



ANEXA 1

FIȘA DE EVALUARE GENERALĂ A STANDARDELOR UNIVERSITĂȚII

CANDIDAT: DR. ALEXANDRU COCEAN

Domeniul: FIZICĂ

DESCRIPTORI	PUNCTAJE ACORDATE	REALIZĂRI	PUNCTAJ
1. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science</i> cu factor de impact	(60 puncte x factor de impact + 25) / număr autori	1. ALEXANDRU COCEAN , V. Pelin, M. M. Cazacua,, I. Cocean, I. Sandu, S. Gurlui, F. Iacomi, Thermal effects induced by laser ablation in non-homogeneous limestone covered by an impurity layer, Appl. Surf. Sci. (2017), http://dx.doi.org/10.1016/j.apsusc.2017.03.172 [IF = 4.439; AIS = 0.627]	41.762
		2. ALEXANDRU COCEAN , I. Cocean, S. Gurlui, F. Iacomi, Study of the pulsed laser deposition phenomena by means of Comsol Multiphysics, U.P.B. Sci. Bull., Series A, (Vol. 79, Iss. 2, 2017, [IF = 0.461; AIS = 0.094]	13.165
		3. ALEXANDRU COCEAN , I. Cocean, M.M. Cazacu, G. Bulai, F.Iacomi, S. Gurlui, Atmosphere self-cleaning under humidity conditions and influence of the snowflakes and	55.716

		artificial light, Applied Surface Science 443 (2018) 83–90, DOI: 10.1016/j.apsusc.2018.02.156 [IF = 5.155; AIS = 0.671]	
		4. I. Cocean, ALEXANDRU COCEAN , F. Iacomi, S. Gurlui, City water pollution by soot-surface-active agents revealed by FTIR spectroscopy, Applied Surface Science, https://doi.org/10.1016/j.apsusc.2019.04.179 [IF = 6.707; AIS = 0.878]	106.855
		5. I. Cocean, ALEXANDRU COCEAN , C. Postolachi, V. Pohoata, N. Cimpoesu, G. Bulai, F. Iacomi, S. Gurlui, Alpha keratin amino acids behavior under high fluence laser interaction. Medical applications, Applied Surface Science 2019, DOI: 10.1016/j.apsusc.2019.05.207 [IF = 6.182; AIS = 0.772]	49.49
		6. V. Popescu, D. G. Astanei, R. Burlica, A. Popescu, C. Munteanu, F. Ciolacu, M. Ursache, L. Ciobanu, ALEXANDRU COCEAN , Sustainable and cleaner microwave-assisted dyeing process for obtaining ecofriendly and fluorescent acrylic knitted fabrics, Journal of Cleaner Production (2019), doi: https://doi.org/10.1016/j.jclepro.2019.05.281 [IF = 7.246; AIS = 0.969]	51.084
		7. ALEXANDRU COCEAN , I. Cocean, N. Cimpoesu, G. Cocean, R. Cimpoesu, C. Postolachi, V. Popescu and S. Gurlui, Laser Induced Method to Produce Curcuminoid-Silanol Thin Films for Transdermal Patches Using Irradiation of Turmeric Target, Appl. Sci. 2021, 11, 4030. https://doi.org/10.3390/app11094030 [IF= 2.679 (2020); AIS=0.409(2020)]	23.217
		8. ALEXANDRU COCEAN , I. Cocean and S. Gurlui, Influence of the impurities to the composite materials in laser ablation phenomena, U.P.B. Sci. Bull., Series A, Vol. 83, Iss. 3, 2021 [IF= 0.903 (2020); AIS=0.160 (2020)]	26.393
		9. ALEXANDRU COCEAN , Iuliana Cocean, Georgiana Cocean, Cristina Postolachi, Daniela Angelica Pricop, Bogdanel Silvestru Munteanu, Nicanor Cimpoesu and Silviu Gurlui, Study of Physico-Chemical Interactions during the Production of Silver Citrate Nanocomposites with Hemp Fiber, Nanomaterials 2021, 11, 2560. https://doi.org/10.3390/nano11102560 [IF=5.076; AIS = 0.756 (2020)]	41.195
TOTAL (T1):			408.877

2. Articole științifice publicate <i>in extenso</i> în reviste indexate fără factor de impact	20 puncte / număr autori	1. ALEXANDRU COCEAN , I Cocean, C Postolachi, D Pricop, F Husanu and S Gurlui, Laser Induced Dyeing (LID) with Reactive Blue 21 on Hemp Fibers, IOP Conf. Series: Materials Science and Engineering 877 (2020) 012022, doi:10.1088/1757-899X/877/1/012022 [IF = 0.53 (2018)]	3.333
		2. ALEXANDRU COCEAN , I Cocean, C Postolachi, N Cimpoesu, F Husanu, B Munteanu and S Gurlui, Copper Sulfate Pentahydrate Target Behavior During Pulsed Laser Deposition to Produce Dichroic Coatings for Beam Splitters, IOP Conf. Series: Materials Science and Engineering 877 (2020) 012005, doi:10.1088/1757-899X/877/1/012005 [IF = 0.53 (2018)]	2.857
		3. I Cocean, M Diaconu, ALEXANDRU COCEAN , C Postolachi and S Gurlui, Landfill Waste Fire Effects Over Town Areas Under Rainwaters, IOP Conf. Series: Materials Science and Engineering 877 (2020) 012048, doi:10.1088/1757-899X/877/1/012048 [IF = 0.53 (2018)]	4
		4. S Garofalide, M Diaconu, I Cocean, ALEXANDRU COCEAN , V Pelin, S Gurlui and L Leontie, Study of Physico-Chemical Characteristics of Some Major Urban Air Pollutants, IOP Conf. Series: Materials Science and Engineering 877 (2020) 012049, doi:10.1088/1757-899X/877/1/012049 [IF = 0.53 (2018)]	2.857
TOTAL (T2):			13.047
3. Articole științifice publicate <i>in extenso</i> în reviste indexate BDI	15 puncte / număr autori		0
TOTAL (T3):			0
4. Articole științifice publicate <i>in extenso</i> în volumele conferințelor	indexate ISI: 30 puncte / număr autori		0
	indexate în BDI: 15 puncte / număr autori		0

	alte categorii: 5 puncte / număr autori		0
TOTAL (T4):			0
5. Cărți științifice publicate (doar prima ediție)	edituri academice internaționale: 100 puncte la 100 pagini / număr autori		0
	alte edituri internaționale: 70 puncte la 100 pagini / număr autori		0
	edituri academice naționale: 50 puncte la 100 pagini / număr autori		0
	alte edituri naționale: 20 puncte la 100 pagini / număr autori		0
TOTAL (T5):			0
6. Cărți științifice traduse și publicate în edituri din străinătate	100 puncte la 100 pagini / număr autori		0
TOTAL (T6):			0
7. Coordonarea și editarea de volume, traduceri și antologii	edituri academice internaționale: 60 puncte / număr autori		0
	alte edituri internaționale: 40 puncte / număr autori		0
	edituri academice		0

	naționale: 30 puncte / număr autori		
	alte edituri naționale: 15 puncte / număr autori		0
TOTAL (T7):			0
8. Articole publicate în dicționare și enciclopedii	edituri academice internaționale: 30 puncte / număr autori		0
	alte edituri internaționale: 20 puncte / număr autori		0
	edituri academice naționale: 15 puncte / număr autori		0
	alte edituri naționale: 5 puncte / număr autori		0
TOTAL (T8):			0
9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)	contracte internaționale – director: 100 puncte pentru fiecare 100.000 Euro		0
	contracte internaționale – membru: 100 puncte pentru fiecare 100.000 Euro / numărul membrilor echipei de cercetare		0
	contracte naționale – director: 50 puncte pentru fiecare 500.000 lei		0

	contracte naționale – membru: 50 puncte pentru fiecare 500.000 lei /numărul membrilor echipei de cercetare	1. SATY: Satellite hybrid micro-thrusters, Romanian Space Agency (ROSA), 2017-2018 (370000 EURO = 1697227 LEI; 10 membri): 50 x 3.394/10 2. AiRFRAME: Aerosol properties retrieval from remote sensing spectroscopic measurements (partner UAIC), (ROSA), 2017-2018 (45000 EURO = 206419 LEI): 50x0.413/10 3. ENIAN: („Accelerarea ionică intensificată prin iradiere cu laser a straturilor speciale de polimeri subțiri care conțin nanoparticule”), contract de finanțare nr. FAIR_09/2020A), 2020-2023 (1.600.000 LEI; 9 membri): 50 x 3.2/9 4. ROBIM: (“Senzori MicroLIBS pentru misiuni robotizate de explorare planetară si astrobiologice”, contract de finantare PCE 197/2021(1.171.032 LEI; 10 membri)§ 50x	16.970 2.060 17.777 11.500
TOTAL 9:			48,307
10. Contracte de cercetare în mediul de afaceri și sectorul public	organizații internaționale: 100 puncte pentru fiecare 100.000 Euro		0
	firme multinaționale: 100 puncte pentru fiecare 100.000 Euro		0
	firme naționale: 50 puncte pentru fiecare 500.000 Euro		0
	organizații administrative naționale: 40 puncte pentru fiecare 500.000 Euro		0
	alte organizații publice de 0 nivel național: 30 puncte pentru fiecare 500.000 Euro		0
TOTAL 10:			0

11. Brevete	internaționale: 100 puncte / număr de autor		0
	naționale: 30 puncte / număr autori		0
TOTAL 11:			0
12. Citări și recenzii ale lucrărilor științifice	reviste de specialitate din străinătate: (10 + 20 x factor de impact) / număr autori, pentru fiecare citare	ALEXANDRU COCEAN, V. Pelin, M. M. Cazacua,, I. Cocean, I. Sandu, S. Gurlui, F. Iacomî, Thermal effects induced by laser ablation in non-homogeneous limestone covered by an impurity layer, Appl. Surf. Sci. (2017), http://dx.doi.org/10.1016/j.apsusc.2017.03.172 citat în: <i>1. Atmosphere self-cleaning under humidity conditions and influence of the snowflakes and artificial light interaction for water dissociation simulated by the means of COMSOL</i> By: Cocean, A.; Cocean, I.; Cazacu, M. M.; et al. <i>APPLIED SURFACE SCIENCE</i> Volume: 443 Pages: 83-90 Published: JUN 15, 2018 (IF:5.155)	16.157 16.157
		ALEXANDRU COCEAN, I. Cocean, S. Gurlui, F. Iacomî, Study of the pulsed laser deposition phenomena by means of Comsol Multiphysics, U.P.B. Sci. Bull., Series A, (Vol. 79, Iss. 2, 2017) <i>1. Direct Ink Writing of Polymer Composite Electrolytes with Enhanced Thermal Conductivities</i> By: Cheng, Meng; Ramasubramanian, Ajaykrishna; Rasul, Md Golam; et al. <i>ADVANCED FUNCTIONAL MATERIALS</i> Volume: 31 Issue: 4 Article Number: 2006683 Published: JAN 2021 Early Access: OCT 2020 (IF: 18.808)	124.815 96.540
		<i>2. Atmosphere self-cleaning under humidity conditions and influence of the snowflakes and artificial light interaction for water dissociation simulated by the means of COMSOL</i> By: Cocean, A.; Cocean, I.; Cazacu, M. M.; et al. <i>APPLIED SURFACE SCIENCE</i> Volume: 443 Pages: 83-90 Published: JUN 15 2018 (IF: 5.155)	28.275

		ALEXANDRU COCEAN, I. Cocean, M.M. Cazacu, G. Bulai, F.Iacomi, S. Gurlui, Atmosphere self-cleaning under humidity conditions and influence of the snowflakes and artificial light, Applied Surface Science 443 (2018) 83–90, DOI: 10.1016/j.apsusc.2018.02.156 1. City water pollution by soot-surface-active agents revealed by FTIR spectroscopy By: Cocean, Iuliana; Cocean, Alexandru; Iacomi, Felicia; et al. APPLIED SURFACE SCIENCE Volume: 499 Article Number: 142487 Published: JAN 1 2020 (IF: 6.182)	22.270 22.270
		V. Popescu, D. G. Astanei, R. Burlica, A. Popescu, C. Munteanu, F. Ciolacu, M. Ursache, L. Ciobanu, ALEXANDRU COCEAN, Sustainable and cleaner microwave-assisted dyeing process for obtaining ecofriendly and fluorescent acrylic knitted fabrics, Journal of Cleaner Production (2019), doi: https://doi.org/10.1016/j.jclepro.2019.05.281 1. Color-changing intensified light-emitting multifunctional textiles via digital printing of biobased flavin By: Iyer, Sweta Narayanan; Behary, Nimeshwaree; Guan, Jinping; et al. RSC ADVANCES Volume: 10 Issue: 69 Pages: 42512-42528 Published: NOV 22 2020 (IF: 3.361) 2. An overview of subcritical and supercritical water treatment of different biomasses for protein and amino acids production and recovery By: Ziero, Henrique Di Domenico; Buller, Luz Selene; Mudhoo, Ackmez; et al. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING Volume: 8 Issue: 5 Article Number: 104406 Published: OCT 2020 (IF: 4.3) 3. Development of comfortable and eco-friendly cellulose based textiles with improved sustainability By: Novakovic, Milada; Popovic, Dusan M.; Mladenovic, Nenad; et al. JOURNAL OF CLEANER PRODUCTION Volume: 267 Article Number: 122154 Published: SEP 10 2020 (IF: 7.246) 5. Eco-friendly colorization of textile originating from polydopamine nanofilm structural color with high colorfastness, By: Fang, YC (Fang, Yinchun); Liu, XH (Liu, Xinhua); Zheng, HL (Zheng, Hongliang); Liu, HL (Liu, Hailong), JOURNAL OF CLEANER PRODUCTION Volume: 295 Article Number: 126523 DOI: 10.1016/j.jclepro.2021.126523 (IF: 7.246) 6. Sustainable application of Cassia obovata-based chrysophanic acid as potential source of yellow natural colorant for textile dyeing By: Mahmood ul Hasan, Shahid Adeel, Fatima Batool, Tanvir Ahmad, Ren-Cheng Tang, Nimra Amin & Shahid Rehman Khan, , Environmental Science and Pollution Research (2021) Environmental Science and Pollution Research, https://doi.org/10.1007/s11356-021-16447-0 (IF: 4.223) 7. Investigation on the construction, photophysical properties and dyeing mechanism of 1,8-naphthalimide-based fluorescent dyes suitable for dyeing wool fibers in supercritical	117.779 8.580 10.667 17.213 17.213 10.495 11.975

		CO₂ By: MengkeJia, Haina Hu, Xiaoqing Xiong, Lihua Lyu, Hongjuan Zhao, Shubiao Zhang, Jun Hou, <i>Dyes and Pigments</i>, Volume 190, June 2021, 109343, https://doi.org/10.1016/j.dyepig.2021.109343 (IF: 4.889) 8. Structural Coloration of Polyester Fabrics with High Colorfastness by Copolymer Photonic Crystals Containing Reactive Epoxy Groups By: Xinhua Liu, Peng Yan, and Yinchun Fang, <i>ACS Omega</i> 2021, 6, 42, 28031–28037 (IF: 3.512) 9. Sustainable Functionalization of PAN to Improve Tinctorial Capacity By: Popescu V, Buciscanu II, Pruneanu M, Maier SS, Danila A, Maier V, Pislaru M, Rotaru V, Cristian IN, Popescu A, Istrate B, Blaga AC, Ciolacu F, Cretescu I, Chelariu P, Marin M. <i>Polymers</i>. 2021; 13(21):3665. https://doi.org/10.3390/polym13213665 (IF: 4.329) 10. Fabrication of durable fluorescent and hydrophobic cotton fabrics by multiple surface modifications By: Hongchen Liu, Yunlei Yin, Jinli Zhou, Hongying Yang, Lei Guo, Fang Peng, Haisong Qi, <i>Industrial Crops and Products</i>, Volume 175, January 2022, 114238, https://doi.org/10.1016/j.indcrop.2021.114238 (IF: 5.645) 11. Systematic Literature Review for the Recycling and Reuse of Wasted Clothing By: Sustainability. 2021; 13(24):13732. https://doi.org/10.3390/su132413732 (3.251)	8.915 10.731 13.655 8.335
		I. Cocean, ALEXANDRU COCEAN, F. Iacomi, S. Gurlui, City water pollution by soot-surface-active agents revealed by FTIR spectroscopy, <i>Applied Surface Science</i>, https://doi.org/10.1016/j.apsusc.2019.04.179 1. Chemical synthesis and evaluation of Co₃O₄/Ce_{0.9}Zr_{0.05}Y_{0.05}O₂-delta mixed oxides for the catalytic-assisted combustion of soot By: Tellez-Salazar, WN (Tellez-Salazar, W. N.); Ovalle-Encinia, O (Ovalle-Encinia, O.); Ramirez-Rosales, D (Ramirez-Rosales, D.) ; Ma, XL (Ma, Xiaoli); Dorantes-Rosales, HJ (Dorantes-Rosales, H. J.); Lara-Garcia, HA (Lara-Garcia, H. A.); Ortiz-Landeros, J (Ortiz-Landeros, J.); <i>CHEMICAL ENGINEERING SCIENCE</i> Volume: 234 Article Number: 116443 DOI: 10.1016/j.ces.2021.116443 (IF: 4.311) 2. Analysis of the Migration Characteristics of Stormwater Runoff Pollutants on Different Underlying Surfaces in Guangzhou, China, By: Yongjun PanZhiqi LiYaoyao GaoYongmei XiongChuanfu Zang; <i>Front. Earth Sci.</i>, 14 April 2021 https://doi.org/10.3389/feart.2021.554588 (IF: 2.031)	36.705 24.050 12.655

	reviste de specialitate din țară: (5 + 10 x factor de impact) / număr autori, pentru fiecare citare	ALEXANDRU COCEAN , V. Pelin, M. M. Cazacua,, I. Cocean, I. Sandu, S. Gurlui, F. Iacomî, Thermal effects induced by laser ablation in non-homogeneous limestone covered by an impurity layer, Appl. Surf. Sci. (2017), http://dx.doi.org/10.1016/j.apsusc.2017.03.172	6.304
		1. ALTERATION OF SIDI GHANEM MOSQUE LIMESTONE. INFLUENCE OF THE LITHOLOGICAL NATURE AND THE ENVIRONMENTAL CONDITIONS By: Bouzetine, Kamel; Hamiane, Messaoud; Brahimi, Abia; et al. INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 11 Issue: 4 Pages: 997-1004 Published: OCT-DEC 2020	0.714
		2. KARUNGUZHI FORT, INDIA - A CASE STUDY ON CRITICAL REVIEW AND ANALYSIS By: Narayanmugam, Rajesh; Subramaniam, Suppiah; Perumalpillai, Purushothaman INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 11 Issue: 2 Pages: 425-432 Published: APR-JUN 2020	0.714
		3. ASSESSMENT OF PROTEASE IN CLEANING OF BAT BLOOD PATCHES FROM ANCIENT EGYPTIAN WALL PAINTINGS AND SURFACE INSCRIPTIONS By: Abdelaal, Shaaban; Sandu, Irina Crina Anca INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 10 Issue: 3 Pages: 459-474 Published: JUL-SEP 2019	0.714
		4. ASSESSMENT OF STRENGTH CHARACTERISTICS OF A HERITAGE STRUCTURE - ALAMPARAI FORT, INDIA By: Narayanmugam, Rajesh; Subramaniam, Suppiah; Perumalpillai, Purushothaman INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 10 Issue: 3 Pages: 475-484 Published: JUL-SEP 2019	0.714
		5. CHARACTERIZATION OF ANCIENT LIME PLASTERS OF THE HISTORICAL SEA FORT OF SINDHUDURG By: Singh, Manager; Kumar, Selvam Vinodh INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 9 Issue: 4 Pages: 697-708 Published: OCT-DEC 2018 (IF:0.92)	0.714
		6. HIDDEN MESSAGE IN STONE MASONRY OF GALATA MONASTERY - IASI CITY, ROMANIA By: Ratoi, Bogdan; Pelin, Vasile; Sandu, Ion; et al. INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 9 Issue: 1 Pages: 151-164 Published: JAN-MAR 2018 (IF:0.92)	2.02
		7. Copper Sulfate Pentahydrate Target Behavior During Pulsed Laser Deposition to Produce Dichroic Coatings for Beam Splitters, By: A Cocean, I Cocean, C Postolachi, N Cimpoesu, F Husanu, B Munteanu1 and S Gurlui, IOP CONF. SER.: MATER. SCI. ENG. 877 012005 Published: 2020	0.714

		ALEXANDRU COCEAN, I. Cocean, S. Gurlui, F. Iacomî, Study of the pulsed laser deposition phenomena by means of Comsol Multiphysics, U.P.B. Sci. Bull., Series A, (Vol. 79, Iss. 2, 2017 1. <i>Copper Sulfate Pentahydrate Target Behavior During Pulsed Laser Deposition to Produce Dichroic Coatings for Beam Splitters</i>, By: A Cocean, I Cocean, C Postolachi, N Cimpoesu, F Husanu, B MunteanuI and S Gurlui, IOP CONF. SER.: MATER. SCI. ENG. 877 012005 Published: 2020	1.25 1.25
		ALEXANDRU COCEAN, I. Cocean, M.M. Cazacu, G. Bulai, F.Iacomî, S. Gurlui, Atmosphere self-cleaning under humidity conditions and influence of the snowflakes and artificial light, Applied Surface Science 443 (2018) 83–90, DOI: 10.1016/j.apsusc.2018.02.156 1. <i>A CASE STUDY OF ENVIRONMENTAL POLLUTION IN RELATION TO PARTICULATE MATTER</i> By: COSTEL SOROIU, SILVIU OCTAVIAN GURLUI and CARMEN BUJOREANU, BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI Publicat de Universitatea Tehnică „Gheorghe Asachi” din Iași Volumul 65 (69), Numărul 2, 2019 Secția MATEMATICĂ. MECANICĂ TEORETICĂ. FIZICĂ 2. <i>Study of Physico-Chemical Characteristics of Some Major Urban Air Pollutants</i> By: S Garofalide, M Diaconu, I Cocean, A Cocean, V Pelin, S GurluiI and L Leontie , IOP CONF. SER.: MATER. SCI. ENG. 877 012049, 2020 3. <i>Landfill Waste Fire Effects Over Town Areas Under Rainwaters</i> By: I Cocean, M Diaconu, A Cocean, C Postolachi and S Gurlui, IOP CONF. SER.: MATER. SCI. ENG. 877 012048, 2020	2.499 0.833 0.833 0.833
		I. Cocean, ALEXANDRU COCEAN, F. Iacomî, S. Gurlui, City water pollution by soot-surface-active agents revealed by FTIR spectroscopy, Applied Surface Science, https://doi.org/10.1016/j.apsusc.2019.04.179 1. <i>Study of Physico-Chemical Characteristics of Some Major Urban Air Pollutants</i> By: S Garofalide, M Diaconu, I Cocean, A Cocean, V Pelin, S GurluiI and L Leontie , IOP CONF. SER.: MATER. SCI. ENG. 877 012049, 2020	1.25 1.25

		I. Cocean, ALEXANDRU COCEAN , C. Postolachi, V. Pohoata, N. Cimpoesu, G. Bulai, F. Iacom, S. Gurlui, Alpha keratin amino acids behavior under high fluence laser interaction. Medical applications, Applied Surface Science 2019, DOI: 10.1016/j.apsusc.2019.05.207	1.875
		1. Laser Induced Dyeing (LID) with Reactive Blue 21 on Hemp Fibers, A Cocean, I Cocean, C Postolachi, D Pricop, F Husanu and S Gurlui, IOP CONF. SER.: MATER. SCI. ENG. 877 012022, 2020	0.625
		2. Landfill Waste Fire Effects Over Town Areas Under Rainwaters By: I Cocean, M Diaconu, A Cocean, C Postolachi and S Gurlui, IOP CONF. SER.: MATER. SCI. ENG. 877 012048, 2020	0.625
	monografii academice din străinătate: 50 puncte / număr autori, pentru fiecare citare	3. Copper Sulfate Pentahydrate Target Behavior During Pulsed Laser Deposition to Produce Dichroic Coatings for Beam Splitters, By: A Cocean, I Cocean, C Postolachi, N Cimpoesu, F Husanu, B Munteanu and S Gurlui, IOP CONF. SER.: MATER. SCI. ENG. 877 012005 Published: 2020	0.625
		S Garofalide, M Diaconu, I Cocean, ALEXANDRU COCEAN , V Pelin, S Gurlui and L Leontie, Study of Physico-Chemical Characteristics of Some Major Urban Air Pollutants, IOP Conf. Series: Materials Science and Engineering 877 (2020) 012049, doi:10.1088/1757-899X/877/1/012049	0.714
		1. EFFECTS OF METEOROLOGICAL FACTORS ON THE HYDROPHOBIZATION OF SPECIFIC CALCAREOUS GEOMATERIALS FROM REPEDEA - IASI AREA, UNDER THE URBAN AMBIENTAL AIR EXPOSURE, By: CAZACU, Marius Mihai; PELIN, Vasile; RADINSCHI, Irina; SANDU, Ion; CIOCAN, Vasilica; SANDU, Ioan Gabriel; GURLUI, Silviu, INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE, Vol. 11 Issue 4, p1019-1030. 12p., Published: . Oct-Dec2020	0.714
	monografii academice din străinătate: 50 puncte / număr autori, pentru fiecare citare	I. Cocean, ALEXANDRU COCEAN , C. Postolachi, V. Pohoata, N. Cimpoesu, G. Bulai, F. Iacom, S. Gurlui, Alpha keratin amino acids behavior under high fluence laser interaction. Medical applications, Applied Surface Science 2019, DOI: 10.1016/j.apsusc.2019.05.207	6.25
		1. Keratin-Based Materials, By: Narendra Reddy, Wenlong Zhou, Mingbo Ma, 2020 WALTER DE GRUYTER GmbH, Berlin/Boston, DOI: https://doi.org/10.1515/9781501511769 , Published: 2020 (Chapter 4, pag 97, 98)	6.25
		V. Popescu, D. G. Astanei, R. Burlica, A. Popescu, C. Munteanu, F. Ciolacu, M. Ursache, L. Ciobanu, ALEXANDRU COCEAN , Sustainable and cleaner microwave-assisted dyeing process for obtaining ecofriendly and fluorescent acrylic knitted fabrics, Journal of Cleaner Production (2019), doi: https://doi.org/10.1016/j.jclepro.2019.05.281	11.11
		1. Chapter 1: Eco-Friendly Stimuli and Their Impact on the Tinctorial Capacity of Textile Materials By: Vasilica Popescu Luminita Ciobanu, Book Editor(s): Luqman	5.555

		<i>Jameel Rather Aminoddin Haji Mohd Shabbir, https://doi.org/10.1002/9781119710288.ch1, First published: 22 January 2021</i> <i>2. Luminescent textiles using biobased products: A bioinspired approach, By: Iyer, Sweta, University of Borås, Faculty of Textiles, Engineering and Business, Doctoral thesis, monograph, SKRIFTER FRÅN HÖGSKOLAN I BORÅS, ISSN 0280-381X ; 109, Published: 2020-09-15</i>	5.555
	monografii academice din țară: 25 puncte / număr autori, pentru fiecare citare		0
TOTAL (T12):			348.978
13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru)	străinătate: 25 puncte pentru fiecare activitate		0
	țară: 10 puncte pentru fiecare activitate		0
TOTAL (T13):			0
14. Profesor/cercetător invitat la universități/institute de cercetare	străinătate: 25 puncte pentru fiecare activitate		0
	țară: 10 puncte pentru fiecare activitate		0
TOTAL (T14):			0
15. Editor/Membru în Editorial Board & Advisory Board	reviste cotate Web of Science: editor, 30 puncte pentru fiecare revistă; membru, 20 puncte pentru fiecare revistă		0
	reviste internaționale și		0

	alte reviste ale Universității: editor, 15 puncte pentru fiecare revistă; membru, 10 puncte pentru fiecare revistă		
TOTAL (T15):			0
16. Premii internaționale obținute printr-un proces de selecție	100 puncte / categorie / număr persoane		0
TOTAL (T16):			0
17. Premii ale Academiei Române	50 puncte / categorie / număr persoane		0
TOTAL (T17):			0
18. Alte premii naționale ale instituțiilor culturale	20 puncte / categorie / număr persoane		0
TOTAL (T18):			0
19. Participări la manifestări științifice	internaționale: - președinte comitet organizare/consiliu științific, 25 puncte pentru fiecare activitate;		0
	- membru comitet organizare/consiliu științific, 15 puncte pentru fiecare activitate; - moderator de panel, 15 puncte pentru fiecare activitate; - raportor pe secțiuni/paneluri, 10		0

	puncte pentru fiecare activitate		
TOTAL (T19):			0
TOTAL PUNCTAJ ACTIVITATE DE CERCETARE:			819.209
TOTAL:			819.209