

FISA DE VERIFICARE A INDEPLINIRII STANDARDELOR CNATDCU

Dr. Ing. Stefan G. Stanciu

Îndeplinirea standardelor minimale naționale conform OMENCs Nr. 6129 / 20.12.2016 [MO, I, 123 / 15.02.2017]	Standarde îndeplinite conform Comisiei CNATDCU Nr. 3 Fizica Anexata: Fisa de calcul si de susținere a îndeplinirii standardelor minimale specifice domeniului, in acord cu realizările menționate	
Condiții minimale [Punctaj]	Minim prevazut	Realizat
1. Activitatea didactica si profesionala (A)	2	26.903
2. Activitatea de cercetare		
3.1 Articole științifice originale in extenso ca autor (I)	4	10.637
3.2 Articole științifice originale in extenso ca prim autor sau autor corespondent, conform mențiunilor de pe articol. Nu se iau in considerare articolele la care autorii sunt menționai in ordine alfabetica iar candidatul este prim autor exclusiv datorita numelui acestuia si ordonării alfabetice (P)	4	21.552
3. Recunoașterea impactului activității		
3.1 Citări in reviste științifice cu factor de impact care se regăsesc in InCites Journal Citation Reports sau in cărți in edituri recunoscute Web of Science. Nu se iau in considerare citările provenind din articole care au ca autor sau coautor candidatul (C)	40	82.208
3.2 Indicele Hirsch (h)	10	12
Punctaj total CNATDCU $T= A+P/2+I/2+C/20+h/5$	12	49.508

Desfășurător

1. Activitatea didactica si profesionala

Tipul activitatilor	n_i	n_i^{ef}	Indicatori
A2. Capitole de cărți in edituri internaționale recunoscute Web of Science in calitate de autor / Review-uri in reviste cotate ISI			A ₂ =0.843
1. Multiphoton Microscopy of Oral Tissues, Martínez-Ojeda, R.M., Pérez-Cárceles, M.D., Ardelean, L.C., Stanciu, S.G. , Bueno, J.M., <i>Frontiers in Physics</i> , 8, p.128 (2020)	5	5	0.200
2. Effect of elasticity on the phagocytosis of micro/nanoparticles, Yao, C., Akakuru, O.U., Stanciu, S.G. , Hampp, N., Jin, Y., Zheng, J., Chen, G., Yang, F. and Wu, A., <i>Journal of Materials Chemistry B</i> , 8(12), pp.2381-2392 (2020)	9	7	0.143
3. Investigations on the elasticity of functional gold nanoparticles using single-molecule force spectroscopy, Sun, L., Riedel, R., Stanciu, S.G. , Yang, F., Hampp, N., Xu, L. and Wu, A., <i>Journal of Materials Chemistry B</i> , 6(19), pp.2960-2971 (2018)	7	6	0.167
4. Non-linear Characterizations of Surface Charge and Interfacial Morphology, Lang, S.B., Stanciu, G.A. Stanciu, S.G. , in “Biological Interactions with Surface Charge in Biomaterials”, ed. Syed A. M. Tofail, ISBN: 978-1-84973-185-0, RSC Nanoscience & Nanotechnology series, RSC Publishing (2011)	3	5	0.333
A5. Capitole de cărți in edituri naționale sau alte edituri internaționale ca autor			A ₅ =0.357
1. Scattering-type scanning near-field optical microscopy, G. A. Stanciu, D.E. Tranca, S.G. Stanciu , R. Hristu, C. Stoichita, in “Imaging Modalities for Biological and Preclinical Research: A Compendium: Volume 1”, Eds. A. Walter, J.G Mannheim and C.J. Caruana, Online ISBN: 978-0-7503-3059-6, Print ISBN: 978-0-7503-3057-2, IOP Publishing Ltd. (2021)	5	5	0.040
2. Transduction Process-Based Classification of Biosensors F. Yang, Y. Ma, S.G Stanciu , A. Wu, in “Nanobiosensors: From Design to Applications”, Eds. Aiguo Wu, Waheed S. Khan, © 2020 Wiley-VCH Verlag GmbH & Co. KGaA, Online ISBN: 9783527345137, Print ISBN: 9783527345106 (2020)	4	4	0.050
3. Compensating Light Intensity Attenuation in Confocal Scanning Laser Microscopy by Histogram Modelling Methods, Stanciu, S.G. , Stanciu, G.A. and Coltuc, D., in “Digital Image Processing”, Ed. S.G. Stanciu, ISBN 978-953-307-801-4, InTech Open Access Publisher (2012)	3	3	0.067

4. Image Fusion Methods for Confocal Scanning Laser Microscopy experimented on Images of Photonic Quantum Ring Laser Devices Stanciu, S.G. , in “Image Fusion” Ed. Osamu Ukimura, ISBN 978-953-7619-X-X, INTECH Open Access Publisher (2011)	1	1	0.200
A6. Lucrări in extenso (cel puțin 3 pagini) publicate in Proceedings-uri indexate ISI			A ₆ =1.177
1. Stanciu SG , Tranca DE, Pastorino L, Boi S, Song YM, Yoo YJ, Ishii S, Yang F, Wu A, Hristu R, Stanciu GA. Quantitative imaging of advanced nanostructured materials with scattering-type scanning near field optical microscopy. In Fourth International Conference on Applications of Optics and Photonics 2019 Oct 3 (Vol. 11207, p. 112071K). International Society for Optics and Photonics.	11	8	0.025
2. Hristu R, Paun B, Eftimie L, Stanciu SG , Tranca DE, Stanciu GA. Changes in the collagen structure of thyroid nodule capsules determined by polarization-resolved second harmonic generation microscopy. In 2018 20th International Conference on Transparent Optical Networks (ICTON) 2018 Jul 1 (pp. 1-4). IEEE.	6	5.5	0.036
3. Stanciu GA, Tranca DE, Hristu R, Stanciu SG , Holban AM, Toma A, Stoichita C. A new technique in scanning near field optical microscopy used for investigations on the biological samples. In 2018 20th International Conference on Transparent Optical Networks (ICTON) 2018 Jul 1 (pp. 1-3). IEEE.	7	6	0.033
4. Stanciu SG , Hristu R, Dumitru A, Buga RM, Totu T, Popescu M, Costache M. Towards automated tissue characterization using parallel bag-of-features experts dealing with two-photon excitation fluorescence and second harmonic generation microscopy datasets. In 2018 20th International Conference on Transparent Optical Networks (ICTON) 2018 Jul 1 (pp. 1-4). IEEE.	7	6	0.033
5. Tranca DE, Stoichita C, Hristu R, Stanciu SG , Sammut CV, Stanciu GA. Nanoscale Investigations of Optical Fiber by Using Scattering Scanning Near-Field Optical Microscopy. In 2018 20th International Conference on Transparent Optical Networks (ICTON) 2018 Jul 1 (pp. 1-3). IEEE.	6	5.5	0.036
6. Ünay D, Stanciu SG . Robustness of sift feature descriptors to imaging parameters in laser scanning microscopy. In 2018 26th Signal Processing and Communications Applications Conference (SIU) 2018 May 2 (pp. 1-4). IEEE.	2	2	0.100
7. Stanciu GA, Tranca DE, Stanciu SG , Stoichita C, Hristu R. Nanoscale imaging by using label free microscopy techniques. In 2017 19th International Conference on	5	5	0.040

Transparent Optical Networks (ICTON) 2017 Jul 2 (pp. 1-4). IEEE.			
8. Stanciu GA, Tranca DE, Hristu R, Stanciu SG , Stoichita C, Toma A. Nonlinear optical effects used for investigations on biological samples at micro and nanoscale. In2016 18th International Conference on Transparent Optical Networks (ICTON) 2016 Jul 10 (pp. 1-3). IEEE.	6	5.5	0.036
9. Ionita GM, Coltuc D, Stanciu SG , Tranca DE. Automatic moiré pattern removal in microscopic images. In2015 19th International Conference on System Theory, Control and Computing (ICSTCC) 2015 Oct 14 (pp. 776-779). IEEE.	4	4	0.050
10. Stanciu SG , Hristu R, Tranca DE, Stanciu GA. Bags of features for classification of Laser Scanning Microscopy data. In2015 17th International Conference on Transparent Optical Networks (ICTON) 2015 Jul 5 (pp. 1-4). IEEE.	4	4	0.050
11. Dragoi IC, Stanciu SG , Coltuc D, Tranca DE, Hristu R, Stanciu GA. On packing laser scanning microscopy images by reversible watermarking: A case study. In2015 23rd European Signal Processing Conference (EUSIPCO) 2015 (pp. 66-70). IEEE.	5	5	0.040
12. Hristu R, Tofail SA, Stanciu SG , Tranca DE, Stanciu GA. Hydroxyapatite surface charge investigated by scanning probe microscopy. In2014 16th International Conference on Transparent Optical Networks (ICTON) 2014 Jul 6 (pp. 1-4). IEEE.	5	5	0.040
13. Stanciu SG , Tranca DE, Tarpani L, Stanciu GA, Hristu R, Latterini L. Investigations on organic fluorophore doped silica nanoparticles by apertureless scanning near-field optical microscopy. In2014 16th International Conference on Transparent Optical Networks (ICTON) 2014 Jul 6 (pp. 1-4). IEEE.	6	5.5	0.036
14. Stanciu GA, Tranca DE, Hristu R, Stoichita C, Stanciu SG . Investigations at nanoscale by using fluorescence in apertureless scanning near field microscopy. In2013 15th International Conference on Transparent Optical Networks (ICTON) 2013 Jun 23 (pp. 1-3). IEEE.	5	5	0.040
15. Stanciu GA, Stoichita C, Hristu R, Stanciu SG , Tranca DE. Metallic samples investigated by using a scattering near field optical microscope. In2012 14th International Conference on Transparent Optical Networks (ICTON) 2012 Jul 2 (pp. 1-3). IEEE.	5	5	0.040
16. Stanciu GA, Hristu R, Stanciu SG , Kwon OD, Kim DK. Optical induced current technique used to investigate the photonic quantum ring laser. In2010 12th International Conference on Transparent Optical Networks 2010 Jun 27 (pp. 1-3). IEEE.	5	5	0.040
17. Hristu R, Polychroniadis EK, Stanciu SG , Stanciu GA. Investigations on SiC by using nonlinear effects in	4	4	0.050

scanning laser microscopy. In2011 13th International Conference on Transparent Optical Networks 2011 Jun 26 (pp. 1-4). IEEE.			
18. Stanciu SG , Coltuc D, Stanciu GA, Andreadou A, Mantzari A, Polychroniadis EK. Automatic estimation of stacking fault density in SiC specimens imaged by transmission electron microscopy. In2011 13th International Conference on Transparent Optical Networks 2011 Jun 26 (pp. 1-4). IEEE.	6	5.5	0.036
19. Stanciu GA, Stoichita C, Stanciu SG . Scanning laser microscopy: From far field to near field. In2009 11th International Conference on Transparent Optical Networks 2009 Jun 28 (pp. 1-5). IEEE.	3	3	0.067
20. Stanciu SG , Hristu R, Boriga R, Stanciu G. Feature based recognition of photonic devices in images obtained by confocal scanning laser microscopy. In2009 11th International Conference on Transparent Optical Networks 2009 Jun 28 (pp. 1-4). IEEE.	4	4	0.050
21. Stanciu SG , Friedmann J. Compensating the effects of light attenuation in confocal microscopy by histogram modelling techniques. In2008 2nd ICTON Mediterranean Winter 2008 Dec 11 (pp. 1-5). IEEE.	2	2	0.100
22. Stanciu GA, Stanciu SG , Hristu R, Kim DK, Kwon OD. Photonic-corrall-mode quantum ring lasers investigated by laser scanning microscopy and near field microscopy. In2008 2nd ICTON Mediterranean Winter 2008 Dec 11 (pp. 1-4). IEEE.	5	5	0.040
23. Sachelarie D, Predusca G, Stanciu GA, Stanciu SG . Tunneling at emitter periphery in silicon nitride passivated InP/InGaAs HBTs. In2008 20th International Conference on Indium Phosphide and Related Materials 2008 May 25 (pp. 1-4). IEEE.	4	4	0.050
24. Stanciu GA, Stanciu SG , Hristu R, Kwon OD, Kim DK. Investigation on photonic-corrall-mode quantum ring lasers by laser scanning microscopy. In2008 10th Anniversary International Conference on Transparent Optical Networks 2008 Jun 22 (Vol. 4, pp. 40-42). IEEE.	5	5	0.040
25. Stanciu SG , Hristu R, Savu B, Stanciu GA, Mohanta D, Ahmed GA, Choudhury A. Investigation on CdS: Mn quantum dots using scanning laser microscopy. In2007 ICTON Mediterranean Winter Conference 2007 Dec 6 (pp. 1-4). IEEE.	7	6	0.033
26. Stanciu G, Stanciu SG , Dan C, Paraskevopoulos KM, Chatzistavrou X, Kontonasaki E, Koidis P. Surface Topography Characterization of Apatite Formation on Bioactive Glass Modified Dental Ceramics Using Confocal Laser Scanning CLSM) and Environmental Scanning Electron Microscopy (ESEM). InKey	7	6	0.033

Engineering Materials 2006 (Vol. 309, pp. 689-692). Trans Tech Publications Ltd.		
A10. Director/responsabil pentru proiecte de cercetare in valoare de V_i euro câștigate prin competitie națională sau internațională		$A_{10}=24.527$
Detalii proiect	V_i	$V_i/100.000$
<p>1. RO-NO-2019-0601: „Înțelegerea proceselor dinamice ale membranelor celulare si ale implicațiilor acestora in raport cu geneza si dezvoltarea cancerelor prin nanoscopie corelativa optica si inteligenta artificiala” MEDYCONAI, 2021-2023, Calitate: Director de proiect</p> <p>Proiect derulat in colaborare cu Spitalul Universitar din Oslo, Norvegia</p> <p>Valoare totala proiect: 1,633,450 EUR</p>	1633450	16.335
<p>2. PN-III-P1-1.1-TE-2019-1339: „Augmentarea Tehnicilor de Imagistica Optica la Micro- și Nanoscala prin Rețele Adversare Generative” OPTIGAN, 2021-2022, Calitate: Director de proiect</p> <p>Valoare totala proiect: 431,900 RON (89,289 EUR) Curs Euro 2020: 4.8371</p>	89289	0.893
<p>3. PN-III-P2-2.1-PED-2019-1666: „Metoda pentru diagnosticul rapid si precis al cancerelor gastrice bazata pe tehnici de microscopie cu efecte optice neliniare si inteligenta artificiala prin Deep Learning” GASTRODEEP, 2020-2022, Calitate: Director de proiect</p> <p>Proiect derulat in colaborare cu Universitatea de Medicina si Farmacie Carol Davila, Bucuresti</p> <p>Valoare totala proiect: 600,000 RON (124,041 EUR) Curs Euro 2020: 4.8371</p>	124041	1.240
<p>4. H2020 ATTRACT Id. 1039: “A novel approach for near-field optical microscopy based on tip-enhanced fluorescence via plasmon resonance energy transfer” TEFPLASNOM, 2019-2020, Calitate: Director de proiect</p> <p>Proiect derulat in colaborare cu Universitatea din Perugia, Italia</p> <p>Valoare totala proiect: 100,000 EUR</p>	100000	1.000

<p>5. H2020 ATTRACT Id. 1052: “Higher-harmonic Generation Microscopy Beyond the Diffraction Barrier based on Re-scan Strategies for Optical Data Acquisition” HARMOPLUS, 2019-2020, Calitate: Director de proiect</p> <p>Proiect derulat in colaborare cu Confocal.nl, Olanda</p> <p>Valoare totala proiect: 100,000 EUR</p>	100000	1.000
<p>6. PN-III-P1-1.1-TE-2016-2147: “Imagistica optica corelativa in regimurile camp-apropiat si camp-indepartat: dezvoltari tehnice si aplicatii” CORIMAG, 2018-2020, Calitate: Director de proiect</p> <p>Valoare totala proiect: 449,995 RON (96,700 EUR) Curs Euro 2018: 4.6535</p>	96700	0.967
<p>7. PN-III-P3-3.1-PM-RO-CN-2018-0177: “Noi Abordari in Imagistica Optica pentru Intelegerea Aprofundata a Materialelor Avansate Nanostructurate si a Interactiunilor Acestora cu Speciile Biologice” NANOMATBIOIMAGE, 2018-2019, Calitate: Director de Proiect</p> <p>Proiect derulat in colaborare cu Institutul pentru Tehnologia si Ingineria Materialelor din Ningbo, China</p> <p>Valoare totala proiect: 50,800 RON (10,917 EUR) Curs Euro 2018: 4.6535</p>	10917	0.109
<p>8. PN-III-P2-2.1-PED-2016: “Platforma experimentală bazată pe inteligența artificială pentru diferențierea automată a tesuturilor sănatoase, displastice și maligne investigate prin tehnici de microscopie cu fotoni multipli” MICAND, 2017-2018, Calitate: Director de proiect</p> <p>Proiect derulat in colaborare cu Universitatea de Medicina si Farmacie Carol Davila, Bucuresti</p> <p>Valoare totala proiect: 599,200 RON, (131,171 EUR) Curs Euro 2017: 4.5681</p>	131171	1.312
<p>9. 51BM/2017: “Investigatii asupra functiilor si micro-structurii sistemului de secretie al celulelor prin tehnici de imagistica de inalta rezolutie” CESESYS, 2016-2017, Calitate: Director de proiect</p>	50160	0.112

<p>Proiect derulat in colaborare cu Academia de Stiinte Guangxi din Nanning, China</p> <p>Valoare totala proiect: 50,160 RON (11,170 EUR) Curs Euro 2016: 4.4908</p>		
<p>10. PN-II-RU-TE-2014-4-1803: Corelarea si integrarea datelor achizitionate prin tehnici de microscopie si nanoscopie prin metode avansate de viziune artificiala, MICRONANO, 2015-2017, Calitate: Director de proiect</p> <p>Valoare totala proiect: 548,625 RON (123,425 EUR)</p> <p>Curs Euro 2015: 4.445</p>	123425	1.234
<p>11. SCIEX NMS-CH 12.135: “Registration and fusion of high resolution imaging data” MICROREF, 2013, Calitate: Director de proiect – SCIEX Postdoctoral Research Fellow</p> <p>Proiect implementat la ETH Zurich</p> <p>Valoare totala proiect: 40,000 CHF (32,495 EUR) Curs CHF 2013: 3.5899; Curs Euro 2013: 4.4190</p>	32495	0.325

$$A=A2+A5+A6+A10=26.903$$

2. Activitatea de cercetare

2.1 Articole stiintifice originale in extenso ca autor				I=10.637
Titlu articol	AIS	n _i	n _i ^{ef}	Indicatori
1. Chen, X., Yao, Z., Stanciu, S. G. , Basov, D. N., Hillenbrand, R., & Liu, M. (2021). Rapid simulations of hyperspectral near-field images of three-dimensional heterogeneous surfaces. <i>Optics Express</i> , 29(24), 39648-39668.	0.845	6	5.5	0.154
2. Chen, X., Yao, Z., Xu, S., McLeod, A.S., Corder, S.N.G., Zhao, Y., Tsuneto, M., Bechtel, H.A., Martin, M.C., Carr, G.L., Fogler, M.M., Stanciu, S.G. , Basov, D.N., Liu, M., Hybrid Machine Learning for Scanning Near-field Optical Spectroscopy, <i>ACS Photonics</i> , 2021, 8, 10, 2987–2996	2.093	14	9.5	0.220

3. Hristu, R., Stanciu, S. G. , Dumitru, A., Paun, B., Floroiu, I., Costache, M., & Stanciu, G. A. (2021). Influence of hematoxylin and eosin staining on the quantitative analysis of second harmonic generation imaging of fixed tissue sections. <i>Biomedical Optics Express</i> , 12(9), 5829-5843.	0.965	7	6	0.161
4. Lucidi M, Hristu R, Nichele L, Stanciu GA, Visca P, Banica CK, Cincotti G, Stanciu SG . Characterization of <i>Acinetobacter baumannii</i> Filamentous Cells by Re-Scan Confocal Microscopy and Complementary Fluorometric Approaches. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> . 2021 Jan 1;27(5):1-7.	1.049	8	6.5	0.161
5. Chenyang Y, Fang Y, Li S, Yuanyuan M, Stanciu SG , Zihou L, Chuang L, Akakuru OU, Lipeng X, Norbert H, Huanming L., Wu. A, Magnetically switchable mechano-chemotherapy for enhancing the death of tumour cells by overcoming drug-resistance. <i>Nano Today</i> . 2020 Dec 1;35:100967.	4.467	12	8.5	0.526
6. Lucidi M, Tranca DE, Nichele L, Ünay D, Stanciu GA, Visca P, Holban AM, Hristu R, Cincotti G, Stanciu SG . SSNOMBACTER: A collection of scattering-type scanning near-field optical microscopy and atomic force microscopy images of bacterial cells. <i>GigaScience</i> . 2020 Nov;9(11):giaa129.	3.410	10	7.5	0.455
7. Buga RM, Totu T, Dumitru A, Costache M, Floroiu I, Sladoje N, Stanciu SG . HISTOBREAST, a collection of brightfield microscopy images of Haematoxylin and Eosin stained breast tissue. <i>Scientific Data</i> . 2020 Jun 5;7(1):1-0.	3.245	7	6	0.541
8. Lucidi M, Hristu R, Nichele L, Stanciu GA, Tranca DE, Holban AM, Visca P, Stanciu SG , Cincotti G. STED nanoscopy of KK114-stained pathogenic bacteria. <i>Journal of Biophotonics</i> . 2020 Sep;13(9):e202000097.	0.744	9	7	0.106
9. Huttunen MJ, Hristu R, Dumitru A, Floroiu I, Costache M, Stanciu SG . Multiphoton microscopy of the dermoepidermal junction and automated identification of dysplastic tissues with deep learning. <i>Biomedical optics express</i> . 2020 Jan 1;11(1):186-99.	0.965	6	5.5	0.175
10. Hristu R, Eftimie LG, Paun B, Stanciu SG , Stanciu GA. Pixel-level angular quantification of capsular collagen in second harmonic generation microscopy images of encapsulated thyroid nodules. <i>Journal of Biophotonics</i> . 2020 Sep 5:e202000262.	0.744	5	5	0.149
11. Bueno JM, Ávila FJ, Hristu R, Stanciu SG , Eftimie L, Stanciu GA. Objective analysis of collagen	0.412	6	5.5	0.075

organization in thyroid nodule capsules using second harmonic generation microscopy images and the Hough transform. <i>Applied Optics</i> . 2020 Aug 10;59(23):6925-31.				
12. Yoo YJ, Kim WG, Ko JH, Kim YJ, Lee Y, Stanciu SG , Lee JM, Kim S, Oh JW, Song YM. Large-Area Virus Coated Ultrathin Colorimetric Sensors with a Highly Lossy Resonant Promoter for Enhanced Chromaticity. <i>Advanced Science</i> . 2020 Sep;7(18):2000978.	3.815	10	7.5	0.509
13. Tranca DE, Stanciu SG , Hristu R, Latterini L, Stanciu GA. Surface optical characterization at nanoscale using phasor representation of data acquired by scattering scanning near-field optical microscopy. <i>Applied Surface Science</i> . 2020 Apr 15;509:145347.	0.873	5	5	0.175
14. Yao C, Akakuru OU, Stanciu SG , Hampp N, Jin Y, Zheng J, Chen G, Yang F, Wu A. Effect of elasticity on the phagocytosis of micro/nanoparticles. <i>Journal of Materials Chemistry B</i> . 2020;8(12):2381-92.	0.921	9	7	0.132
15. Characterization of Nanomaterials by Locally Determining their Complex Permittivity with Scattering-Type Scanning Near Field Optical Microscopy, S.G. Stanciu , D.E. Tranca, L. Pastorino, S. Boi, Y.M. Song, Y.J. Yoo; S. Ishii; R. Hristu; F. Yang, G. Buseti, G.A. Stanciu, <i>ACS Applied Nano Materials</i> , 3 (2), 1250-1262 (2020)	0.878	11	8	0.110
16. Paun B, Hristu R, Stanciu SG , Dumitru AV, Costache M, Stanciu GA. Strategies for Optimizing the Determination of Second-Order Nonlinear Susceptibility Tensor Coefficients for Collagen in Histological Samples. <i>IEEE Access</i> . 2019 Aug 26;7:135210-9.	0.643	6	5.5	0.117
17. Ma Y, Xia J, Yao C, Yang F, Stanciu SG , Li P, Jin Y, Chen T, Zheng J, Chen G, Yang H, Luo L., Wu A, Precisely Tuning the Contrast Properties of Zn x Fe _{3-x} O ₄ Nanoparticles in Magnetic Resonance Imaging by Controlling Their Doping Content and Size. <i>Chemistry of Materials</i> . 2019 Aug 14;31(18):7255-64.	2.436	12	8.5	0.287
18. Liang Y, Wang P, Wang Y, Dai Y, Hu Z, Tranca DE, Hristu R, Stanciu SG , Toma A, Stanciu GA, Wang X, E Fu. Growth Mechanisms and the Effects of Deposition Parameters on the Structure and Properties of High Entropy Film by Magnetron Sputtering. <i>Materials</i> . 2019 Jan;12(18):3008.	0.543	12	8.5	0.064
19. Totu T, Buga RM, Dumitru A, Costache M, Sladoje N, Stanciu SG . An objective scoring framework for	0.836	6	5.5	0.152

histology slide image mosaics applicable for the reliable benchmarking of image quality assessment algorithms. <i>IEEE Access</i> . 2018 Aug 31;6:53080-91.				
20. Ünay D, Stanciu SG . An evaluation on the robustness of five popular keypoint descriptors to image modifications specific to laser scanning microscopy. <i>IEEE Access</i> . 2018 Jul 13;6:40154-64.	0.836	2	2	0.418
21. Hristu R, Eftimie LG, Stanciu SG , Tranca DE, Paun B, Sajin M, Stanciu GA. Quantitative second harmonic generation microscopy for the structural characterization of capsular collagen in thyroid neoplasms. <i>Biomedical optics express</i> . 2018 Aug 1;9(8):3923-36.	0.893	7	6	0.149
22. Sun L, Riedel R, Stanciu SG , Yang F, Hampp N, Xu L, Wu A. Investigations on the elasticity of functional gold nanoparticles using single-molecule force spectroscopy. <i>Journal of Materials Chemistry B</i> . 2018;6(19):2960-71.	0.916	7	6	0.153
23. Tranca DE, Stanciu SG , Hristu R, Witgen BM, Stanciu GA. Nanoscale mapping of refractive index by using scattering-type scanning near-field optical microscopy. <i>Nanomedicine: Nanotechnology, Biology and Medicine</i> . 2018 Jan 1;14(1):47-50.	1.132	5	5	0.226
24. Stanciu SG , Ávila FJ, Hristu R, Bueno JM. A study on image quality in polarization-resolved second harmonic generation microscopy. <i>Scientific reports</i> . 2017 Nov 13;7(1):1-2.	1.356	4	4	0.339
25. Stanciu SG , Tranca DE, Hristu R, Stanciu GA. Correlative imaging of biological tissues with apertureless scanning near-field optical microscopy and confocal laser scanning microscopy. <i>Biomedical optics express</i> . 2017 Dec 1;8(12):5374-83.	0.978	4	4	0.245
26. Hristu R, Stanciu SG , Tranca DE, Stanciu GA. Improved quantification of collagen anisotropy with polarization-resolved second harmonic generation microscopy. <i>Journal of biophotonics</i> . 2017 Sep;10(9):1171-9.	0.930	4	4	0.233
27. Hristu R, Stanciu SG , Tranca DE, Polychroniadis EK, Stanciu GA. Identification of stacking faults in silicon carbide by polarization-resolved second harmonic generation microscopy. <i>Scientific reports</i> . 2017 Jul 7;7(1):1-9.	1.356	5	5	0.271
28. Stanciu SG , Tranca DE, Ruggiero C, Stanciu GA, Dellacasa E, Antipov A, Hristu R, Pastorino L. Combined far-field, near-field and topographic imaging of nano-engineered polyelectrolyte capsules. <i>Materials Letters</i> . 2016 Nov 15;183:105-8.	0.437	8	6.5	0.067

29. Stanciu SG , Tranca DE, Stanciu GA, Hristu R, Bueno JM. Perspectives on combining Nonlinear Laser Scanning Microscopy and Bag-of-Features data classification strategies for automated disease diagnostics. <i>Optical and Quantum Electronics</i> . 2016 Jun 1;48(6):320.	0.172	5	5	0.034
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31. Stanciu SG , Costache M, Tranca DE, Hristu R, Popescu M, Enache V, Stanciu GA. Towards imaging skin cancer by apertureless scanning near-field optical microscopy. <i>University Politehnica Of Bucharest Scientific Bulletin-Series A-Applied Mathematics And Physics</i> . 2016 Jan 1;78(2):235-44.	0.052	7	6	0.009
32. Kartsonakis IA, Stanciu SG , Matei AA, Hristu R, Karantonis A, Charitidis CA. A comparative study of corrosion inhibitors on hot-dip galvanized steel. <i>Corrosion Science</i> . 2016 Nov 1;112:289-307.	0.903	6	5.5	0.164
33. Tranca D, Stanciu SG , Hristu R, Stoichita C, Stanciu GA. Amplitude and phase reconstruction issues in scattering scanning near-field optical microscopy. <i>Sci. Bull. Politeh. Univ. Bucharest Ser. A</i> . 2016 Jan 1;78:253-62.	0.052	5	5	0.010
34. Tranca DE, Sánchez-Ortiga E, Saavedra G, Martínez-Corral M, Tofail SA, Stanciu SG , Hristu R, Stanciu GA. Mapping electron-beam-injected trapped charge with scattering scanning near-field optical microscopy. <i>Optics letters</i> . 2016 Mar 1;41(5):1046-9.	0.882	8	6.5	0.136
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ZK30 variant. <i>Corrosion Science</i> . 2015 Nov 1;100:194-208.				
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39. Tranca DE, Stanciu SG , Hristu R, Stoichita C, Tofail SA, Stanciu GA. High-resolution quantitative determination of dielectric function by using scattering scanning near-field optical microscopy. <i>Scientific reports</i> . 2015 Jul 3;5(1):1-9.	1.863	6	5.5	0.339
40. Stanciu SG , Xu S, Peng Q, Yan J, Stanciu GA, Welsch RE, So PT, Csucs G, Yu H. Experimenting liver fibrosis diagnostic by two photon excitation microscopy and bag-of-features image classification. <i>Scientific reports</i> . 2014 Apr 10;4(1):1-2.	2.075	9	7	0.296
41. Hristu R, Stanciu SG , Tranca DE, Matei A, Stanciu GA. Nonlinear optical imaging of defects in cubic silicon carbide epilayers. <i>Scientific reports</i> . 2014 Jun 11;4(1):1-6.	2.075	5	5	0.415
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50. Filipescu M, Velisa G, Ion V, Andrei A, Scintee N, Ionescu P, Stanciu SG , Pantelica D, Dinescu M. Silicon carbide thin films as nuclear ceramics grown by laser ablation. <i>Journal of nuclear materials</i> . 2011 Sep 1;416(1-2):18-21.	0.587	9	7	0.084
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52. Stanciu SG , Stanciu GA, Coltuc D. Automated compensation of light attenuation in confocal microscopy by exact histogram specification. <i>Microscopy research and technique</i> . 2010 Mar;73(3):165-75.	0.600	3	3	0.200
53. Stanciu SG , Hristu R, Boriga R, Stanciu GA. On the suitability of SIFT technique to deal with image modifications specific to confocal scanning laser microscopy. <i>Microscopy and Microanalysis</i> . 2010 Oct 1;16(5):515.	1.384	4	4	0.346
54. Dutta N, Mohanta D, Ahmed GA, Choudhury A, Hristu R, Stanciu SG , Stanciu GA. Two photon emission and nonlinear optical imaging of acetonitrile-treated quasi-spherical nanoscale PbS systems. <i>IEEE Photonics Journal</i> . 2010 Nov 18;2(6):1060-8.	1.041	7	6	0.174

2.2 Articole științifice originale in extenso ca prim autor sau autor correspondent, conform mentiunilor de pe articol.	P=21.552
Titlu articol	AIS

1. Lucidi M, Hristu R, Nichele L, Stanciu GA, Visca P, Banica CK, Cincotti G, Stanciu SG . Characterization of <i>Acinetobacter baumannii</i> Filamentous Cells by Re-Scan Confocal Microscopy and Complementary Fluorometric Approaches. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> . 2021 Jan 1;27(5):1-7.	1.049
2. Lucidi M, Tranca DE, Nichele L, Ünay D, Stanciu GA, Visca P, Holban AM, Hristu R, Cincotti G, Stanciu SG . SSNOMBACTER: A collection of scattering-type scanning near-field optical microscopy and atomic force microscopy images of bacterial cells. <i>GigaScience</i> . 2020 Nov;9(11):giaa129.	3.410
3. Buga RM, Totu T, Dumitru A, Costache M, Floroiu I, Sladoje N, Stanciu SG . HISTOBREAST, a collection of brightfield microscopy images of Haematoxylin and Eosin stained breast tissue. <i>Scientific Data</i> . 2020 Jun 5;7(1):1-0.	3.245
4. Lucidi M, Hristu R, Nichele L, Stanciu GA, Tranca DE, Holban AM, Visca P, Stanciu SG , Cincotti G. STED nanoscopy of KK114-stained pathogenic bacteria. <i>Journal of Biophotonics</i> . 2020 Sep;13(9):e202000097.	0.744
5. Huttunen MJ, Hristu R, Dumitru A, Floroiu I, Costache M, Stanciu SG . Multiphoton microscopy of the dermoepidermal junction and automated identification of dysplastic tissues with deep learning. <i>Biomedical optics express</i> . 2020 Jan 1;11(1):186-99.	0.965
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8. Ünay D, Stanciu SG . An evaluation on the robustness of five popular keypoint descriptors to image modifications specific to laser scanning microscopy. <i>IEEE Access</i> . 2018 Jul 13;6:40154-64.	0.836
9. Stanciu SG , Ávila FJ, Hristu R, Bueno JM. A study on image quality in polarization-resolved second harmonic generation microscopy. <i>Scientific reports</i> . 2017 Nov 13;7(1):1-2.	1.356
10. Stanciu SG , Tranca DE, Hristu R, Stanciu GA. Correlative imaging of biological tissues with apertureless scanning near-field optical microscopy and confocal laser scanning microscopy. <i>Biomedical optics express</i> . 2017 Dec 1;8(12):5374-83.	0.978
11. Stanciu SG , Tranca DE, Ruggiero C, Stanciu GA, Dellacasa E, Antipov A, Hristu R, Pastorino L. Combined far-field, near-field and topographic imaging of nano-engineered polyelectrolyte capsules. <i>Materials Letters</i> . 2016 Nov 15;183:105-8.	0.437
12. Stanciu SG , Tranca DE, Stanciu GA, Hristu R, Bueno JM. Perspectives on combining Nonlinear Laser Scanning Microscopy and Bag-of-Features data classification strategies for automated disease diagnostics. <i>Optical and Quantum Electronics</i> . 2016 Jun 1;48(6):320.	0.172

13. Dragoi IC, Stanciu SG , Hristu R, Coanda HG, Tranca DE, Popescu M, Coltuc D. Embedding complementary imaging data in laser scanning microscopy micrographs by reversible watermarking. <i>Biomedical optics express</i> . 2016 Apr 1;7(4):1127-37.	0.950
14. Stanciu SG , Costache M, Tranca DE, Hristu R, Popescu M, Enache V, Stanciu GA. Towards imaging skin cancer by apertureless scanning near-field optical microscopy. <i>University Politehnica Of Bucharest Scientific Bulletin-Series A-Applied Mathematics And Physics</i> . 2016 Jan 1;78(2):235-44.	0.064
15. Stanciu SG , Tranca DE, Coltuc D. Contrast enhancement influences the detection of gradient based local invariant features and the matching of their descriptors. <i>Journal of Visual Communication and Image Representation</i> . 2015 Oct 1;32:246-56.	0.497
16. Stanciu SG , Xu S, Peng Q, Yan J, Stanciu GA, Welsch RE, So PT, Csucs G, Yu H. Experimenting liver fibrosis diagnostic by two photon excitation microscopy and bag-of-features image classification. <i>Scientific reports</i> . 2014 Apr 10;4(1):1-2.	2.075
17. Stanciu SG , Hristu R, Stanciu GA. Influence of confocal scanning laser microscopy specific acquisition parameters on the detection and matching of speeded-up robust features. <i>Ultramicroscopy</i> . 2011 Apr 1;111(5):364-74.	1.076
18. Stanciu SG , Hristu R, Boriga R, Stanciu GA. On the suitability of SIFT technique to deal with image modifications specific to confocal scanning laser microscopy. <i>Microscopy and Microanalysis</i> . 2010 Oct 1;16(5):515.	1.384
19. Stanciu SG , Stanciu GA, Coltuc D. Automated compensation of light attenuation in confocal microscopy by exact histogram specification. <i>Microscopy research and technique</i> . 2010 Mar;73(3):165-75.	0.600

I=10.637

P=21.552

3. Recunoasterea impactului cercetarii

3.1 Citări in reviste științifice cu factor de impact care se regăsesc in InCites Journal Citation Reports sau in cărți in edituri recunoscute Web of Science				C=82.208
Titlu articol (citari)	c _i	n _i	n _i ^{ef}	Indicatori
1. Chen, X., Yao, Z., Stanciu, S. G. , Basov, D. N., Hillenbrand, R., & Liu, M. (2021). Rapid simulations of hyperspectral near-field images of three-dimensional heterogeneous surfaces. <i>Optics Express</i> , 29(24), 39648-39668.	1	6	5.5	0.167
i. Mester, L., Govyadinov, A. A., & Hillenbrand, R. (2021). High-fidelity nano-FTIR spectroscopy by on-pixel normalization of signal harmonics. <i>Nanophotonics</i> (2021) doi: 10.1515/nanoph-2021-0565				
Chen, X., Yao, Z., Xu, S., McLeod, A.S., Corder, S.N.G., Zhao, Y., Tsuneto, M., Bechtel, H.A., Martin, M.C., Carr, G.L., Fogler, M.M., Stanciu, S.G. , Basov, D.N.,	1	14	9.5	0.105

Liu, M., Hybrid Machine Learning for Scanning Near-field Optical Spectroscopy, <i>ACS Photonics</i> , 2021, 8, 10, 2987–2996				
i. Xu, S., McLeod, A. S., Chen, X., Rizzo, D. J., Jessen, B. S., Yao, Z., ... & Basov, D. N. (2021). Deep Learning Analysis of Polaritonic Wave Images. <i>ACS nano</i> (2021), 15, 11, 18182–18191				
2. Chenyang Y, Fang Y, Li S, Yuanyuan M, Stanciu SG , Zihou L, Chuang L, Akakuru OU, Lipeng X, Norbert H, Huanming L., Wu. A, Magnetically switchable mechano-chemotherapy for enhancing the death of tumour cells by overcoming drug-resistance. <i>Nano Today</i> . 35:100967 (2020)	4	12	8.5	0.471
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ii. XIANG, Lingchao, et al. Harnessing the Intriguing Properties of Magnetic Nanoparticles to Detect and Treat Bacterial Infections. <i>Magnetochemistry</i> , 2021, 7.8: 112.				
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iv. Zhu YX, Jia HR, Duan QY, Wu FG. Nanomedicines for combating multidrug resistance of cancer. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> . 2021 Apr 15:e1715.				
3. Lucidi M, Tranca DE, Nichele L, Ünay D, Stanciu GA, Visca P, Holban AM, Hristu R, Cincotti G, Stanciu SG . SSNOMBACTER: A collection of scattering-type scanning near-field optical microscopy and atomic force microscopy images of bacterial cells. <i>GigaScience</i> . 2020 Nov;9(11):giaa129.	2	10	7.5	0.267
i. Kanevche, K., Burr, D. J., Nürnberg, D. J., Hass, P. K., Elsaesser, A., & Heberle, J. (2021). Infrared nanoscopy and tomography of intracellular structures. <i>Communications Biology</i> , 4(1), 1-8. (2021)				
ii. Wang, H., Xie, Q., & Xu, X. G. (2021). Super-Resolution Mid-Infrared Spectro-Microscopy of Biological Applications through Tapping Mode and Peak Force Tapping Mode Atomic Force Microscope. <i>Advanced Drug Delivery Reviews</i> , 114080.				
4. Bueno JM, Ávila FJ, Hristu R, Stanciu SG , Eftimie L, Stanciu GA. Objective analysis of collagen organization in thyroid nodule capsules using second harmonic generation microscopy images and the Hough transform. <i>Applied Optics</i> , 59(23):6925-31 (2020)	2	5	5	0.400
i. Zeitoune AA, Bersanetti PA, Schor P, Erbes LA, Cesar CL, Adur J. Comparison of morphological changes of corneal collagen fibers treated with collagen crosslinking agents using second harmonic generation images. <i>International Journal of Biological Macromolecules</i> . 2020 Dec 15;165:346-53.				
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5. Yoo YJ, Kim WG, Ko JH, Kim YJ, Lee Y, Stanciu SG , Lee JM, Kim S, Oh JW, Song YM. Large-Area Virus Coated Ultrathin Colorimetric Sensors with a Highly Lossy Resonant Promoter for Enhanced Chromaticity. <i>Advanced Science</i> , 18:2000978 (2020).	13	10	7.5	1.733
i. Guo, T., Liu, Z., Jin, Y., Wang, N., Zhang, Z., & He, S. (2021). Large-Scale, Panchromatic Structural Color Manipulation via Thermal Trimming. <i>Advanced Optical Materials</i> , 2101546.				

ii.	Ye, J., Zhang, F., Shen, Z., Cao, S., Jin, T., Guo, X., ... & Zhang, Y. (2021). Tunable seesaw-like 3D capacitive sensor for force and acceleration sensing. <i>npj Flexible Electronics</i> , 5(1), 1-9.				
iii.	Lee, J. M., Devaraj, V., Jeong, N. N., Lee, Y., Kim, Y. J., Kim, T., ... & Oh, J. W. (2022). Neural mechanism mimetic selective electronic nose based on programmed M13 bacteriophage. <i>Biosensors and Bioelectronics</i> , 196, 113693.				
iv.	Lee, J. M., Choi, E. J., Chung, J. H., Lee, K. W., Lee, Y., Kim, Y. J., ... & Oh, J. W. (2021). A DNA-derived phage nose using machine learning and artificial neural processing for diagnosing lung cancer. <i>Biosensors and Bioelectronics</i> , 194, 113567.				
v.	Jang, J., Ji, S., Grandhi, G. K., Cho, H. B., Im, W. B., & Park, J. U. (2021). Multimodal Digital X-ray Scanners with Synchronous Mapping of Tactile Pressure Distributions using Perovskites. <i>Advanced Materials</i> , 2008539.				
vi.	Jarulertwathana, N., Mohd-Noor, S., & Hyun, J. K. (2021). Mesoporous Solid and Yolk–Shell Titania Microspheres as Touchless Colorimetric Sensors with High Responsivity and Ultrashort Response Times. <i>ACS Applied Materials & Interfaces</i> , 13(37), 44786-44796.				
vii.	Yoo YJ, Heo SY, Kim YJ, Ko JH, Mira ZF, Song YM. Functional photonic structures for external interaction with flexible/wearable devices. <i>Nano Research</i> . 2021 Mar 6:1-5.				
viii.	Nguyen, T. M., Kim, W. G., Ahn, H. J., Kim, M., Do Kim, Y., Devaraj, V., ... & Oh, J. W. (2021). Programmable self-assembly of M13 bacteriophage for micro-color pattern with a tunable colorization. <i>RSC Advances</i> , 11(51), 32305-32311.				
ix.	Lee JM, Lee Y, Devaraj V, Nguyen TM, Kim YJ, Kim YH, Kim C, Choi EJ, Han DW, Oh JW. Investigation of colorimetric biosensor array based on programable surface chemistry of M13 bacteriophage towards artificial nose for volatile organic compound detection: From basic properties of the biosensor to practical application. <i>Biosensors and Bioelectronics</i> . 2021 May 16:113339.				
x.	Hong T, Choi YK, Lim T, Seo K, Jeong SM, Ju S. Elastic Halochromic Fiber as a Reversible pH Sensor. <i>Advanced Materials Technologies</i> . 2021 Mar;6(3):2001058.				
xi.	Jang J, Kim J, Shin H, Park YG, Joo BJ, Seo H, Won JE, Lee CY, Kim HK, Park JU. Smart contact lens and transparent heat patch for remote monitoring and therapy of chronic ocular surface inflammation using mobiles. <i>Science Advances</i> . 2021 Mar 1;7(14):eabf7194.				
xii.	Yan Y, Kim WG, Ma X, Tegafaw T, Nguyen TM, Lee JM, Choi EJ, Ahn H, Ha SH, Kim K, Kim JM. Nanogenerators facilitated piezoelectric and flexoelectric characterizations for bioinspired energy harvesting materials. <i>Nano Energy</i> . 2021 Mar 1;81:105607.				
xiii.	Paczesny J, Bielec K. Application of Bacteriophages in Nanotechnology. <i>Nanomaterials</i> . 2020 Oct;10(10):1944.				
6.	Lucidi M, Hristu R, Nichele L, Stanciu GA, Tranca DE, Holban AM, Visca P, Stanciu SG, Cincotti G. STED nanoscopy of KK114-stained pathogenic bacteria. <i>Journal of Biophotonics</i> , 13(9):e202000097 (2020)	1	9	7	0.143
i.	Gao W, Zhao L, Jiang Z, Sun D. Advanced Biological Imaging for Intracellular Micromanipulation: Methods and Applications. <i>Applied Sciences</i> . 2020 Jan;10(20):7308.				
7.	Multiphoton Microscopy of Oral Tissues, Martínez-Ojeda, R.M., Pérez-Cárceles, M.D., Ardelean, L.C., Stanciu, S.G. , Bueno, J.M., <i>Frontiers in Physics</i> , 8, p.128 (2020)	2	5	5	0.400
i.	Beyer T, Bailey DL, Birk UJ, Buvat I, Catana C, Cheng Z, Fang Q, Giove F, Kuntner C, Laistler E, Moscato F. Medical Physics and Imaging—A Timely Perspective. <i>Frontiers in Physics</i> . 2021 May 12;9:206.				
ii.	Zhang H, Chen Y, Cao D, Li W, Jing Y, Zhong H, Liu H, Zhu X. Optical biopsy of laryngeal lesions using femtosecond multiphoton microscopy. <i>Biomedical Optics Express</i> . 2021 Mar 1;12(3):1308-19.				
8.	Effect of elasticity on the phagocytosis of micro/nanoparticles, Yao, C., Akakuru, O.U., Stanciu, S.G. , Hampp, N., Jin, Y., Zheng, J., Chen, G., Yang, F. and Wu, A., <i>Journal of Materials Chemistry B</i> , 8(12), pp.2381-2392 (2020)	7	9	7.000	1

i.	Makvandi, Pooyan, et al. "Endocytosis of abiotic nanomaterials and nanobiovectors: Inhibition of membrane trafficking." <i>Nano Today</i> 40 (2021): 101279.				
ii.	Chu, S., & Stochaj, U. (2020). Exploring near-infrared absorbing nanocarriers to overcome cancer drug resistance. <i>Cancer Drug Resistance</i> , 3(3), 302-333.				
iii.	Rodrigues, G., Gonçalves da Costa Sousa, M., da Silva, D. C., Berto Rezende, T. M., de Moraes, P. C., & Franco, O. L. (2021). Nanostrategies to Develop Current Antiviral Vaccines. <i>ACS Applied Bio Materials</i> , 4(5), 3880-3890.				
iv.	Srinivas, M., Sharma, P., & Jhunjhunwala, S. (2021). Phagocytic Uptake of Polymeric Particles by Immune Cells under Flow Conditions. <i>Molecular pharmaceutics</i> .				
v.	Frtús A, Smolková B, Uzhytchak M, Lunova M, Jirsa M, Kubinová Š, Dejneka A, Lunov O. Analyzing the mechanisms of iron oxide nanoparticles interactions with cells: A road from failure to success in clinical applications. <i>Journal of Controlled Release</i> . 2020 Aug 27.				
vi.	Alsharif N, Eshaghi B, Reinhard BM, Brown KA. Physiologically Relevant Mechanics of Biodegradable Polyester Nanoparticles. <i>Nano Letters</i> . 2020 Sep 28;20(10):7536-42.				
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9.	Ardelean LC, Rusu LC, Stanciu SG , Bueno JM. Novel Scanning Characterization Approaches for the Accurate Understanding and Successful Treatment of Oral and Maxillofacial Pathologies, Scanning, Article ID 6545823, (2020)	2	4	4.000	0.500
Dong Q, Shi H, Jia Q, Tian Y, Zhi K, Zhang L. Analysis of Three-Dimensional Morphological Differences in the Mandible between Skeletal Class I and Class II with CBCT Fixed-Point Measurement Method. <i>Scanning</i> . 2021 May 7;2021					
Cai H, Zhao BC, Tian Y, Kim DH, Sun Y, Lim HK, Lee ES, Jiang HB. Design of a Single-Tooth Model and Its Application in Oral Scan System Assessment. <i>Scanning</i> . 2021 Mar 21;2021.					
10.	Stanciu SG , Silien C, Bianchini P. Editorial: Advances in label free tissue imaging with laser scanning microscopy techniques, <i>Frontiers in Physics</i>	1	3	3.000	0.333
Beyer T, Bailey DL, Birk UJ, Buvat I, Catana C, Cheng Z, Fang Q, Giove F, Kuntner C, Laistler E, Moscato F. Medical Physics and Imaging—A Timely Perspective. <i>Frontiers in Physics</i> . 2021 May 12;9:206.					
11.	Stanciu SG , Tranca DE, Pastorino L, Boi S, Song YM, Yoo YJ, Ishii S, Hristu R, Yang F, Bussetti G, Stanciu GA. Characterization of Nanomaterials by Locally Determining Their Complex Permittivity with Scattering-Type Scanning Near-Field Optical Microscopy. <i>ACS Applied Nano Materials</i> . 3(2):1250-62 (2020)	5	11	8.000	0.625
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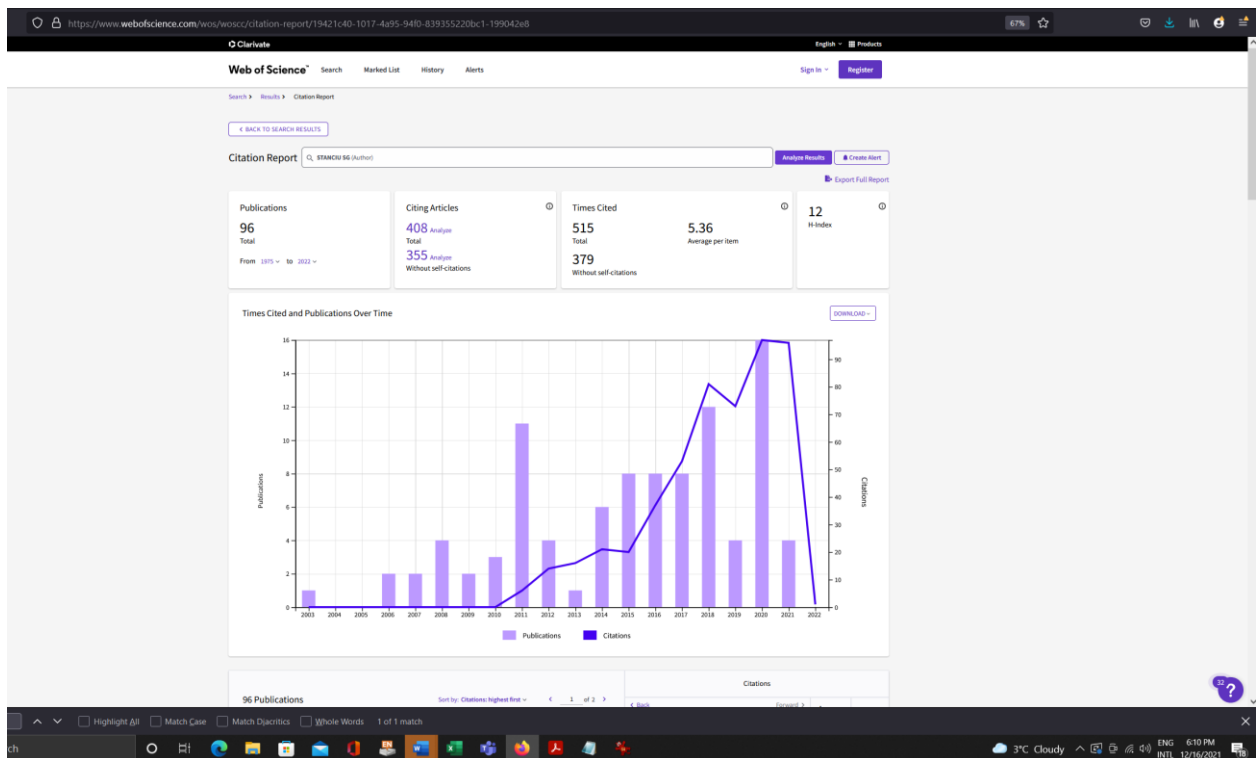
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C = 82.208

Indicele Hirsch: $h=12$



(captura de ecran la data 16.12.2021)