

Gradul de indeplinire al standardelor specifice minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior

1. Comisia: **COMISIA ELECTRONICĂ, TELECOMUNICAȚII ȘI NANOTEHNOLOGIE**
2. Enumerarea criteriilor și a modului de îndeplinire a acestora

Activitatea didactică și profesională (A1) 1.1. Cărți și capitole în cărți de specialitate (min 1 carte) 1.1.1. Internaționale	Indicatori (Kpi)	Punctaj obținut
1. Floroian L., Popescu A., Serban N., Mihailescu I. N., <i>Polymer-Bioglass Composite Coatings: A Promising Alternative For Advanced Biomedical Implants</i> , in John Cuppoletti (Ed.), <i>Metal, Ceramic and Polymeric Composites for Various Uses</i> , INTECH, 2011, 28 pg., ISBN 978-953-307-353-8, http://www.intechopen.com/books/metal-ceramic-and-polymeric-composites-for-various-uses/polymer-bioglass-composite-coatings-a-promising-alternative-for-advanced-biomedical-implants	100/4*nr. autori	6,25
2. Floroian D., Floroian L., <i>Hardware and software systems for variables and automatic register monitoring in embedded systems</i> , in <i>New trends in monitoring and diagnosis for health sciences</i> , ed. Lambert Academic Publishing, M. Badea, L. Floroian (eds.), 2015, ISBN: 978-3-659-77699-1.	50/4*nr. autori	12,50
3. Iordache N., Jufa A., Irimie M., Idomir M., Pascu A., Floroian L., Nunes G.S., Badea M., <i>The ultraviolet radiation effects on biological systems</i> , in <i>New trends in monitoring and diagnosis for health sciences</i> , ed. Lambert Academic Publishing, M. Badea, L. Floroian (eds.), 2015, ISBN: 978-3-659-77699-1.	50/4*nr. autori	3,125
Activitatea didactică și profesională (A1) 1.1. Cărți și capitole în cărți de specialitate 1.1.2. Naționale	Indicatori (Kpi)	Punctaj obținut
1. Floroian L., Boer A., <i>Spectroscopie</i> , Editura Universității Transilvania, 2009, 220 pg.	50/nr. autori	25
2. N.C. Zoita, L. Floroian, <i>Hybrid design of a PC-based multiparameter multichannel analyzer for x-ray and gamma-ray spectrometry</i> , in <i>Sensing-Monitoring- Telediagnosis for Life Sciences, Vol II Food and Environmental</i> , Ed. Universității Transilvania, 2014, ISBN: 978-606-19-0390-0.	50/nr. autori	25

3. A. Jufa, N. Iordache, L. Floroian, A. Pascu, M. Badea, Microwaves – help for people or source of health problems?, in Challenges in medicine, food control and environmental, eds: L. Floroian, M. Badea, Ed. Universității Transilvania, 74-89, 2015, ISBN: 987-606-19-0591-1.	50/nr. autori	10
4. L. Chelmea, C. Faraian, L. Floroian, Gh. Coman, G.S. Nunes, M. Moga, M. Badea, Cadmium and lead detection using electrochemical methods, in Sensing- Monitoring- Telediagnosis for Life Sciences, Vol II Food and Environmental, Ed. Universității Transilvania, 156-167, 2014, ISBN: 978-606-19-0390-0	50/nr. autori	7,142
5. L. Floroian, N.C. Zoita, D. Floroian, C. Samoila, Polymers in controlled drug delivery systems, in Sensing- Monitoring- Telediagnosis for Life Sciences, Vol I Medical Science, Ed. Universității Transilvania, 151-163, 2014, ISBN: 978-606-19-0389-4.	50/nr. autori	12,50
6. M. Simon, M. Moga, M. Buzescu, L. Floroian, M. Badea, Study on respiratory allergens, in Sensing- Monitoring- Telediagnosis for Life Sciences, Vol I Medical Science, Ed. Universității Transilvania, 208-213, 2014, ISBN: 978-606-19-0389-4.	50/nr. autori	10
7. M. Badea, A. Iacob, J.L. Marty, I. Agache, C. Gavris, A. Pascu, Gh. Coman, L. Floroian, M. Moga, M. Radoi, The impact of environmental air pollution on public health, in Challenges in medicine, food control and environmental, eds: L. Floroian, M. Badea, Ed. Universității Transilvania, 90-108, 2015, ISBN: 987-606-19-0591-1.	50/nr. autori	5
8. R. Szuhanek, L. Floroian, M. Moga, Risk assessment in transport of critically ill patients, in Sensing- Monitoring- Telediagnosis for Life Sciences, Vol I Medical Science, Ed. Universității Transilvania, 164-179, 2014, ISBN: 978-606-19-0389-4.	50/nr. autori	16,66
Total A1.1.		133,18
Activitatea didactică și profesională (A1)	Indicatori (Kpi)	Punctaj obținut
1.2. Material didactic/ lucrări didactice		
1.2.1. Manuale didactice		
1. Floroian L., Moldoveanu F., <i>Electronică digitală. Logică combinațională</i> , Editura Universității Transilvania, 2013, 200 pg	40/nr. autori	20
2. Floroian L., <i>Fizică generală-lucrări de laborator</i> , Editura Universității Transilvania, 2013, 134 pg	40/nr. autori	40
TOTAL A1 (min 100)		193,18

Activitatea de cercetare (A2) (min 600)	Indicatori (Kpi)	Punctaj obținut
2.1. Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI proceedings (min 15)		
1. Floroian L., Savu B., Sima F., Mihailescu I. N., Tanaskovic D., Janackovic D., <i>Synthesis and characterisation of bioglass thin films</i> , Digest Journal of Nanomaterials and Biostructures, vol 2, nr 3, pp. 285-291, 2007, ISSN 1842-3582 (Factor Impact: 0,673), http://chalcogen.ro/Floroian.pdf	(25 + 30 x FI) / nr. autori	7,531
2. Floroian, L., Savu, B., Stanciu, G., Popescu, A.C., Sima, F., Mihailescu, I. N., Mustata, R., Sima, L.E., Petrescu, S.M., Tanaskovic, D., Janackovic, D., <i>Nanostructured bioglass thin films syntherized by pulsed laser deposition:</i>	(25 + 30 x FI) / nr. autori	14,379

<i>CLSM, Ftir investigations and in vitro biotests</i> , Applied Surface Science, Elsevier, Nederland, vol. 255, 2008, pp. 3056-3062, ISSN: 0169-4332 (Factor Impact: 4,439), roșu, http://www.sciencedirect.com/science/article/pii/S0169433208019442		
3. Floroian, L. , Mihailescu, I.N., Sima, F., Stanciu, G., Savu, B., <i>Evaluation of biocompatibility and bioactivity for pmma – bioactive glass nanocomposite films obtained by MAPLE</i> , Scientific Bulletin University Politehnica of Bucharest, Romania, Series A, Vol. 72, Iss.2, 2010, pp. 133-148, ISSN: 1223-7027 (Factor Impact: 0,461), http://www.scientificbulletin.upb.ro/rev_docs_arhiva/full6149.pdf	(25 + 30 x FI) / nr. autori	7,766
4. Floroian, L. , Sima, F, Florescu, M. , Badea, M., Popescu, A.C., Serban, N, Mihailescu, I.N., <i>Double layered nanostructured composite coatings with bioactive silicate glass and polymethylmetacrylate for biomimetic implant applications</i> , Journal of Electroanalytical Chemistry, Elsevier, Nederland, vol. 648, 2010, pp. 111-118, ISSN: 1572-6657 (Factor Impact: 3.235), rosu http://www.sciencedirect.com/science/article/pii/S157266571000336X	(25 + 30 x FI) / nr. autori	17,435
5. Floroian, L. , Florescu, M., Sima F., Popescu-Pelin, G., Ristoscu, C., Mihailescu, I.N., <i>Synthesis of biomaterial thin films by pulsed laser technologies: electrochemical evaluation of bioactive glass-based nanocomposites coatings for biomedical applications</i> , Materials Science and Engineering C, Elsevier, Nederland, vol. 32, issue 5, march, 2012, pp. 1152 – 1157, ISSN: 0928-4931 (Factor Impact: 5,08), - rosu http://www.sciencedirect.com/science/article/pii/S0928493112001038	(25 + 30 x FI) / nr. autori	29,566
6. Floroian, D., Floroian, L. , Moldoveanu, F., <i>Multiagent System for Monitoring Chronic Diseases</i> , Vol. 36, 2011, Springer, Heidelberg, Germany, IFMBE (The International Federation for Medical and Biological Engineering) Proceedings 00360067, S. Vlad, R.V. Ciupa, A. I. Nicu (Eds.), pp. 26-31, ISSN: 1680-0737, DOI: 10.1007/978-3-642-22586-4-7, http://link.springer.com/chapter/10.1007%2F978-3-642-22586-4_7	(25 + 30 x FI) / nr. autori FI=0,25	10,833
7. Floroian, D. , Moldoveanu, F., Floroian, L. , <i>Multi-Agent Model for a Mobile Hospital Logistic System</i> , Vol. 26, 2009, Springer, Heidelberg, Germany, IFMBE (The International Federation for Medical and Biological Engineering) Proceedings 00260067, S. Vlad, R.V. Ciupa, A. I. Nicu (Eds.), pp. 67-72, ISSN: 1680-0737, DOI: 10.1007/978-3-642-04292-8, http://link.springer.com/chapter/10.1007%2F978-3-642-04292-8_15	(25 + 30 x FI) / nr. autori FI=0,25	10,833
8. Cotfas, D.T., Floroian, L. , Cotfas, P.A., Floroian, D., Rubin, R., Lieberman, D., <i>The study of the photovoltaic cells parameters in concentrated sunlight</i> , IEEEExplore, mai 2014, DOI: 10.1109/OPTIM.2014.6850916, Print ISSN: 1842-0133, https://ieeexplore.ieee.org/document/6850916	(25 + 30 x FI) / nr. autori FI=0,25	5,416
9. Floroian, L. , Florescu, M., Munteanu, D, Badea, M., Popescu-Pelin, G., Ristoscu, C., Sima, F., Chifiriuc, C.M., Mihailescu, I.N., <i>A new concept of stainless steel medical implant based upon composite nanostructures coating</i> , Digest Journal of Nanomaterials and Biostructures, vol 9, nr 4, oct-dec, 2014, pp. 1555-1568, ISSN:1842-3582 (ISI Journal impact factor: 0,673) http://www.chalcogen.ro/1555_Floroian.pdf	(25 + 30 x FI) / nr. autori	5,021
10. Cotfas P.A., Cotfas D. T., Floroian L. , Floroian D., <i>General Physics Remote Laboratory based on the NI ELVIS Platform and Moodle</i> , IEEEExplore, apr.	(25 + 30 x FI) / nr. autori	8,125

2014, ISBN: 978-1-4799-2024-2, DOI: 10.1109/REV.2014.6784244, https://ieeexplore.ieee.org/document/6784244	FI=0,25	
11. Floroian L. , Samoila C., Badea M., Munteanu D., Ristoscu C., Sima F., Negut I., Chifiriuc M. C., Mihailescu I. N., <i>Stainless steel surface biofunctionalization with PMMA-bioglass coatings: compositional, electrochemical corrosion studies and microbiological assay</i> , Journal of Materials Science: Materials in Medicine, 2015, vol 26, pp. 195-209, ISSN: 0957-4530, https://www.ncbi.nlm.nih.gov/pubmed/26085116 (ISI Journal impact factor: 2,448) galben	(25 + 30 x FI) / nr. autori	10,937
12. Popescu-Pelin G. , Craciun D., Socol G., Cristea D., Floroian L. , Badea M., Socol M., Craciun V., <i>Investigations of pulsed laser deposited TiN thin films for titanium implants</i> , Romanian Reports in Physics, Vol. 67, No. 4, pp. 1491-1502, 2015, ISSN:1221-1451, http://www.rpp.infim.ro/2015_67_4/A28.pdf (ISI Journal impact factor: 1,582)	(25 + 30 x FI) / nr. autori	9,057
13. Floroian L. , Ristoscu C., Mihailescu N., Negut I., Badea M., Ursutiu D., Chifiriuc M.C., Urzica I., Dyja H.M., Bleotu C., Mihailescu I.N., <i>Functionalized antimicrobial composite thin films printing for stainless steel implant coatings</i> , Molecules, 2016, 21, pp. 740-758, ISSN:1420-3049 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6274373/ (ISI Journal impact factor: 3,098) galben	(25 + 30 x FI) / nr. autori	10,721
14. Badea M. , Floroian L. , Restani P., Moga M., <i>Simple surface functionalization strategy for immunosensing detection of aflatoxin B1</i> , International Journal of Electrochemical Science, 11, 2016, pp. 6719 – 6734, ISSN:1452-3981 http://www.electrochemsci.org/papers/vol11/110806719.pdf (ISI Journal impact factor: 1,369)	(25 + 30 x FI) / nr. autori	16,517
15. Ciuca S. , Badea M., Pozna E., Pana I., Kiss A., Floroian L. , Semenescu A., Cotrut C.M., Moga M., Vladescu A., <i>Evaluation of Ag containing hydroxyapatite coatings to the Candida albicans infection</i> , Journal of Microbiological Methods, 2016, vol 125, pp. 12-18, ISSN:0167-7012 https://www.sciencedirect.com/science/article/pii/S0167701216300471 (ISI Journal impact factor: 1,701)	(25 + 30 x FI) / nr. autori	7,603
16. Badea M. , Floroian L. , Restani P., Cobzac S.C., Moga M., <i>Ochratoxin A Detection on Antibody- Immobilized on BSA-Functionalized Gold Electrodes</i> , PLoS ONE 2016, ISSN:1932-6203, 11(7): e0160021. doi:10.1371/journal.pone.0160021 https://www.ncbi.nlm.nih.gov/pubmed/27467684 (ISI Journal impact factor: 2,766) rosu	(25 + 30 x FI) / nr. autori	21,596
17. Cotfas D.T. , Cotfas P. A., Floroian D., Floroian L. , <i>Accelerated life test for photovoltaic cells using concentrated light</i> , International Journal of Photoenergy, Volume 2016 (2016), Article ID 9825683, 7 pages, ISSN:1110-662X, http://dx.doi.org/10.1155/2016/98256832016 (ISI Journal impact factor: 1,547)	(25 + 30 x FI) / nr. autori	17,852
18. Floroian L. , Ristoscu C., Candiani G., Pastori N., Moscatelli M., Mihailescu N., Negut I., Badea M., Gilca M., Chiesa R., Mihailescu I.N., <i>Antimicrobial thin films based on ayurvedic plants extracts embedded in a bioactive glass</i>	(25 + 30 x FI) / nr. autori	14,379

matrix, Applied Surface Science, http://dx.doi.org/10.1016/j.apsusc.2017.02.197 , ISSN:0169-4332 (ISI Journal impact factor: 4,439) rosu		
19. Floroian L., Craciun D., Socol G., Dorcioman G., Socol M., Badea M., Craciun V., <i>Titanium implants' surface functionalization by pulsed laser deposition of TiN, ZrC and ZrN hard films</i> , Applied Surface Science, http://dx.doi.org/10.1016/j.apsusc.2017.03.068 , ISSN:0169-4332 (ISI Journal impact factor: 4,439) rosu	(25 + 30 x FI) / nr. autori	22,595
20. M. Badea, A. G. Antuña, M. Zumbado, L. Rogozea, L. Floroian, D. Alexandrescu, M. Moga, L. Gaman, M. Radoi; L. D Boada, L. A. Henríquez-Hernández, <i>Body burden of toxic metals and rare earth elements in non-smokers, cigarette smokers and electronic cigarette users</i> , Environmental Research, vol 166, pg. 269-275, 2018, https://www.sciencedirect.com/science/article/pii/S0013935118303098 ISSN:0013-9351 (ISI Journal impact factor: 4,732). rosu	(25 + 30 x FI) / nr. autori	15,178
21. O. P. Luzardo, M. Badea, M. Zumbado, L. Rogozea, L. Floroian, A. Ilea, M. Moga, G. Sechel, L. D. Boada, L. A. Henríquez-Hernández <i>Body burden of organohalogenated pollutants and polycyclic aromatic hydrocarbons in Romanian population: influence of age, gender, body mass index, and habitat</i> , Journal: Science of the Total Environment, 656 (2019) 709–716, ISSN:0048-9697 https://www.sciencedirect.com/science/article/pii/S0048969718347594 (ISI Journal impact factor: 4,61). - rosu	(25 + 30 x FI) / nr. autori	16,33
22. A. Miccoli, P. Restani, L. Floroian, N.Taus, M. Badea, G. Cioca, S. Bungau, <i>Sensitive electrochemical detection method of melatonin in food supplements</i> , REV.CHIM.(Bucharest), 69, No. 4, 2018, http://www.revistadechimie.ro/pdf/21%20MICCOLI%204%2018.pdf ISBN:0034-7752, (ISI Journal impact factor: 1,412).	(25 + 30 x FI) / nr. autori	9,622
23. Badea, M.; Chiperea, S.; Balan, M.; Floroian, L.; Restani, P.; Marty, J.-L.; Iovan, C.; Tit, D. M.; Bungau, S.; Taus, N, <i>New approaches for electrochemical detection of ascorbic acid</i> , Farmacia, vol. 66, pp. 83-87, 2018, ISBN:0014-8237, http://www.revistafarmacia.ro/201801/art-11-Badea_Iovan_Taus_83-87.pdf (ISI Journal impact factor: 1,507).	(25 + 30 x FI) / nr. autori	7,021
24. S. Coman, C. Boldisor, L. Floroian, <i>Fractional adaptive control for a fractional - order insuline - glucose dynamic model</i> , IEEEExplore, 2017, DOI: 10.1109/OPTIM.2017.7975082, ISBN:978-1-5090-4489-4, https://ieeexplore.ieee.org/document/7975082	(25 + 30 x FI) / nr. autori FI=0,25	10,833
25. D.T. Cotfas ; P.A Cotfas ; D. Floroian ; L. Floroian ; Mihai Cernat, <i>Ageing of Photovoltaic Cells Under Concentrated Light</i> , 2015 Intl Aegean Conference on Electrical Machines & Power Electronics (ACEMP), 2015 Intl Conference on Optimization of Electrical & Electronic Equipment (OPTIM) & 2015 Intl Symposium on Advanced Electromechanical Motion Systems (ELECTROMOTION), DOI:10.1109/OPTIM.2015.7427048, https://ieeexplore.ieee.org/document/7427048	(25 + 30 x FI) / nr. autori FI=0,25	6,500

Activitatea de cercetare (A2) 2.2. Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale BDI	Indicatori (Kpi)	Punctaj obținut
1. Floroian, L., <i>Raman Spectroscopy in Study of Carbon Nanotubes</i> , Bulletin of Transilvania University of Braşov, Vol. 11(46) Series B1, pp. 99-104, Braşov, 2004, ISSN 1223-964X.	20 / nr. autori	20
2. Floroian, L. <i>Evaluation of the acceleration of electrons by spatially modulated laser wave</i> , Bulletin of the Transilvania University of Brasov, vol 12 (47), Series B1, pp. 167-172, Braşov, 2005, ISSN 1223-964X, http://webbut.unitbv.ro/BU2008/Arhiva/BU2005/BULETIN%20B%20PDF/023-B-Floroian_05.pdf	20 / nr. autori	20
3. Floroian, L. <i>Molecular and cellular imaging with quantum dots</i> , Bulletin of the Transilvania University of Brasov, vol 13 (48), Series B1, pp. 123-128, Braşov, 2006, ISSN 1223-964X, http://webbut.unitbv.ro/BU2008/Arhiva/BU2006/BULETIN%20B%20PDF/018-B-FLOROIAN_06.pdf	20 / nr. autori	20
4. Cretu, N., Pop, M., Boer, A., Floroian, L., Stanciu, G. <i>Law of variation of particle size with time in sol-gel powder fabrication process</i> , Bulletin of the Transilvania University of Brasov, vol 13 (48), Series B1, pp. 135-140, Braşov, 2006, ISSN 1223-964X, http://webbut.unitbv.ro/BU2008/Arhiva/BU2006/BULETIN%20B%20PDF/020-B-CRETU_06.pdf	20 / nr. autori	4,00
5. Floroian, L., <i>Fabrication and characterisation of the bioglass thin films</i> , Bulletin of the Transilvania University of Brasov, vol 14 (49), Series B1, Braşov, 2007, pp. 131-136, ISSN 1223-964X, http://webbut.unitbv.ro/BU2008/Arhiva/BU2007/BULETIN%20B%20PDF/FIZICA/05_Floroian_L.pdf	20 / nr. autori	20
6. Floroian, L. <i>Pulsed laser deposition of bioactive glass for biomedical applications</i> , Bulletin of the Transilvania University of Brasov, vol 1 (50), Series III, Braşov, 2008, pp. 553-559, ISSN 2065-2151, http://webbut.unitbv.ro/BU2008/BULETIN%20III%20PDF/Floroian-rez.pdf	20 / nr. autori	20
7. Floroian, L., Boer, A. <i>In vitro studies on pmma-bioglass composite films</i> , Bulletin of the Transilvania University of Brasov, vol 2 (51), Series III, Braşov, 2009, pp. 269-279, ISSN 2065-2151, http://webbut.unitbv.ro/BU2009/BULETIN2009/Series%20III/BULETIN%20III%20PDF/floroian.pdf	20 / nr. autori	10
8. Floroian, L., <i>Biocompatibility and physical properties of doped bioactive glass ceramics</i> , Bulletin of the Transilvania University of Brasov, vol 3 (52), Series VI, Braşov, 2010, pp. 27-32, ISSN 2065-2151, http://but.unitbv.ro/BU2010/Series%20VI/BULETIN%20VI%20PDF/05_Floroian.pdf	20 / nr. autori	20
9. Floroian, D., Ursuțiu, D., Floroian, L., Moldoveanu, F., <i>RoboShmith: Wireless Networked Architecture</i> , International Journal of Online Engineering, vol.4, pp. 14-19, 2010, ISSN: 1868-1646, http://online-journals.org/i-joe/article/view/1468	20 / nr. autori	5
10. Floroian, D., Floroian, L., Rubin, R., Lieberman, D., Cotfas, P., Cotfas, D., Ursuțiu, D., Samoilă, C., <i>Measurements in concentrated sun using a remote</i>	20 / nr. autori	2,50

<i>controlled robot</i> , International Journal of Online Engineering, vol.4., pp. 50-55, 2013, ISSN: 1868-1646, http://online-journals.org/i-joe/article/view/2544		
11. Badea, M., Floroian, L., Chelmea, L., Faraian, C., Moga, M., Rogozea, L., Marty, J.L., Restani, P., <i>Experimental studies using the enzymatic biosensors for the electrochemical detection of heavy metals</i> , Jurnal Medical Brasovean, vol.2, pp. 22-27, 2013, ISSN 1841-0782 http://oaji.net/articles/2014/693-1396860121.pdf	20 / nr. autori	2,50
12. Floroian D., Moldoveanu F., Floroian L., <i>Using dspace systems for torque control of asynchronous motor drive</i> , Bulletin of the Transilvania University of Braşov, Series I: Engineering Sciences, Vol. 6 (55) No. 2, 2013, pp. 39-44, ISSN: 2065-2119 (Print), ISSN: 2065-2127 (CD-ROM), http://webbut.unitbv.ro/BU2013/Series%20I/BULETIN%20I/Floroian%20D.pdf	20 / nr. autori	6,666
13. Floroian L., Floroian D., <i>Overview on pulsed laser deposition of chalcogenide-based thin films</i> , Bulletin of the Transilvania University of Braşov, Series I: Engineering Sciences, Vol. 6 (55) No. 2, 2013, pp. 45-50, ISSN: 2065-2119 (Print), ISSN: 2065-2127 (CD-ROM), http://webbut.unitbv.ro/BU2013/Series%20I/BULETIN%20I/Floroian%20L.pdf	20 / nr. autori	10
14. M. Badea, L. Floroian, D. Floroian, M. Moga, L. Rogozea, <i>Telemedicine and telediagnosis –general perception of young students from Romania</i> , Bulletin of the Transilvania University of Braşov, seria VI, Vol. 7 (56) / No. 1, pp. 139-146, ISSN: 2065-2119 (Print), 2014, ISSN: 2065-2127 (CD-ROM). https://pdfs.semanticscholar.org/bc33/8990f56e980eb0a3bc69825533f89563484c.pdf	20 / nr. autori	4
15. D. Floroian, L. Floroian, <i>Powering light appliances with 4-wire system for remote control or local control</i> , Bulletin of the Transilvania University of Braşov, Vol. 7 (56) / No. 2, 2014, pp. 75-80, ISSN: 2065-2119 (Print), ISSN: 2065-2127 (CD-ROM). http://webbut.unitbv.ro/BU2014/Series%20I/Contents_I_EEEA.html	20 / nr. autori	10
16. M. Badea, M. Florescu, V. Veregut, L. Chelmea, O. Corcan, L. Floroian, P. Restani, J. L. Marty, M. Moga, <i>Optimization of electrochemical detection of l-ascorbic acid from plant food supplements using screen printed transducers</i> , Advances in Analytical Chemistry, vol. 5(4), p. 69-73, 2015, p-ISSN: 2163-2839, e-ISSN: 2163-2847, http://article.sapub.org/10.5923.j.aac.20150504.01.html	20 / nr. autori	2,222
17. L. Floroian, M. Badea, I. Samota, <i>Biomaterials with applications in medicine</i> , Jurnal Medical Braşovean, nr.1/2015, p. 14-20, Braşov, 2015, ISSN: 1841-0782, e-ISSN: 2247-4706. http://webbut.unitbv.ro/jmb/JMB%202015%20nr%201/01_03_referat_bio_materiale.pdf	20 / nr. autori	6,666
18. L. Floroian, M. Badea, I. Samota, <i>Bioglass - the newest type of biomaterial with great potential of osteointegration</i> , Jurnal Medical Braşovean, nr.1/2015, p. 20-24, Braşov, 2015, ISSN: 1841-0782, e-ISSN: 2247-4706. http://webbut.unitbv.ro/jmb/JMB%202015%20nr%201/01_04_referat_bios	20 / nr. autori	6,666

ticla.pdf		
19. R.Szuhanek, L. Floroian, <i>Modern technologies to increase energetic efficiency in hospitals</i> , Bulletin of Transilvania University of Braşov, Vol. 8(57), no.2, Series B1, p. 179-183, Braşov, 2015, ISSN: 2065-2119 (Print), ISSN: 2065-2127 (CD-ROM). http://webbut.unitbv.ro/BU2015/Series%20I/BULETIN%20I/Szuhanek%20R.pdf	20 / nr. autori	10
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Activitatea de cercetare (A2)	Indicatori (Kpi)	Punctaj obținut
2.4. Granturi / proiecte câștigate prin competiție		
2.4.1. Director/responsabil (min 2)		
2.4.1.1. Internaționale		
1. FP7 Grant 228296/2012 Solar Facilities for the European Research Area, <i>Evaluation of the performances of new nanostructures processed by laser techniques for use in photovoltaic and biomedical applications</i> , PHOTOBIO - P12022900040235, perioada 2012, http://sfera.sollab.eu/index.php?page=access_selected	20 x ani desfășurare	20
2. FP7 Grant 228296/2013 Solar Facilities for the European Research Area, <i>Improving the performances of new nanostructures processed by laser techniques for use in concentrated light applications</i> , NANOCELL - P13020700040279, perioada 2013, http://sfera.sollab.eu/index.php?page=access_selected	20 x ani desfășurare	20
3. FP7 Grant 228296/2013 Solar Facilities for the European Research Area,	20 x ani	20

<i>Evaluation of the solar concentrated charger possibilities in very fast charging of supercapacitors, SUPERCAP - P13020700040279, perioada 2013, http://sfera.sollab.eu/index.php?page=access_selected</i>	desfășurare	
Activitatea de cercetare (A2) 2.4. Granturi / proiecte câștigate prin competiție 2.4.1. Director/responsabil 2.4.1.2. Naționale		
1. Contract nr. 146PED/2017, PNCDI III, Programul 2: Cresterea competitivitatii economiei romanesti prin cercetare, dezvoltare si inovare, Subprogramul 2.1. Competitivitate prin cercetare, dezvoltare si inovare - Proiect experimental demonstrativ, <i>Smart surface functionalization of titanium and stainless steel implants (SSTIM)</i> , 2 ani, finantare UEFISCDI, http://sstim.wew.ro/	10 x ani desfășurare	20

Activitatea de cercetare (A2) 2.4. Granturi / proiecte câștigate prin competiție 2.4.2. Membru în echipă 2.4.2.1. Internaționale	Indicatori (Kpi)	Punctaj obținut
1. Contract nr. 09-EIP-RO BRASOV01/ 2009-2011 <i>Bioanalytical methods for life sciences</i> , valoarea: 52990 euro	4 x ani desfășurare	12
2. FP7 program, Contract 245199/2007-2011, grant European, Plant Food Supplement-Level of Intake, Benefit and Risk Assesement, http://www.eurofir.org/plantlibra/	4 x ani desfășurare	16
3. The study of the evolution of the photovoltaic cells parameters during the ageing process using the concentrated light and the temperature , grant European, program: Solar Facilities for the European Research Area (SFERA) perioada:2014 finantator:Uniunea Europeana NrContract:228296/2012, https://sfera2.sollab.eu/access/access_selected	4 x ani desfășurare	4
4. The ageing time evolution of the solar cells in function of the concentrated light levels, grant European, program: Solar Facilities for the European Research Area (SFERA) perioada:2015 finantator:Uniunea Europeana NrContract:228296/2012, https://sfera2.sollab.eu/access/access_selected	4 x ani desfășurare	4
5. Study of combined photovoltaic cell/thermoelectric element/solar collector in medium and highly concentrated light, grant European, program: Solar Facilities for the European Research Area (SFERA) perioada:2016 finantator:Uniunea Europeana NrContract:228296/2012, https://sfera2.sollab.eu/access/access_selected	4 x ani desfășurare	4
6. Program european sectorial ERASMUS + perioada:2017 finantator:Uniunea Europeana NrContract:2015-1-RO01-KA107-014492	4 x ani desfășurare	4
7. Program european sectorial ERASMUS+ perioada:2017 finantator:Uniunea Europeana NrContract:2015-2-RO01-KA107-022662	4 x ani desfășurare	4
8. Program european sectorial ERASMUS + perioada:2017 finantator:Uniunea Europeana NrContract:2016-1-RO01-KA103-023290	4 x ani desfășurare	4
9. Program european sectorial ERASMUS + perioada:2016	4 x ani	

finantator:Uniunea Europeana NrContract:2015-1-RO01-KA103-014935/27.07.2015	desfășurare	4
10. Program european sectorial ERASMUS + perioada:2018 finantator:Uniunea Europeana NrContract:KA103_035876	4 x ani desfășurare	4

Activitatea de cercetare (A2)	Indicatori (Kpi)	Punctaj obținut
2.4. Granturi / proiecte câștigate prin competiție		
2.4.2. Membru în echipă		
2.4.2.2. Naționale		
1. Contract nr. 2-CEX06-11-103/2006-2007, grant MCT, program: Cercetare de excelență (CEEX), competiția a 2-a, modul I – Proiecte de Cercetare Dezvoltare Complexe – <i>Medii Neomogene Elastice, Abordări Ultraacustice și Simulări Computaționale</i> , finanțat de Autoritatea Națională pentru Cercetare Științifică; valoarea: 352000 RON, http://menelaus.unitbv.ro/	2 x ani desfășurare	4
2. Contract nr. 72-172/01.10.2008/ 2008-2011, grant MCT, program: Parteneriate în domeniile prioritare, competiția a 2-a, modul I – Proiecte de Cercetare Dezvoltare Complexe – <i>Tehnici de înaltă precizie și sensibilitate aplicate în rețele de biomonitorizare a poluării mediului cu factori poluanți din zonele de dezvoltare de sud, sud-est și centrală ale României</i> , finanțat de Autoritatea Națională pentru Cercetare Științifică; http://172.icstm.ro/index.html?http%3A//172.icstm.ro/etape.html	2 x ani desfășurare	8
3. Contr. nr. 2402/2009 (DEMPEC 220/03.04.2009); tip program: contracte cu alți parteneri; tip proiect: cercetare-dezvoltare-inovare – <i>Sistem de supraveghere bazat pe microcontrolere AVR și senzori nano-structurați</i> ; beneficiar SC ELCATE SRL Brașov; membru în colectiv.	2 x ani desfășurare	2
4. New trends on sensing monitoring telediagnosis for life sciences perioada: 2014 finantator: Autoritatea Națională pentru Cercetare Științifică Nr Contract: 55M/2014	2 x ani desfășurare	2
5. New trends on sensing monitoring telediagnosis for life sciences perioada: 2015 finantator:Autoritatea Națională pentru Cercetare Științifică Nr Contract: 21M/2015	2 x ani desfășurare	2
6. Nanocompozite oxidice functionalizate pentru aplicatii de senzori perioada: 2018-2020 finantator: UEFISCDI NrContract:ctr 47 PCCDI	2 x ani desfășurare	6
7. New trends on sensing-monitoring-telediagnosis for life sciences; NT SMT -LS 2018 perioada: 2018 finantator: MCI NrContract: 37M/2018	2 x ani desfășurare	2
8. Scoala de vara Food Safety and Helthy Nutrition - FSHL 2018 perioada: 2018 finantator: MCI NrContract: 38M/2018	2 x ani desfășurare	2
TOTAL A2.4.		168
TOTAL A2		747.86

<p>Recunoașterea și impactul activității (A3)</p> <p>3.1. Citări în reviste ISI și BDI (min 25)</p> <p>3.1.1. ISI</p>	<p>Indicatori (Kpi)</p>	<p>Punctaj obținut</p>
<p>Articolul <i>Nanostructured bioglass thin films synthesized by pulsed laser deposition: CLSM, Ftir investigations and in vitro biotests</i>, Applied Surface Science, Elsevier, Nederland ,vol. 255, 2008, pp. 3056-3062, ISSN: 0169-4332, citat în</p>		
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<p>5. <i>MAPLE fabrication of thin films based on kanamycin functionalized magnetite nanoparticles with anti-pathogenic properties</i>, V. Grumezescu, E. Andronescu, A.M. Holban, L. Mogoantă, G.D. Mogoșanu, A. M. Grumezescu, A. Stănculescu, G. Socol, F. Iordache, H. Maniu, M.C. Chifiriuc, Applied Surface Science, Volume 336, 1 May 2015, Pages 188–195, ISSN:0169-4332, https://www.sciencedirect.com/science/article/pii/S0169433214024520</p>	<p>8 / nr. autori ai articolului citat *2</p>	<p>1,454</p>
<p>6. <i>Pulsed Electron Deposition of nanostructured bioactive glass coatings for biomedical applications</i>, Bellucci, Devis; Bianchi, Michele; Graziani, Gabriela; et al., Ceramics International, vol. 43, issue 17, Pages 15862-15867, 2017, ISSN:0272-8842, https://www.sciencedirect.com/science/article/pii/S0272884217318576</p>	<p>8 / nr. autori ai articolului citat *2</p>	<p>1,454</p>
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12. <i>Synthesis, Processing and Application of Nanostructured Coatings</i> , Aliofkhazraei, M, Nanocoatings: size effect in nanostructured films, Book	8 / nr. autori ai articolului citat	

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TOTAL A3.1.1.		102,36

<p>Recunoașterea și impactul activității (A3)</p> <p>3.3. Membru în colectivele de redacție sau comitete științifice ale revistelor, organizator de manifestări științifice / Recenzor pentru reviste și manifestări științifice internațional indexate ISI</p> <p>3.3.2. BDI</p>	Indicatori (Kpi)	Punctaj obținut
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1. Membru în colectivul de redacție al revistei <i>Research and Reviews in Materials Science and Chemistry</i> , ISSN 2319-6920	Punctaj unic	6
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10. Membru în colectivul de organizare al conferinței internaționale <i>New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences</i> September 7 - 9, 2017, Bucharest, Romania http://www.healthfoodenviron.unitbv.ro/2017/	Punctaj unic	6
11. Membru în comitetul științific internațional al conferinței internaționale <i>New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences</i> , September 7 - 9, 2017, Bucharest, Romania http://www.healthfoodenviron.unitbv.ro/2017/	Punctaj unic	6
12. Membru în colectivul de organizare al conferinței <i>10th International Conference on Photoexcited Processes and Applications</i> , August 29 – September 2, 2016, Brasov, Romania http://icpepa10.com/committees/	Punctaj unic	6
13. Membru în comitetul științific internațional al conferinței <i>10th International Conference on Photoexcited Processes and Applications</i> , August 29 – September 2, 2016, Brasov, Romania http://icpepa10.com/committees/	Punctaj unic	6

14. Membru în colectivul de organizare al conferinței <i>Nuclear Photonics 2018</i> Brasov, Romania, June 24-29 2018	Punctaj unic	6
15. Membru în colectivul de organizare al conferinței internaționale <i>New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences</i> 30 aug -1 Sept, 2018, Brasov, Romania http://www.healthfoodenviron.unitbv.ro/2018/	Punctaj unic	6
16. Membru în comitetul științific internațional al conferinței internaționale <i>New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences</i> , 30 aug -1 Sept, 2018, Brasov, Romania http://www.healthfoodenviron.unitbv.ro/2018/	Punctaj unic	6
17. Recenzor <i>Bioelectronics and biosensors</i>	Punctaj unic	6
Recenzor		
TOTAL A3.3.2.		102

Recunoașterea și impactul activității (A3)	Indicatori (Kpi)	Punctaj obținut
3.4. Premii		
3.4.1. ASAS, AOSR, academii de ramură, premii internaționale		
1. POSTER AWARD la conferința internațională <i>New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences</i> Brasov, Romania, September 3-5, 2015, pt lucrarea: " <i>Bioactivity and biological studies on thin films of implant covering</i> " L. Floroian, M. Badea, D. Floroian, C. Samoila	15	15
2. Premiu CNCSIS în 2008 pt articolul <i>Nanostructured bioglass thin films syntherized by pulsed laser deposition: CLSM, Ftir investigations and in vitro biotests</i> , Applied Surface Science, Elsevier, Nederland ,vol. 255, 2008, pp. 3056-3062, ISSN: 0169-4332	15	15
3. Premiu CNCSIS în 2010 pt articolul <i>Double layered nanostructured composite coatings with bioactive silicate glass and polymethylmetacrylate for biomimetic implant applications</i> , Journal of Electroanalytical Chemistry, Elsevier, Nederland, vol. 648, 2010, pp. 111-118, ISSN: 1572-6657	15	15
4. Premiu CNCSIS în 2016 pt articolul <i>Investigations of pulsed laser deposited TiN thin films for titanium implants</i> , Romanian Reports in Physics, Vol. 67, No. 4, P. 1491-1502, 2015, ISSN 1221-1451	15	15
5. Premiu CNCSIS în 2016 pt articolul <i>Functionalized antimicrobial composite thin films printing for stainless steel implant coatings</i> , Molecules, 2016, 21, pp. 740-758	15	15
6. Premiu CNCSIS în 2016 pt articolul <i>Ochratoxin A Detection on Antibody-Immobilized on BSA-Functionalized Gold Electrodes</i> , PLoS ONE 2016, 11(7): e0160021. doi:10.1371/journal.pone.0160021,	15	15
7. Premiu CNCSIS în 2015 pt articolul <i>Stainless steel surface biofunctionalization with PMMA-bioglass coatings: compositional, electrochemical corrosion studies and microbiological assay</i> , Journal of Materials Science: Materials in Medicine, 2015, vol 26, pp. 195-209, ISSN: 0957-4530	15	15
8. Premiu CNCSIS în 2015 pt articolul <i>Synthesis of biomaterial thin films by pulsed laser technologies: electrochemical evaluation of bioactive glass-based nanocomposites coatings for biomedical applications</i> , Materials	15	15

Science and Engineering C, vol. 32, issue 5, 2012, pp. 1152 – 1157		
9. Premiu CNCSIS în 2018 pt articolul <i>Body burden of toxic metals and rare earth elements in non-smokers, cigarette smokers and electronic cigarette users, ENVIRONMENTAL RESEARCH</i>	15	15
10. POSTER AWARD la conferința internațională New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences, Brasov, Romania, 30 aug. – 1 Sept. 2018, pt lucrarea: "In vivo evaluation of oxidative stress induced by metallic implants", autori L. Floroian, D.V. Enache, G. Puchianu, L. Gaceu, M. Badea	15	15
TOTAL A3.4.1.		150
TOTAL A3.		450,36

2. Gradul de indeplinire a standardului privind acordarea titlului de profesor

3. Condiții minimale (A)			
Nr. crt.	Categoria		Punctaj obținut Laura Floroian
	Domeniul de activitate	Condiții Profesor	
1	Activitatea didactică / profesională (A1)	Minim 100 puncte	193.18
2	Activitatea de cercetare (A2)	Minim 600 puncte	747.86
3	Recunoașterea impactului activității (A3)	Minim 150 puncte	450,36
Total		850 puncte	1393.40

Data,
4.03.2019

Solicitant,
conf. dr. fiz. FLOROIAN LAURA

