*, Section Chemistry and Chemical Engineering, Tom LV (LIX), Fasc. 4, 149-155 (2009), ISSN 0254-7104, indexat **IndexCopernicus**

3

I.3.3. Sandu I., Vasilache V., Narcisa VRINCEANU: "Environmental technologies in the field of scientific conservation of cultural heritage. New perspectives and directions of research", *Present Environment and Sustainable Development*, nr. 3, pp.97-105. 2009, ISSN 1843-5971 (Printed version) ISSN 2284 - 7820 (online); <http://www.pesd.ro/Pesd%20vol%203%20-%202009.html>; international Journal Indexed IDB by: [Index Copernicus](#), [Doaj](#), [EBSCO](#), [Genamics](#), [UlrichsWeb](#), [Google Scholar](#), Scipio (<http://www.pesd.ro/>)

5

I.4. Articole stiintifice publicate *in extenso* in volumele conferintelor (5 pcte/nr autori)

I.4.1. Ion Sandu, Viorica Vasilache, **Narcisa Vrinceanu**, Vasile Cotiuga, A.C. Ciocan, „*Atributele autentificarii artefactelor vechi si sisteme analitice de investigare stiintifica*”, Sesiunea Stiintifica Internationala AFACERILE INTERNE SI JUSTITIA IN PROCESUL INTEGRARII EUROPENE SI GLOBALIZARII, Sectiunea FORENSIC SCIENCE, Ed. ProUniversitaria (ISSN 2066-995X), Bucuresti, p. 319-324, 2009;

1

I.4.2. Ion Sandu, **Narcisa Vrinceanu**, Adeline Camelia Ciocan, Vasile Cotiuga, „*Tendinte actuale privind conservarea stiintifica a documentelor vechi*”, Sesiunea Stiintifica Internationala AFACERILE INTERNE SI JUSTITIA IN PROCESUL INTEGRARII EUROPENE SI GLOBALIZARII, Sectiunea ARHIVISTICS, Ed. ProUniversitaria (ISSN 2066-995X), Bucuresti, 2009, p. 633-639;

1,25

I.4.3. Ion Sandu, **Narcisa Vrinceanu**, Viorica Vasilache, Adeline Ciocan, Vasile Cotiuga, „*Metode si tehnici neinvazive utilizate in autentificarea artefactelor*”, in Sesiunea Stiintifica Internationala AFACERILE INTERNE SI JUSTITIA IN PROCESUL INTEGRARII EUROPENE SI GLOBALIZARII, (ISSN: 2066-995X), Bucuresti, p.777 – 784, 2009;

1

I.4.4. Ioan Gabriel Sandu, Mikiko Hayashi, Ion Sandu, Viorica Vasilache, **Narcisa Vrinceanu**, Adeline Ciocan, „*The impact of old wood at the contact with metallic structural components from artifacts*”, Proceedings of the International Conference WOOD SCIENCE AND ENGINEERING IN THE THIRD MILLENIUM ICWSE 2009, Ed. Universitatii “Transilvania” din Brasov, (ISSN 1843 – 2689), p. 479 – 485, 2009;

0,83

I.4.5. **Narcisa Vrinceanu**; Aurelia Grigoriu, Diana Coman, Costas Fotakis, „*Modern laser cleaning systems for ancient textiles*”, Catalogul EUROINVENT – EXPOZITIA EUROPEANA A CREATIVITATII SI INOVARII, Iasi, (ISBN: 978-973-702-641-5), p. 137 – 142, 2009;

1,25

I.4.6. F. M. Fluturelu, Ioan Gabriel Sandu, **Narcisa Vrinceanu**, „*The Harmonization of inventions law on the intellectual and industrial property* „ Catalogul EUROINVENT – EXPOZITIA EUROPEANA A CREATIVITATII SI INOVARII, Iasi, (ISBN: 978-973-702-641-5), p. 119 – 123, 2009;

1,66

I.4.7. **Narcisa Vrinceanu**, Vasile Blascu, Ion Sandu, Aurelia Grigoriu, „*Studies of some laser cleaning treatments of copper and silver threads in museum textiles*”, Conferinta Internationala ARTCAST 2008, Galati, ISBN: 978-973-7845-94-8, p. 141-145, 2008;

1,25

I.4.8. Irina Crina Sandu, Vasile Vasilache, Ion Sandu, **Narcisa Vrinceanu**, Ioan Gabriel Sandu, „*New aspects on Cultural Heritage Nomenclature*”, The 2nd International Conference of Advanced Materials and Systems ICAMS 2008, Ed. CERTEX (ISBN 978-973-1716-40-4), Bucuresti, p. 473-477, 2008;

1,25

I.4.9. **Narcisa Vrinceanu**, Diana Coman, Aurelia Grigoriu, Ion Sandu, Viorica Vasilache, „*Modificarea hidrofiliiei unor suprafețe de materiale textile din fibre poliamidice, prin tratament laser UV excimer*”, Materiale si procese inovative, Iasi, p. 98, 2008;

1

I.4.10. Viorica Vasilache, Constantin Luca, Ioan Sandu, **Narcisa Vrinceanu**, „*Analiza colorimetrică privind degradarea obiectelor din lemn policrom, sub influența umidității*”, Materiale si procese inovative, Iasi, p. 94, 2008;

1,25

I.4.11. **Narcisa Vrinceanu**, Aurelia Grigoriu, Sorin Ciovica, Kristalia Melessanaki, Paraskevi Pouli, Costas Fotalis, „*Laser assisting cleaning of soil from cellulose supports*”, International Conference Directions in Preventive Conservation, Sibiu, septembrie, 2007;

0,83

I.4.12. **Narcisa Vrinceanu**, Aurelia Grigoriu, Sorin Ciovica, Vasile Blascu, Aglos Demetrios, Kristalia Melessanaki, Paraskevi Pouli, Costas Fotakis, Mihaela Puiu, „*Studies on laser cleaning of paper using Nd:Yag laser running at 532 nm*”, A VIII-a ediție a Simpozionului “Conservarea și Restaurarea Patrimoniului Cultural”, TABOR, p. 89, 2007, Iasi.

0,55

I.4.13. **Narcisa Vrinceanu**, Th. Măluțan, Alina Șovan, Aurelia Grigoriu, Sorin N. Ciovică, „*Evaluarea îmbătrânirii accelerate a materialelor celulozice prin spectroscopie de fluorescență*”, Sesiunea Națională de comunicări științifice “PRODUSE ȘI TEHNOLOGII PENTRU CONSERVAREA PATRIMONIULUI CULTURAL ȘI ISTORIC”, Iași, 2006;

1

I.4.14. **Narcisa Vrinceanu**, Mihaela Avadanei, Sorin Ciovica, Virgil Barboiu, George Ervant Grigoriu, "*Stabilization and protection of cellulosic supports with a photosensitive polymeric system*", in **Proceedings of the sixth Infrared and Raman Users Group Conference (IRUG 6)**, p. 142, 2004;

1

I.4.15. **Narcisa Vrinceanu**, Manfred Mayer, "*The Conservation Treatment of a Sheet (Fragment) of Paper belonging to a Book-Cover from 14th Century, by Suction Table Casting*", in **The 5th EC Conference Cultural Heritage Research: a Pan European Challenge**, p. 202, 2003;

2,5

I.4.16. **Narcisa Vrinceanu**, Manfred Mayer, „*The Conservation Treatment of a Sheet (Fragment) of Paper belonging to a Book-Cover from 14th Century, by Suction Table Casting*”, The 5th EC Conference Cultural Heritage Research: a Pan European Challenge, 2002;

I.4.17. **Narcisa Vrinceanu**, Elena Piri, Aurelia Grigoriu, „*Tratamentul pe baza de fitati aplicat pentru coroziune cauzata de cernelurile fero-galice*”, Conferinta Restaurare 2000, Complexul Muzeal, Palatul Culturii, Iasi, 2000.

1,66

I.5. Carti stiintifice publicate in edituri academice nationale (50 pcte/100 pag)

I.5.1. Melentina Bazgan, **Narcisa Vrinceanu**, „*Elemente fundamentale de biblioteconomie generala: muzeologie, arheologie si documentaristica*”, Ed. Performantica (ISBN 978-973-772-9), Iasi, 110 pg, 2010.

50

I.5.2.Narcisa Vrinceanu, "*Metode neconvenționale pentru stabilizarea suporturilor celulozice*", Ed. Performantica (ISBN 978-973-730-469-8), Iași, 225 pagini, 2009, FIN = 2,25x0,2/1=0,450;

112,5

I.5.3.Narcisa Vrinceanu, Aurelia Grigoriu, Sorin Ciovica, Diana Coman, "*Metode de investigații a obiectelor din patrimoniul cultural*", Ed. Tehnopress, ISBN: 973-8377-77-3), Iasi, 203 pg., 2003.

100

I.9. Contracte de cercetare stiintifica in institutii academice (universitati, institute de cercetare din strainatate, alte categorii de institute academice)

I.9.1. Contract de Cercetare ULF (Users Laser Facility), 2005 Creta, Heraklion, Grecia (10000 Euro) – membru (10 pcte);

I.9.2. Contract de cooperare bilaterala "THE INFLUENCE OF LASER IRRADIATION ON THE ORGANIC COMPONENTS OF HISTORIC MANUSCRIPTS" cu IESL (Institute of Electronic Structure and Lasers)- Heraklion, Creta, Grecia, 2005-2008 (50.000 Euro) –membru (16,66 pcte)

I.9.3. Grant tip A, Cod CNCISIS 423, IDEI, Tema nr. 423, Contract nr. 127/01.10.2007, *SISTEME INOVATIVE DE INVESTIGARE ȘTIINȚIFICĂ ȘI CONSERVARE INTEGRATĂ ÎN VEDEREA VALORIFICĂRII ȘI TEZAUORIZĂRII PATRIMONIULUI CULTURAL* (1.000.000 RON) – membru (16,66 pcte)

I.11. Brevete (30 pcte/nr autori)

Irina Crina Anca Sandu, Viorica Vasilache, Ion Sandu, **Narcisa Vrinceanu**, Ioan gabriel Sandu, Adeline Cameila Ciocan, Andrei Victor Sandu, „*Procedeu de prezervare activă a lemnului vechi îmbibat în apă*”, Dosar OSIM RO 126102 A2/2009;
<http://pub.osim.ro/publication-server/pdf-document?PN=RO126102%20RO%20126102&iDocId=861&iepatch=.pdf>

4,285

I.12. Citari si recenzii ale lucrarilor stiintifice (5+10xFI)/nr. autori, ptr fiecare citare

In BDI

I.12.1. GRIGORIU A.M., LUCA C., VRINCEANU N., CIOLACU F., *Inclusion compounds of monochlorotriazinyl-β-cyclodextrin grafted on a paper support*, Cellulose Chemistry and Technology, 45(3-4), 2011, pp. 177-183, ISSN 0576-9787 (WOS:000292347400006) FI= 0,35439

2,125x2=4,25

I.12.2. **Narcisa Vrinceanu**, Mihaela Avadanei, Sorin Ciovica, Virgil Barboiu, George Ervant Grigoriu, 1, 2 – Polybutadiene, a Potential Filtering Material for Photostabilization and Photoprotection of Cellulosic Supports, CELL. CHEM. TECHN., Iasi, 39 (5-6), p. 423-436, 2005 (regular paper); FI=0,35

1,7

In ISI

1. Grigoriu A.M., Luca C., **Vrinceanu N.**, Ciolacu F., *Inclusion compounds of monochlorotriazinyl-β-cyclodextrin grafted on a paper support*, Cellulose Chemistry and Technology, 45(3-4), 2011, pp. 177-183, ISSN 0576-9787 (WOS:000292347400006) FI= 0,35439; **(citata de trei ori:**

1. Beta-Cyclodextrin Grafted Cellulose and Cationic Starch for Antibacterial Paper Products: A Comparative Study, Dong, Chao; Li, Cuiyu; Xiao, Huining; et al., BIORESOURCES Volume: 9 Issue: 2 Pages: 3580-3590 Published: 2014 **4,25**

2. Inclusion Complexes Of Promethazine With Monochlorotriazinyl-Beta-Cyclodextrin, Popescu, Octavian; Grigoriu, Aurelia, CELLULOSE CHEMISTRY AND TECHNOLOGY Volume: 46 Issue: 5-6 Pages: 295-300 Published: JUN-JUL 2012 **2,125**
3. Filtering Media Functionalized With Monochlorotriazinyl-Beta-Cyclodextrin, Luca, Constantin; Grigoriu, Ana-Maria; Ciolacu, Florin, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 11 Issue: 1 Pages: 125-132 Published: JAN 2012 **2,125**

8.5

2. Ion Sandu, **Narcisa Vrinceanu**, Diana Coman, Study of surface modifications of wool fabrics by UV excimer laser irradiation treatment, în REVISTA DE CHIMIE, București (ISSN 0034 -7752), vol. 60, 9, p. 944-948, (2009); Impact Factor = 0,389, (regular paper); FI = 0,389; **(citata de trei ori)**

1. The Rheology of Silylcellulosic Derivatives Solutions Used for Tissue Regeneration II. Triphenylsilylcellulose, Bontea, Danut; Sandu, Ion; Iordache, Constantin; et al., REVISTA DE CHIMIE Volume: 63 Issue: 6 Pages: 587-590 Published: JUN 2012
2. The Use of Pekoflam DPN for Fireproofing Cotton Textile Materials, Gherasimescu, Catalin; Sandu, Ion; Ciocan, Adeline-Camelia; et al., REVISTA DE CHIMIE Volume: 63 Issue: 2 Pages: 212-216 Published: FEB 2012
3. Rheology of Silylcellulosic Derivatives Solutions used for Tissue Regeneration I. Trimethylsilylcellulose, Bontea, Danut; Iordache, Constantin; Bontea, Amalia Maria; et al., REVISTA DE CHIMIE Volume: 62 Issue: 12 Pages: 1161-1164 Published: DEC 2011

8.8

Narcisa Vrinceanu, Ion Sandu, Aurelia Grigoriu, Diana Coman, Costas Fotakis, Paraskevi Pouli, Analytical studies of contaminated documents cleaned by Nd:YAG laser treatment, REVISTA DE CHIMIE, București (ISSN 0034-7752), vol. 60, 3, p. 231-236, (2009) (regular paper); FI=0,389 **(citata o data: Modeling and Simulation of Monochlorotriazinyl-beta-cyclodextrin Paper Grafting by Artificial Neural Network**, Luca, Constantin; Grigoriu, Ana-Maria; Diaconescu, Rodica Mariana; et al., REVISTA DE CHIMIE Volume: 62 Issue: 10 Pages: 1033-1038 Published: OCT 2011 **1,46666666666667**

Narcisa Vrinceanu, Mihaela Avadanei, Sorin Ciovisa, Virgil Barboiu, George Ervant Grigoriu, 1, 2 – Polybutadiene, a Potential Filtering Material for Photostabilization and Photoprotection of Cellulosic Supports, CELL. CHEM. TECHN., Iasi, 39 (5-6), p. 423-436, 2005 (regular paper); FI=0,35 **(citata o data: Luca, C., Grigoriu, A.M., Diaconescu, R., “Modeling and Simulation of Monochlorotriazinyl-beta-cyclodextrin Paper Grafting by Artificial Neural Network”; et al., Revista De Chimie, Vol. 62 nr.: 10 Pages: 1033-1038 Published: OCT 2011 **1.7****

I.16. Premii internationale obtinute printr-un proces de selectie (100 pcte/nr. persoane)

I.16.1. Medalie de aur, la **Salonul Internațional de Invenții New Times, Mejdunarodnîi Salon Izobretenii i Novîh Tehnologhii „Novoe Vreame”**, Sevastopol, 24-26 Septembrie 2009. **14,28571428571429**

I.16.2. Medalie de bronz la Croatian Invention Show, INOVA 2009, 12-16 nov.2009, Zagreb **100 pcte**

114,2857142857143

I.18. Alte premii nationale ale institutiilor (20 pcte/nr. autori)

I.18.1. Narcisa Vrinceanu, Ion Sandu, Aurelia Grigoriu, Diana Coman, Costas Fotakis, Paraskevi Pouli, Analytical studies of contaminated documents cleaned by Nd:YAG laser treatment, REVISTA DE CHIMIE, București (ISSN 0034-7752), vol. 60, 3, (2009), p. 231-236; Impact Factor = 0,389, Author Factor = 0,065 (regular paper);

PREMIEREA REZULTATELOR CERCETARII_ARTICOLE_ETAPA II_2009 ORGANIZATA DE CNCSIS:

3,33

I.18.2. Ion Sandu, Narcisa Vrinceanu, Diana Coman, Study of surface modifications of wool fabrics by UV excimer laser irradiation treatment, în REVISTA DE CHIMIE, București (ISSN 0034 -7752), vol. 60, 9 (2009), p. 944-948; Impact Factor = 0,389, Author Factor = 0,129 (regular paper);

6,66

I.19. Participari la manifestari stiintifice nationale - membru comitet organizare

I.19.1. **EUROINVENT - EXPOZITIA EUROPEANA A CREATIVITATII SI INOVARII**, Iasi, 2009 - **5 pcte**

TOTAL = 547,5617142857143