ANEXA Nr. 5.6

Întocmirea fișei de verificare
a îndeplinirii standardelor Universității de prezentare la concurs pentru postul de
conferențiar universitar
Lector Universitar Gabriela Fabiola ȘTIUFIUC
Candidat pentru poziția de Conferențiar Universitar – poziția 7
-specificații-

1. Activitate didactică și profesională

Nr. Crt	Tipul activităților	Punctaj realizat	Punctaj minimal
1.	Capitole de cărți în edituri internaționale recunoscute Web of Science în calitate de autor/Review-uri în reviste cotate ISI **Activitate 1.2** Capitole de cărți: **Gabriela Fabiola ȘTIUFIUC**, Cristian Iacoviță, Valentin Toma, Rareș Știufiuc, Romulus Tetean, Constantin Mihai Lucaciu, *Magnetic Nanoparticles in Nanomedicine*, Chapter 2 in Magnetic Nanoparticles in Human Health and Medicine, Current Medical Applications and Alternative Therapy of Cancer, John Wiley & Sons,2022, Print ISBN:9781119754671 |Online ISBN:9781119754725, DOI:10.1002/9781119754725 Review-uri în reviste cotate ISI **1. Gabriela Fabiola ȘTIUFIUC**, Rares Ionuț Știufiuc, *Magnetic nanoparticles Synthesis, Characterization and Their Use in Biomedical Field*, Applied Sciences, 14, 4, 1623, (2024), IF=2.7 https://doi.org/10.3390/app14041623 2. Cristian Moldovan, Anca Onaciu, Valentin Toma, Raluca Munteanu, Diana Gulei, Alin Moldovan, Gabriela Fabiola ȘTIUFIUC, Richard Feder, Diana Cenariu, Cristina Iuga, Rares Stiufiuc, *Currents trends in luminescence-based assessment of apoptosis*, RSC Advances, 13, 45, 31641-31658, (2023), DOI: 10.1039/D3RA05809C	n_{ef}= *(6+5)/2=5.5* **A_1=1/5.5=0.181** n_{ef}=*2* **A_2=1/2 =0.5** n_{ef} = *(11+5)/2=8* **A_3=1/8=0.125**	

2.	Cărți în edituri naționale **Activitate 1.4** 1. **Gabriela Fabiola ȘTIUFIUC**, *Studiul fenomenelor de transport în prezența defectelor colonare introduce prin iradiere cu ioni grei și a substituțiilor atomice cu pământuri rare în supraconductorii de tip Bi: 2212*, Editura Risoprint, Cluj-Napoca, 2023 ISBN 978-973-53-3110-8 2. Rares Știufiuc, Cristian Iacoviță, **Gabriela ȘTIUFIUC**, *Metode modern de investigare a unor nanoobiecte cu aplicații biomedicale*, Editura Risoprint, Cluj-Napoca, 2013 ISBN 978-973-53-0988-6	$n_{ef}=1$ **A_4=0.5/1=0.5** $n_{ef}=3$ **A_5=0.5/3=0.166**	
3.	Lucrari în extenso publicate în Proceedings-uri indexate ISI **Activitate 1.6** 1. D. Marconi, **G. ȘTIUFIUC**, A.V. Pop, Effect of partial substitution of Ca by 4f elements on dissipative processes in Bi:2223 superconductors, Journal of Physics: Conference Series, 153, 012022, (2009) https://iopscience.iop.org/article/10.1088/1742-6596/153/1/012022/meta	$n_{ef}=3$ **A_6=0.2/3=0.066**	
4	Director/responsabil/coordinator pentru programe de studii, programe de formare continua, proiecte educaționale și proiecte de infrastructură **Activitate 1.9** 1. Director de proiect MC intitulat „Participare la Conferinta Internationala 256th ACS National Meeting, Boston, USA”, Proiect Nr. PN-III-P1-1.1-MC-2018-1327, 2018, Valoare 15.825 RON	**A_7=0.5**	
	Punctaj total	**A=2.038**	**A>=1**
Criteriu îndeplinit. Criteriu depășit cu 103%			

2. Activitate de cercetare

Nr. Crt	Tipul activităților	Punctaj realizat	Punctaj minimal
1.	Articole științifice originale in extenso ca autor **Am publicat în calitate de autor un număr de 33 de articole în reviste cotate ISI. Aceste articole sunt:** 1. Luca David, Anca Onaciu, Valentin Toma, Rareș-Mario Borșa, Cristian Moldovan, Adrian-Bogdan Țigu, Diana Cenariu, Ioan Șimon, **Gabriela Fabiola Știufiuc**, Eugen Carasevici, Brîndușa Drăgoi, Ciprian Tomuleasa, Rareș-Ionuț Știufiuc, *Understanding DNA Epigenetics by Means of Raman/SERS Analysis for Cancer Detection,* Biosensors, 14, 1, 41, (2024), **AIS=0.809** 2. Cristian Moldovan, Anca Onaciu, Valentin Toma, Raluca A. Munteanu, Diana Gulei, Alin I. Moldova, **Gabriela Fabiola Stiufiuc**, Richard I. Feder, Diana Cenariu, Cristina A. Iuga, Rares I. Stiufiuc, *Current trends in luminescence-based assessment of apoptosis,* RSC Advances, 13, 45, 31641 (2023), **AIS=0.570** 3. Rareș-Mario Borșa, Valentin Toma, Anca Onaciu, Cristian-Silviu Moldovan, Radu Mărginean, Diana Cenariu, **Gabriela-Fabiola Știufiuc**, Cristian-Mihail Dinu, Simion Bran, Horia-Octavian Opriș, Sergiu Văcăraș, Florin Onișor-Gligor, Dorin Sentea, Mihaela-Felicia Băciuț, Cristina-Adela Iuga, Rareș-Ionuț Știufiuc, *Developing New Diagnostic Tools Based on SERS Analysis of Filtered Salivary Samples for Oral Cancer Detection*, International Journal of Molecular Sciences, 24, 15, 12125, (2023), **AIS=1.030** 4. Cosmin Ioan Faur, Cristian Dinu, Valentin Toma, Anca Jurj, Radu Mărginean, Anca Onaciu, Rareș Călin Roman, Carina Culic, Magdalena Chirilă, Horațiu Rotar, Alexandra Fălămaș, **Gabriela Fabiola Știufiuc**, Mihaela Hedeșiu, Oana Almășan, Rares Ionuț Știufiuc, *A New Detection Method of Oral and Oropharyngeal Squamous Cell Carcinoma Based on Multivariate Analysis of Surface Enhanced Raman Spectra of Salivary Exosomes,* Journal of Personalized Medicine, 13, 5, 762, (2023), **AIS=0.634**	n_{ef}= *(5+13)/2=9* **I_1=0.809/9=0.089** n_{ef}= *(5+11)/2=8* **I_2= 0.57/8=0.071** n_{ef}= *(16+15)/3=10.33* **I_3= 1.030/10.3=0.100** n_{ef}= *(15+5)/2=10* **I_4= 0.634/10=0.063**	

	5. Anca Onaciu, Valentin Toma, Cristian Moldovan, Adrian Bogdan Țigu, Diana Cenariu, Carina Culic, Rareș Mario Borșa, Luca David, **Gabriela Fabiola Știufiuc**, Romulus Tetean, Ciprian Tomuleasa, Rareș Ionuț Știufiuc, *Nanoscale Investigation of DNA Demethylation in Leukemia Cells by Means of Ultrasensitive Vibrational Spectroscopy,* Sensors, 23, 1, 346, (2022), **AIS=0.608**	n_{ef}= *(12+5)/2=8.5* **I_5= 0.608/8.5=0.071**	
	6. Adrian Bartos, Ioana Iancu, Lidia Ciobanu, Anca Onaciu, Cristian Moldovan, Alin Moldovan, Radu Cristian Moldovan, Adrian Bogdan Tigu, **Gabriela Fabiola Stiufiuc**, Valentin Toma, Cornel Iancu, Nadim Al Hajjar, Rares Ionut Stiufiuc, *Hybrid Lipid Nanoformulations for Hepatoma Therapy: Sorafenib Loaded Nanoliposomes—A Preliminary Study,* Nanomaterials, 12, 16, 2833 (2022), **AIS=0.712**	n_{ef}= *(13+5)/2=9* **I_6= 0.712/9=0.079**	
	7. Vlad Cristian Munteanu, Raluca Andrada Munteanu, Diana Gulei, Radu Mărginean, Vlad Horia Schițcu, Anca Onaciu, Valentin Toma, **Gabriela Fabiola Știufiuc**, Ioan Coman, Rareș Ionuț Știufiuc, *New Insights into the Multivariate Analysis of SER Spectra Collected on Blood Samples for Prostate Cancer Detection: Towards a Better Understanding of the Role Played by Different Biomolecules on Cancer Screening: A Preliminary Study,* Cancers, 14, 13, 3227, (2022), **AIS=1.099**	n_{ef}= *(10+5)/2=7.5* **I_7= 1.099/7.5=0.146**	
	8. Cristian Silviu Moldovan, Anca Onaciu, Valentin Toma, Radu Marginean, Alin Moldovan, Adrian Bogdan Tigu, **Gabriela Fabiola Stiufiuc**, Constantin Mihai Lucaciu, Rares Ionut Stiufiuc, *Quantifying Cytosolic Cytochrome c Concentration Using Carbon Quantum Dots as a Powerful Method for Apoptosis Detection,* Pharmaceutics, 13, 10, 1556 (2021), **AIS=0.879**	n_{ef}= *(9+5)/2=7* **I_8= 0.879/7=0.125**	
	9. Cristian Iacovita, **Gabriela Fabiola Stiufiuc**, Roxana Dudric, Nicoleta Vedeanu, Romulus Tetean, Rares Ionut Stiufiuc, Constantin Mihai Lucaciu, *Saturation of specific absorption rate for soft and hard spinel ferrite nanoparticles synthesized by polyol process,* Magnetochemistry, 6, 2, 23 (2020), **AIS=0.448**	n_{ef}= *(7+5)/2=6* **I_9=0.448/6=0.074**	
	10. Cristian Iacovita, Ionel Fizeșan, Anca Pop, Lavinia Scorus, Roxana Dudric, **Gabriela Stiufiuc**, Nicoleta Vedeanu, Romulus Tetean, Felicia Loghin, Rares Stiufiuc, Constantin Mihai Lucaciu, *In Vitro Intracellular Hyperthermia of Iron Oxide Magnetic Nanoparticles, Synthesized at High Temperature by a Polyol Process,* Pharmaceutics, 12, 5, 424 (2020), **AIS=0.903**	n_{ef}= *(11+5)/2=8* **I_{10}= 0.903/8=0.112**	

	11. I. Colceriu-Șimon, M. Hedeșiu, V. Toma, G. Armencea, A. Moldovan, **G. Știufiuc**, B. Culic, V. Țărmure, C. Dinu, I. Berindan-Neagoe, R. Știufiuc, M. Băciuț, *The Effects of Low-Dose Irradiation on Human Saliva: A Surface-Enhanced Raman Spectroscopy Study*, Diagnostics, 9, 3, 101, (2019), **AIS=0.738**	n_{ef}= *(12+5)/2=8.5* **I_{11}= 0.738/8.5=0.086**	
	12. D. Benedec, I. Oniga, F. Cuibus, B. Sevastre, **G. Stiufiuc**, M. Duma, D. Hanganu, C. Iacovita, R. Știufiuc, C. M. Lucaciu, *Origanum vulgare mediated green synthesis of biocompatible gold nanoparticles simultaneously possessing plasmonic, antioxidant and antimicrobial properties*, International Journal of Nanomedicine, 13, 1, (2018), **AIS=0.826**	n_{ef}= *(10+5)/2=7.5* **I_{12}= 0.826/7.5=0.110**	
	13. C. Iacovita, **G. Stiufiuc**, A. Florea, R. Știufiuc, and CM Lucaciu, *Ultraviolet light assisted synthesis of magnetoplasmonic nanoparticles, Digest Journal of Nanomaterials and Biostructures*, 10, 4, 1209, (2015), **AIS=0.139**	n_{ef}= *5* **I_{13}= 0.139/5=0.027**	
	14. C. Iacovita, R. Știufiuc, T. Radu, A. Florea, **G. Stiufiuc**, AG. Dutu, S. Mican, R. Tetean, and CM Lucaciu, *Polyethylene Glycol-Mediated Synthesis of Cubic Iron Oxide Nanoparticles with High Heating Power*, Nanoscale Research Letters, 10, 391 (2015), **AIS=0.644**	n_{ef}= *(9+5)/2=7* **I_{14}= 0.644/7=0.092**	
	15. R. Știufiuc, C. Iacovita, **G. Stiufiuc**, A. Florea, M. Achim, and CM Lucaciu, *A new class of pegylated plasmonic liposomes: synthesis and characterization*, Journal of Colloid and Interface Science, 437, 17 (2015), **AIS=0.805**	n_{ef}= *(6+5)/2=5.5* **I_{15}=0.805/5.5=0.146**	
	16. R. Știufiuc, C. Iacovita, **G. Stiufiuc**, E. Bodoki, V. Chis, and CM Lucaciu, *Surface mediated chiral interactions between cyclodextrins and propranolol enantiomers: A SERS and DFT study*, Physical Chemistry Chemical Physics, 17, 1281 (2015), **AIS=1.158**	n_{ef}= *(6+5)/2=5.5* **I_{16}= 1.158/5.5=0.210**	
	17. R. Știufiuc, C. Iacovita, R. Nicoara, **G. Stiufiuc**, A. Florea, M. Achim, and CM Lucaciu, *One-Step Synthesis of PEGylated Gold Nanoparticles with Tunable Surface Charge*, Journal of Nanomaterials, 2013, 88 (2013), **AIS=0.370**	n_{ef}= *(7+5)/2=6* **I_{17}= 0.370/6=0.061**	
	18. R. Știufiuc, C. Iacovita, CM. Lucaciu, **G. Stiufiuc**, AG. Dutu, C. Braescu and N. Leopold, *SERS active silver colloids prepared by reduction of silver nitrate with short-chain polyethylene glycol*, Nanoscale Research Letters, 8, 1 (2013), **AIS=0.672**	n_{ef}= *(7+5)/2=6* **I_{18}= 0.672/6=0.112**	
	19. R. Știufiuc, C. Iacovita, CM Lucaciu, **G. Stiufiuc**, R. Nicoara, M. Oltean, V. Chis, E. Bodoki, *Adsorption geometry*	n_{ef}= *(8+5)/2=6.5*	

	of propranolol enantiomers on silver nanoparticles, Journal of Molecular Structure, 1031, 201 (2013), **AIS=0.289**	**I_{19}= 0.289/6.5=0.044**	
	20. R. Stiufiuc, F. Toderas, M. Iosin and **G. Stiufiuc**, *Anisotropic gold nanocrystals: synthesis and characterization*, International Journal of Modern Physics B, 24, 757 (2010), **AIS=0.2**	*n_{ef}= 4* **I_{20}= 0.2/4=0.05**	
	21. R. Stiufiuc, B. Grandidier, and **G. Stiufiuc**, *STM/STS investigation of silicon adatoms*, Optoelectronics and Advanced Materials - rapid communications, 3, 1005 (2009), **AIS=0.107**	*n_{ef}= 3* **I_{21}= 0.107/3=0.035**	
	22. H. Raffy, C. Murrils, A. Pomar, **G. Stiufiuc**, R. Stiufiuc, Z.Z. Li, *Anisotropy and vortex behaviour in BiSrCaCuO thin films and multilayers probed by columnar pinning centers*, Phys. Stat. Sol. (a), 203, 11, 2938 (2006), **AIS=0.450**	*n_{ef}= (6+5)/2=5.5* **I_{22}= 0.45/5.5=0.081**	
	23. G. Ilonca, S. Patapis, E. Macocian, F. Beiusan, T. Jurcut, **G. Stiufiuc**, R. Stiufiuc, *Synthesis, Magnetic and Transport Properties of $Ru_{1-x}Sb_xSr_2GdCuO_8$ Compounds*, Int. Journal of Modern Physics B, Vol. 18, 15, 2177 (2004), **AIS=0.200**	*n_{ef}= (7+5)/2=6* **I_{23}= 0.2/6=0.033**	
	24. R. Stiufiuc, **G. Stiufiuc**, E. Macocian, HRaffy, G. Ilonca, *Self Doping Effect Observed on Heavy Irradiated Bi 2212 Thin Films*, Int. J. Mod. Phys. B, vol.18, 15, 2203 (2004), **AIS=0.200**	*n_{ef}= (5+5)/2=5* **I_{24}= 0.2/5=0.04**	
	25. R.T.Yang, G.Ilonca, A.V.Pop, **G.Ştiufiuc** and C.Lung, *Activation Energy of $Bi_2Sr_2Ca_{1-x}Er_xCu_2O_{8+d}$ Epitaxial Thin Films*, International Conference on Physics and Chemistry of Molecular and Oxide Superconductors, 13-18 August, 2002, Hsinchu, Taiwan, Journal of Low Temperature Physics, 131, 539-543 (2003), **AIS=0.600**	*n_{ef}= 5* **I_{25}=0.6/5=0.12**	
	26. G. Ilonca, T.R. Yang, A. V. Pop, **G. Stiufiuc**, R. Stiufiuc and C. Lung, *Critical Currents of Bi: 2212 Doped by Fe and Ni*, Physica C 388-389, 425 (2003), **AIS=0.400**	*n_{ef}= (6+5)/2=5.5* **I_{26}= 0.4/5.5=0.072**	
	27. G. Ilonca, A.V. Pop, **G. Ştiufiuc**, C. Lung, R. Stiufiuc, *Activation Energy of $Bi_2Sr_2Ca(Cu_{1-x}Fe_x)_2O_{8+d}$ Thin Films*, Modern Physics Letters B, 15, 22, 959 (2001), **AIS=0.200**	*n_{ef}=5* **I_{27}=0.2/5=0.04**	
	28. G. Ilonca, A. V. Pop, **G. Ştiufiuc**, R. Stiufiuc and C. Lung, *Transport Phenomena in the Mixed State of $(Bi_{1.6}Pb_{0.4})Sr_2Ca_2(Cu_{1-x}Ga_x)_3O_y$ Bulk Materials*, Modern Physics Letters B, 15, 23, 1041 (2001), **AIS=0.200**	*n_{ef}=5* **I_{28}= 0.2/5=0.04**	
	29. G. Ilonca, A. V. Pop, T. Jurcut, E. Mococean, C. Beiuseanu, C. Lung, **G. Ştiufiuc**, R.Stiufiuc, M. Ye and R. Deltour, *Magnetic Field and Temperature Dependence of*	*n_{ef}= (10+5)/2=7.5*	

	the Thermal activated dissipation in Epitaxial Thin Films of $YBa_2(Cu_{1-x}Zn_x)_3O_{7-d}$*, Modern Physics Letters B*, 15, 22, 949 (2001), **AIS=0.200** 30. G. Ilonca, A.V. Pop, R. Stiufiuc, **G. Ştiufiuc**, C. Lung and S. Patapis, *Transport Phenomena in Mixed State and Fluctuation Regime in* $(Bi_{1.6}Pb_{0.4})Sr_2Ca_{1-x}Ho_x(Cu_{1-y}Zn_y)_2O_{8+d}$, Modern Physics Letters B, Vol. 15, No. 21, 929 (2001), **AIS=0.200** 31. G. Ilonca, A.V. Pop, T. Jurcut, **G. Tarta (Stiufiuc)** and R. Deltour, Transport phenomena in Zn substituted $Bi_2Sr_2Ca_{1-x}Gd_x(Cu_{1-y}Zn_y)_2O_{8+d}$, Physica B Condensed Matter, 284, 1099 (2000), **AIS=0.500** 32. G. Ilonca, A.V. Pop, T. Jurcut, C. Lung, **G. Ştiufiuc**, R. Stiufiuc, O. Furdui, E. Mococeanu and R. Deltour, Transport Phenomena in $La_{2-x}Ba_xCuO_y$ Epitaxial Thin Films, Mod. Phys. Lett. B, 14, 17-18, 639 (2000), **AIS=0.200** 33. G. Ilonca, AV Pop, **G. Tarta (Stiufiuc)**, T. Jurcut and R. Deltour, Galvanomagnetic Effects in Gd and Zn-Substituted $Bi_2Sr_2Ca_{1-x}Gd_x(Cu_{1-y}Zn_y)_2O_{8+\delta}$, Int. J. Mod. Phys. B, 13, 21-22 2767 (1999), **AIS=0.600**	**I_{29}= 0.2/7.5=0.026** n_{ef}= (6+5)/2=5.5 **I_{30}= 0.2/5.5=0.036** n_{ef}= 5 **I_{31}= 0.5/5=0.1** n_{ef}= (9+5)/2=7 **I_{32}=0.2/7=0.028** n_{ef}= 5/2=5 **I_{33}= 0.6/5=0.12**	
	Punctaj Total (I) ($I = \Sigma I_i = \Sigma AIS_i/n_{ef}$)	**I=2.639**	**I>=2**
Criteriu îndeplinit. Criteriu depășit cu 32%			
2.	Articole științifice originale in extenso ca prim autor sau autor corespondent **Am publicat în calitate de prim autor sau autor corespondent un număr de 8 de articole în reviste cotate ISI. Aceste articole sunt:** 1. **Gabriela Fabiola ȘTIUFIUC**, Rareș Ionuț Știufiuc, Magnetic Nanoparticles: Synthesis, Characterization, and Their Use in Biomedical Field, Applied Sciences, 14, 4, 1623 (2024), **AIS=0.414** 2. Radu Nicolae Revnic, **Gabriela Fabiola Știufiuc**, Valentin Toma, Anca Onaciu, Alin Moldovan, Adrian Bogdan Țigu, Eva Fischer-Fodor, Romulus Tetean, Emil Burzo, Rareș Ionuț Știufiuc, *Facile Microwave Assisted Synthesis of Silver Nanostars for Ultrasensitive Detection of Biological Analytes by SERS,* International Journal of Molecular Sciences, 23, 15, 8830, (2022), **AIS=0.681**	**P_1=0.414** **P_2=0.681**	

	3. **Gabriela Fabiola Știufiuc**, Valentin Toma, Anca Onaciu, Vasile Chiș, Constantin Mihai Lucaciu, Rareș Ionuț Știufiuc, *Proving Nanoscale Chiral Interactions of Cyclodextrins and Propranolol Enantiomers by Means of SERS Measurements Performed on a Solid Plasmonic Substrate*, Pharmaceutics, 3, 10, 1594 (2021), **AIS=0.879** 4. **Gabriela Fabiola Știufiuc**, Valentin Toma, Mihail Buse, Radu Mărginean, Gabriela Morar-Bolba, Bogdan Culic, Romulus Tetean, Nicolae Leopold, Ioana Pavel, Constantin Mihai Lucaciu, Rareș Ionuț Știufiuc, *Solid plasmonic substrates for breast cancer detection by means of SERS analysis of blood plasma,* Nanomaterials, 10, 6, 1212 (2020), **AIS=0.756** 5. **G. Stiufiuc**, S. Nitica, V. Toma, C. Iacovita, D. Zahn, R. Tetean, E. Burzo, C. Lucaciu, R. Știufiuc, *Synergistical use of electrostatic and hydrophobic interactions for the synthesis of a new class of nanohybrids: plasmonic magneto-liposomes,* Nanomaterials, 9, 11, 1623, (2019), **AIS=0.671** 6. Ș. Nițică, A. Moldovan, V. Toma, C. Moldovan, I. Berindan-Neagoe, **G. Știufiuc**, CM Lucaciu, R. Știufiuc, *PEGylated gold nanoparticles with intersting plasmonic properties synthesized using an original, rapid and easy to implement procedure,* Journal of Nanomaterials, 2018, 1, (2018), **AIS=0.411** 7. **G. Știufiuc**, V. Toma, A. Moldovan, R. Știufiuc, and CM Lucaciu, *One pot microwave assisted synthesis of cyclodextrines capped spherical gold nanoparticles*, Digest Journal of Nanomaterials and Biostructures, 12, 4, 1089, (2017), **AIS=0.143** 8. **G. Stiufiuc**, R. Stiufiuc, E. Macocian, G. Ilonca, *Anomalous Normal State Properties of Underdoped Bi 2212 Thin Films*, Int. J. Mod. Phys. B, vol.18, 15, 2209 (2004), **AIS=0.200**	**P_3=0.879** **P_4=0.756** **P_5=0.671** **P_6=0.411** **P_7=0.143** **P_8=0.2**	
	Punctaj total ($P=\Sigma P_i=\Sigma AIS_i$)	**P=4.155**	**P>=2**
Criteriu îndeplinit. Criteriu depășit cu 107%			

3. Recunoașterea impactului activității

Nr. Crt	Tipul activităților	Punctaj realizat	Punctaj minimal
1.	Citări în reviste științifice cu factor de impact care se regăsesc în InCites, Journal Citation Reports sau în cărți în edituri recunoscute Web of Science. Nu se iau în considerare citările provenind din articole care au ca autor sau co-autor candidatul. Lista cu citările articolelor la care sunt autor este următoare: 1. R. Știufiuc, C. Iacovita, CM. Lucaciu, **G. Stiufiuc**, AG. Dutu, C. Braescu and N. Leopold, *SERS active silver colloids prepared by reduction of silver nitrate with short-chain polyethylene glycol*, Nanoscale Research Letters, 8, 1 (2013), **89 citări** 2. C. Iacovita, R. Știufiuc, T. Radu, A. Florea, **G. Stiufiuc**, AG. Dutu, S. Mican, R. Tetean, and CM Lucaciu, *Polyethylene Glycol-Mediated Synthesis of Cubic Iron Oxide Nanoparticles with High Heating Power*, Nanoscale Research Letters, 10, 391 (2015), **53 citări** 3. R. Știufiuc, C. Iacovita, R. Nicoara, **G. Stiufiuc**, A. Florea, M. Achim, and CM Lucaciu, *One-Step Synthesis of PEGylated Gold Nanoparticles with Tunable Surface Charge*, Journal of Nanomaterials, 2013, 88 (2013), **41 citări** 4. D. Benedec, I. Oniga, F. Cuibus, B. Sevastre, **G. Stiufiuc**, M. Duma, D. Hanganu, C. Iacovita, R. Știufiuc, C. M. Lucaciu, *Origanum vulgare mediated green synthesis of biocompatible gold nanoparticles simultaneously possessing plasmonic, antioxidant and antimicrobial properties*, International Journal of Nanomedicine, 13, 1, (2018), **42 citări** 5. R. Știufiuc, C. Iacovita, **G. Stiufiuc**, E. Bodoki, V. Chis, and CM Lucaciu, *Surface mediated chiral interactions between cyclodextrins and propranolol enantiomers: A SERS and DFT study*, Physical Chemistry Chemical Physics, 17, 1281 (2015), 34 citări	n_{ef} *= (7+5)/2=6* **C_1=89/6=14.83** n_{ef}*= (9+5)/2=7* **C_2=53/7=7.57** n_{ef} *= (7+5)/2=6* **C_3=41/6=6.83** n_{ef}*= (10+5)/2=7.5* **C_4=42/7.5=5.6** n_{ef}*= (6+5)/2=5.5* **C_5=34/5.5=6.18**	

	6. Cristian Iacovita, Ionel Fizeșan, Anca Pop, Lavinia Scorus, Roxana Dudric, **Gabriela Stiufiuc**, Nicoleta Vedeanu, Romulus Tetean, Felicia Loghin, Rares Stiufiuc, Constantin Mihai Lucaciu, *In Vitro Intracellular Hyperthermia of Iron Oxide Magnetic Nanoparticles, Synthesized at High Temperature by a Polyol Process,* Pharmaceutics, 12, 5, 424 (2020), 27 citări	n_{ef}= *(11+5)/2=8* **C_6=27/8=3.37**	
	7. Cristian Iacovita, **Gabriela Fabiola Stiufiuc**, Roxana Dudric, Nicoleta Vedeanu, Romulus Tetean, Rares Ionut Stiufiuc, Constantin Mihai Lucaciu, *Saturation of specific absorption rate for soft and hard spinel ferrite nanoparticles synthesized by polyol process,* Magnetochemistry, 6, 2, 23 (2020), **25 citări**	n_{ef}= *(7+5)/2=6* **C_7=25/6=4.16**	
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	14. G. Ilonca, T.R. Yang, A. V. Pop, **G. Stiufiuc**, R. Stiufiuc and C. Lung, *Critical Currents of Bi: 2212 Doped by Fe and Ni*, Physica C 388-389, 425 (2003), **10 citări**	n_{ef}= (6+5)/2=5.5 **C_{14}=10/5.5=1.81**	
	15. G. Ilonca, A.V. Pop, Tzuen-Rong Yang, T. Jurcut, C. Lung, **G. Ştiufiuc**, R. Stiufiuc and I.A. Panfilescu, *Transport Properties and AC Susceptibility of* $(Bi_{1.6}Pb_{0.4})Sr_2Ca_2(Cu_{1-x}\ Co_x)_3O_y$ *Superconductors*, International Journal of Inorganic Materials, 3, 7, 763 (2001), **10 citări**	n_{ef}= (8+5)/2=6.5 **C_{15}=10/6.5=1.53**	
	16. G. Ilonca, A.V. Pop, T. R. Yang, I. Gr. Deac, C. Lung, R. Stiufiuc and **G. Ştiufiuc**, *Effects of Rare Earth Ions Substitution for Ca in (Bi,Pb): 2223 Superconductors*, International Journal of Inorganic Materials, 3, 7, 769 (2001), **8 citări**	n_{ef}= (7+5)/2=6 **C_{16}=8/6=1.33**	
	17. **Gabriela Fabiola Știufiuc**, Valentin Toma, Anca Onaciu, Vasile Chiș, Constantin Mihai Lucaciu, Rareș Ionuț Știufiuc, *Proving Nanoscale Chiral Interactions of Cyclodextrins and Propranolol Enantiomers by Means of SERS Measurements Performed on a Solid Plasmonic Substrate*, Pharmaceutics, 3, 10, 1594 (2021), **4 citări**	n_{ef}= (6+5)/2=5.5 **C_{17}=4/5.5=0.72**	
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	21. Vlad Cristian Munteanu, Raluca Andrada Munteanu, Diana Gulei, Radu Mărginean, Vlad Horia Schițcu, Anca Onaciu, Valentin Toma, **Gabriela Fabiola Știufiuc**, Ioan Coman, Rareș Ionuț Știufiuc, *New Insights into the Multivariate Analysis of SER Spectra Collected on Blood Samples for Prostate Cancer Detection: Towards a Better Understanding of the Role Played by Different Biomolecules on Cancer Screening: A Preliminary Study,* Cancers, 14, 13, 3227, (2022), **3 citări**	n_{ef}*= (10+5)/2=7.5* **C_{21}=3/7.5=0.4**	
	22. Cristian Silviu Moldovan, Anca Onaciu, Valentin Toma, Radu Marginean, Alin Moldovan, Adrian Bogdan Tigu, **Gabriela Fabiola Stiufiuc**, Constantin Mihai Lucaciu, Rares Ionut Stiufiuc, *Quantifying Cytosolic Cytochrome c Concentration Using Carbon Quantum Dots as a Powerful Method for Apoptosis Detection,* Pharmaceutics, 13, 10, 1556 (2021), **5 citări**	n_{ef}*= (9+5)/2=7* **C_{22}=5/7=0.71**	
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	24. Adrian Bartos, Ioana Iancu, Lidia Ciobanu, Anca Onaciu, Cristian Moldovan, Alin Moldovan, Radu Cristian Moldovan, Adrian Bogdan Tigu, **Gabriela Fabiola Stiufiuc**, Valentin Toma, Cornel Iancu, Nadim Al Hajjar, Rares Ionut Stiufiuc, *Hybrid Lipid Nanoformulations for Hepatoma Therapy: Sorafenib Loaded Nanoliposomes—A Preliminary Study,* Nanomaterials, 12, 16, 2833 (2022), **4 citări**	n_{ef}*= (13+5)/2=9* **C_{24}=4/9=0.44**	

	25. Radu Nicolae Revnic, **Gabriela Fabiola Știufiuc**, Valentin Toma, Anca Onaciu, Alin Moldovan, Adrian Bogdan Țigu, Eva Fischer-Fodor, Romulus Tetean, Emil Burzo, Rareș Ionuț Știufiuc, *Facile Microwave Assisted Synthesis of Silver Nanostars for Ultrasensitive Detection of Biological Analytes by SERS,* International Journal of Molecular Sciences, 23, 15, 8830, (2022), **2 citări** 26. H. Raffy, C. Murrils, A. Pomar, **G. Stiufiuc**, R. Stiufiuc, Z.Z. Li, *Anisotropy and vortex behaviour in BiSrCaCuO thin films and multilayers probed by columnar pinning centers*, Phys. Stat. Sol. (a), 203, 11, 2938 (2006), **3 citări** 27. Cristian Moldovan, Anca Onaciu, Valentin Toma, Raluca A. Munteanu, Diana Gulei, Alin I. Moldova, **Gabriela Fabiola Stiufiuc**, Richard I. Feder, Diana Cenariu, Cristina A. Iuga, Rares I. Stiufiuc, *Current trends in luminescence-based assessment of apoptosis,* RSC Advances, 13, 45, 31641 (2023), **2 citări** 28. Rareș-Mario Borșa, Valentin Toma, Anca Onaciu, Cristian-Silviu Moldovan, Radu Mărginean, Diana Cenariu, **Gabriela-Fabiola Știufiuc**, Cristian-Mihail Dinu, Simion Bran, Horia-Octavian Opriș, Sergiu Văcăraș, Florin Onișor-Gligor, Dorin Sentea, Mihaela-Felicia Băciuț, Cristina-Adela Iuga, Rareș-Ionuț Știufiuc, *Developing New Diagnostic Tools Based on SERS Analysis of Filtered Salivary Samples for Oral Cancer Detection*, International Journal of Molecular Sciences, 24, 15, 12125, (2023), **1 citare** 29. G. Ilonca, A.V. Pop, T. Jurcut, **G. Tarta (Stiufiuc)** and R. Deltour, Transport phenomena in Zn substituted $Bi_2Sr_2Ca_{1-x}Gd_x(Cu_{1-y}Zn_y)_2O_{8+d}$, Physica B Condensed Matter, 284, 1099 (2000), **6 citări**	*n_{ef}= (10+5)/2=7.5* **C_{25}=2/7.5=0.26** *n_{ef}= (6+5)/2=5.5* **C_{26}=3/5.5=0.72** *n_{ef}= (11+5)/2=8* **C_{27}=2/8=0.25** *n_{ef}= (16+15)/3=10.3* **C_{28}=1/10.3=0.09** *n_{ef}= 5* **C_{29}=6/5=1.2**	
	Punctaj total	**C=74.3**	**C>=20**
Criteriu îndeplinit. Criteriu depășit cu 271%			

2.	Indicele Hirsch Valoarea indicelui Hirsch este 11	11	5
	Punctaj total	**h=11**	**h>=5**
Criteriu îndeplinit. Criteriu depășit cu 120%			

Punctaj total:

Formulă calcul T=A+P/2+I/2+C/20+h/5

Punctaj candidat: T=2.038+2.639/2+4.155/2+74.3/20+11/5=2.038+1.319+2.077+3.715+2.2

T=11.349 puncte

Condiție minimă UBB Cluj: 5.25 puncte

Observație: Condiție îndeplinită. Punctaj minim depășit cu 116%.