

## Fișă privind standarde minimale pe domenii ale universității

### Activitatea didactica si profesionala (A1)

Nr.	Categoria	indicator
<b>1.1.1.1</b>	<b>Carti/capitole internationale ca autor</b>	
1	<i>Water Condensation at Nanoscale: An Atomic Force Microscopy Study</i> (chapter), Lucel Sirghi, Water Condensation: Processes, Modeling and Control (Ed. Amimul Ahsan) chapter 2 (pp.71-98) <b>ISBN:</b> 978-1-61324-884-3, NOVA Publishers 2011 ( <a href="https://www.novapublishers.com/catalog/product_info.php?products_id=25606">https://www.novapublishers.com/catalog/product_info.php?products_id=25606</a> ).	<b>0.4</b>
2	<i>Atomic Force Microscopy Indentation of Living Cells</i> (chapter), L. Sirghi, Microscopy: Science, Technology, Application and Education, <b>ISBN (13):</b> 978-84-614-6189, Formatex Microscopy Series no. 4 (eds.: A. Méndez-Vilas, J. Díaz), Formatex 2010. 433-440. ( <a href="http://www.formatex.info/microscopy4/433-440.pdf">http://www.formatex.info/microscopy4/433-440.pdf</a> )	<b>0.4</b>
3	<i>Nanostructured Materials for Advanced Technological Applications: Tantalum pentoxide as a material for biosensors: deposition, properties and applications</i> (chapter), W. Kulisch, D. Gilliland, Ceccone G., L. Sirghi, H. Rauscher, P. N. Gibson, M. Zurn, F. Bretagnol, F. Rossi, p. 509-524 -NATO Science for Peace Series B: Physics and Biophysics (eds. J. P. Reithmaier, P. Petkov, W. Kulisch, C. Popov) <b>ISBN:</b> 978-1-4020-9914-4, Springer 2009 ( <a href="http://link.springer.com/chapter/10.1007%2F978-1-4020-9916-8_53">http://link.springer.com/chapter/10.1007%2F978-1-4020-9916-8_53</a> )	<b>0.4</b>
4	<i>Nanostructured Materials for Advanced Technological Applications: A brief introduction</i> (chapter), W. Kulisch, R. Freudenstein, A. Ruiz, A. Valsesia, L. Sirghi, J. Ponti, P. Colpo, F. Rossi, p. 3-34, NATO Science for Peace Series B: Physics and Biophysics (eds. J. P. Reithmaier, P. Petkov, W. Kulisch, C. Popov) <b>ISBN:</b> 978-1-4020-9914-4, Springer 2009 ( <a href="http://link.springer.com/chapter/10.1007%2F978-1-4020-9916-8_1">http://link.springer.com/chapter/10.1007%2F978-1-4020-9916-8_1</a> )	<b>0.4</b>
<b>1.1.1.2</b>	<b>Carti/capitole nationale ca autor</b>	
1	Atomic Force Microscopy Techniques of Surface Investigation (chapter) L. Sirghi in Advances in micro- and nanoengineering (ed. Irina Kleps, Dan Dascalu, and Jose Kenny) Romanian Academy Publishing House, Bucharest 2004 (ISBN: 973-27-1110-8).	<b>0.2</b>
2	Bazele Fizicii Plasmei G. Popa and L. Sirghi, 320p, Editura Universitatii "Al. I. Cuza", Iasi, Romania, 2000 (ISBN: 973-9312-80-2).	<b>0.2</b>
<b>1.2.2</b>	<b>Îndrumătoare de laborator/material didactic</b>	
1	L. Sirghi, Practicum manual of plasma diagnostics by electrical probes: Determination of temperature and density of the two-Maxwellian electron groups in multi polar magnetically confined plasma by a single Langmuir probe ( <a href="http://www.plasma.uaic.ro/education/fusenet/manual-plasma-diagnostics-by-electrical-probes/">http://www.plasma.uaic.ro/education/fusenet/manual-plasma-diagnostics-by-electrical-probes/</a> )	<b>0.2</b>
2	L. Sirghi, Practicum manual of plasma diagnostics by electrical probes: Dependence of ion and electron saturation currents on probe geometry ( <a href="http://www.plasma.uaic.ro/education/fusenet/manual-plasma-diagnostics-by-electrical-probes/">http://www.plasma.uaic.ro/education/fusenet/manual-plasma-diagnostics-by-electrical-probes/</a> )	<b>0.2</b>
3	L. Sirghi, Practicum manual of plasma diagnostics by electrical probes: Data acquisition system for automatic acquisition of electrical probe I-V characteristics ( <a href="http://www.plasma.uaic.ro/education/fusenet/manual-plasma-diagnostics-by-electrical-probes/">http://www.plasma.uaic.ro/education/fusenet/manual-plasma-diagnostics-by-electrical-probes/</a> )	<b>0.2</b>

	C. Costin, L. Sirghi, Practicum manual and documentation: Confinemen of an electron beam by magnetic field 4 ( <a href="http://www.plasma.uaic.ro/?attachment_id=493">http://www.plasma.uaic.ro/?attachment_id=493</a> )	<b>0.2</b>
<b>1.3.2</b>	<b>Brevete de inventie nationale</b>	
	L. Sirghi, V. Tiron, G. Popa, Instalatie si procedeu de sinteza si control al dopajului cu atomi metalici a straturilor subtiri in descarcarea 1 magnetron pulsata, Cerere OSIM 1/00735 din 13.12.2011.	<b>0.2</b>
<b>1.4</b>	<b>Coordonare de proiecte educationale</b>	
	Grant FP7 nr 224982/2008 FUSINET–A European Fusion Education Network, local manager	<b>0.4</b>
<b>1.4</b>	<b>Granturi/proiecte de cercetare in valoare cumulata de peste 100000 euro castigate prin competitie</b>	
	1 CNCSIS grant type RO-FR 12/2014 <i>SNON -oxinitruri pentru energie solara.</i> (900.000 RON) ( <a href="http://www.plasma.uaic.ro/idei267/">http://www.plasma.uaic.ro/idei267/</a> ).	<b>0.4</b>
	2 CNCSIS, IDEI PNII 267/2011 <i>Functionalizarea cu plasma a sondelor nanoscopic</i> (1.500.000 RON)	<b>0.4</b>
	<b>TOTAL</b>	<b>A1 = 4.2</b>

**PUNCTAJ REALIZAT: A1 = 4.2 (min 2)**

## Fișă privind standarde minimale pe domenii ale universității (Criteriul A2)

\*Activitatea de cercetare (A2 = I+P)

SCOR DE INFLUENTA												
	Autori	Jurnal (selectabil)	Vol	Pag	An	prim	n	n_ef	a	a/n_ef	a_prim	
1	L. Sirghi, V. Tiron, Daniela Ciumac	THIN SOLID FILMS	208	70	2014	1	3	3.00	0.641	0.21	0.64	
2	Aurelia Apetrei, L. Sirghi	LANGMUIR	29	16098	2013	1	2	2.00	1.248	0.62	1.25	
3	Ruiz, A; Zychowicz, M; Ceriotti, L; Mehn, D; Sirghi, L; Rauscher, H; Mannelli, I ; Colpo, P; Buzanska, L ; Rossi, F	BIOMED MICRODEVICES	15	495	2013	0	10	6.67	1.043	0.16	0.00	
4	Tiron, V; Coman, T; Sirghi, L; Popa, G	J OPTOELECTRON ADV M	15	77	2013	0	4	4.00	0.112	0.00	0.00	
5	Tiron, V; Sirghi, L; Popa, G.	THIN SOLID FILMS	520	4305	2012	1	3	3.00	0.641	0.21	0.64	
6	Sirghi, L.	LANGMUIR	28	2588	2012	1	1	1.00	1.248	1.25	1.25	
7	Kulisch, W; Popov, C; Sasaki, T; Sirghi, L; Rauscher, H; Rossi, F; Reithmaier, JP	PHYS STATUS SOLIDI A	208	70	2011	0	6	5.33	0.490	0.09	0.00	
8	von Keudell, A; Awakowicz, P; Benedikt, J; Raballand,...	PLASMA PROCESS POLYM	7	327	2010	0	24	11.33	0.725	0.06	0.00	
9	Sirghi, L; Rossi, F	NANOTECHNOLOGY	20		2009	1	2	2.00	1.239	0.62	1.24	
10	Kulisch, W; Popov, C; Gilliland, D; Ceccone, G; Sirghi, L; Ruiz, A; Rossi, F	DIAM RELAT MATER	18	745	2009	0	7	5.67	0.551	0.10	0.00	
11	Kulisch, W; Gilliland, D; Ceccone, G; Sirghi, L; Rauscher, H; Gibson, PN; Zurn, M; Bretagnol, F; Rossi, F	J VAC SCI TECHNOL B	27	1180	2009	0	9	6.33	0.456	0.07	0.00	
12	Sirghi, L; Ruiz, A; Colpo, P; Rossi, F	THIN SOLID FILMS	517	3310	2009	1	4	4.00	0.641	0.16	0.64	
13	Kylian, O; Benedikt, J; Sirghi, L; Reuter, R; Rauscher, H; von Keudell, A; Rossi, F	PLASMA PROCESS POLYM	6	255	2009	0	7	5.67	0.725	0.13	0.00	
14	Ceriotti, L; Buzanska, L; Rauscher, H; Mannelli, I; Sirghi, L; ...	SOFT MATTER	5	1406	2009	0	14	8.00	1.750	0.22	0.00	
15	Sirghi, L; Bretagnol, F; Mornet, S; Sasaki, T; Gilliland, D; Colpo, P; Rossi, F	ULTRAMICROSCOPY	109	222	2009	1	7	5.67	1.003	0.18	1.00	
16	Mornet, S; Bretagnol, F; Mannelli, I; Valsesia, A; Sirghi, L; Colpo, P; Rossi, F	SMALL	4	1919	2008	0	7	5.67	2.577	0.45	0.00	

17	Ruiz, A; Buzanska, L; Gilliland, D; Rauscher, H; Sirghi, L; Sobanski, T; Zychowicz, M; Ceriotti, L; Bretagnol, F; Coecke, S; Colpo, P; Ross, F BIOMATERIALS	BIOMATERIALS	29	4766	2008	0	12	7.33	2.101	0.29	0.00
18	Kulisch, W; Popov, C; Rauscher, H; Sirghi, L; Sasaki, T; Bliznakov, S; Rossi, F	DIAM RELAT MATER	17	1116	2008	0	7	5.67	0.551	0.10	0.00
19	Popov, C; Kulisch, W; Bliznakov, S; Ceccone, G; Gilliland, D; Sirghi, L; Rossi, F	DIAM RELAT MATER	17	1229	2008	0	7	5.67	0.551	0.10	0.00
20	Rossi, F; Kylian, O; Rauscher, H; Gilliland, D; Sirghi, L	PURE APPL CHEM	80	1939	2008	0	5	5.00	0.786	0.16	0.00
21	Kulisch, W; Gilliland, D; Ceccone, G; Rauscher, H; Sirghi, L; Colpo, P; Rossi, F	J VAC SCI TECHNOL A	26	991	2008	0	7	5.67	0.451	0.08	0.00
22	Sirghi, L; Ponti, J; Broggi, F; Rossi, F	EUR BIOPHYS J BIOPHY	37	935	2008	1	4	4.00	0.936	0.23	0.94
23	Heinz, P; Bretagnol, F; Mannelli, I; Sirghi, L; Valsesia, A; Ceccone, G; Gilliland, D; Landfester, K; Rauscher, H; Rossi, F	LANGMUIR	24	6166	2008	0	10	6.67	1.248	0.19	0.00
24	Bretagnol, F; Sirghi, L; Mornet, S; Sasaki, T; Gilliland, D; Colpo, P; Rossi, F	NANOTECHNOLOGY	19		2008	0	7	5.67	1.239	0.22	0.00
25	Gohier, A; Djouadi, MA; Dubosc, M; Granier, A; Minea, TM; Sirghi, L; Rossi, F; Paredez, P; Alvarez, F	J NANOSCI NANOTECHNO	7	3350	2007	0	9	6.33	0.375	0.06	0.00
26	Kulisch, W; Popov, C; Bliznakov, S; Ceccone, G; Gilliland, D; Sirghi, L; Rossi, F	THIN SOLID FILMS	515	8407	2007	0	7	5.67	0.641	0.11	0.00
27	Belegirinou, S; Mannelli, I; Sirghi, L; Bretagnol, F; Valsesia, A; Rauscher, H; Rossi, F	J PHYS CHEM B	111	8713	2007	0	7	5.67	1.332	0.24	0.00
28	Sirghi, L; Popa, G; Hatanaka, Y	THIN SOLID FILMS	515	1334	2006	1	3	3.00	0.641	0.21	0.64
29	Sirghi, L; Kylian, O; Gilliland, D; Ceccone, G; Rossi, F	J PHYS CHEM B	110	25975	2006	1	5	5.00	1.332	0.27	1.33
30	Sirghi, L; Rossi, F	APPL PHYS LETT	89	24318	2006	1	2	2.00	1.399	0.70	1.40
31	Sirghi, L; Szoszkiewicz, R; Riedo, E	LANGMUIR	22	1093	2006	1	3	3.00	1.248	0.42	1.25
32	Sirghi, L; Hatanaka, Y; Aoki, T	APPL SURF SCI	244	915	2005	1	3	3.00	0.552	0.18	0.55
33	Miron, C; Roca, A; Hoisie, S; Cozorici, P; Sirghi, L	J OPTOELECTRON ADV M	7	408	2005	0	5	5.00	0.112	0.00	0.00
34	Sirghi, L; Aoki, T; Hatanaka, Y	SURF COAT TECH	187	358	2004	1	3	3.00	0.614	0.20	0.61
35	Sirghi, L; Aoki, T; Hatanaka, Y	SURF REV LETT	10	345	2003	1	3	3.00	0.117	0.00	0.00
36	Nakamura, M; Makino, K; Sirghi, L; Aoki, T; Hatanaka, Y	SURF COAT TECH	169	699	2003	0	3	3.00	0.614	0.20	0.00

37	Sirghi, L	APPL PHYS LETT	82	3755	2003	1	1	1.00	1.399	1.40	1.40
38	Sirghi, L; Hatanaka, Y	SURF SCI	530	1323	2003	1	2	2.00	0.693	0.35	0.69
39	Medvid, A; Berzina, B; Trinkler, L; Fedorenko, L; Lytvyn, P; Yusupov, N; Yamaguchi, T; Sirghi, L; Aoyama, M	PHYS STATUS SOLIDI A	195	199	2003	0	9	6.33	0.490	0.08	0.00
40	Sirghi, L; Aoki, T; Hatanaka, Y	THIN SOLID FILMS	55	61	2002	1	3	3.00	0.641	0.21	0.64
41	Nakamura, M; Sirghi, L; Aoki, T; Hatanaka, Y	SURF SCI	778	782	2002	0	4	4.00	0.693	0.17	0.00
42	Sirghi, L; Hatanaka, Y; Popa, G	J APPL PHYS	4026	4032	2002	1	3	3.00	0.875	0.29	0.88
43	Sirghi, L; Nakamura, M; Hatanaka, Y; Takai, O	LANGMUIR	8199	8203	2001	1	4	4.00	1.248	0.31	1.25
44	Nakamura, M; Kato, S; Aoki, T; Sirghi, L; Hatanaka, Y	THIN SOLID FILMS	138	144	2001	0	5	5.00	0.641	0.13	0.00
45	Nakamura, M; Kato, S; Aoki, T; Sirghi, L; Hatanaka, Y	J APPL PHYS	3391	3395	2001	0	5	5.00	0.875	0.18	0.00
46	Sirghi, L; Nakagiri, N; Sugimura, H; Takai, O	JPN J APPL PHYS	1420	1424	2001	1	4	4.00	0.361	0.09	0.36
47	Sirghi, L; Nakagiri, N; Sugisaki, K; Sugimura, H; Takai, O	LANGMUIR	7796	7800	2000	1	5	5.00	1.248	0.25	1.25
48	Sirghi, L; Ohe, K; Costin, G; Popa, G	JPN J APPL PHYS	1338	1342	2000	1	4	4.00	0.361	0.09	0.36
49	Sirghi, L; Ohe, K; Popa, G	JPN J APPL PHYS	5251	5255	1999	1	3	3.00	0.361	0.12	0.36
50	Sirghi, L; Ohe, K; Popa, G	J PHYS D APPL PHYS	551	560	1998	1	3	3.00	0.905	0.30	0.91
51	Sirghi, L; Ohe, K; Popa, G	J PHYS D APPL PHYS	2431	2440	1997	1	3	3.00	0.905	0.30	0.91
52	Sirghi, L; Ohe, K; Kimura, T	PHYS PLASMAS	1160	1165	1997	1	3	3.00	0.825	0.28	0.83
	<b>TOTAL</b>					<b>27</b>				<b>13.04</b>	<b>23.21</b>

**A2 = 36.243**

**PUNCTAJ REALIZAT: I = 13.04 (min. 4)**

**P = 23.21 (min. 3)**

**A2 = 36.24**

\*Nota: Lista lucrarilor publicate in reviste de specialitate ISI poate fi verificata in baza de date ISI Thomson Web of Science cu termenii de cautare Sirghi, L (Author)

[http://apps.webofknowledge.com/Search.do?product=WOS&SID=Z1oZ9yck2MzuszG6T3m&search\\_mode=GeneralSearch&prID=b5090dd3-7ddd-4a18-92da-3bce7999277c](http://apps.webofknowledge.com/Search.do?product=WOS&SID=Z1oZ9yck2MzuszG6T3m&search_mode=GeneralSearch&prID=b5090dd3-7ddd-4a18-92da-3bce7999277c). Articolul Nr 1 publicat recent in Thin Solid Films este publicat doar online si inca nu a fost inclus in baza de date.

## Fișa privind standarde minimale pe domenii ale universității. Criteriul A3

### Recunoasterea si importanta activitatii (A3)

Nr.	Lucrarea citata	Nr citari	Nr. ef. aut	Punct aj
1	L. Sirghi, V. Tiron, D. Ciurac, Mechanical properties of AFM probes with deposited thin films, Thin solid Films (2014)	0	3	0
2	Apetrei, A; Sirghi, L, Stochastic Adhesion of Hydroxylated Atomic Force Microscopy Tips to Supported Lipid Bilayers, LANGMUIR 29 (2013) 16098.	0	2	0
3	Ruiz, A; Zychowicz, M; Ceriotti, L; Mehn, D; Sirghi, L; Rauscher, H; Mannelli, I; Colpo, P; Buzanska, L; Rossi, F, Microcontact printing and microspotting as methods for direct protein patterning on plasma deposited polyethylene oxide: application to stem cell patterning, BIOMEDICAL MICRODEVICES 15 (2013) 495.	1	6.67	0.1499
4	Tiron, V; Coman, T; Sirghi, L; Popa, G, Atomic force microscopy investigation of piezoelectric response of ZnO thin films deposited by HIPIMS, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS 15 (2013) 77.	1	4	0.25
5	Tiron, V; Sirghi, L; Popa, G, Control of aluminum doping of ZnO:Al thin films obtained by high-power impulse magnetron sputtering, THIN SOLID FILMS 520 (2012) 4305.	1	3	0.3333
6	Sirghi, L, Transport Mechanisms in Capillary Condensation of Water at a Single-Asperity Nanoscopic Contact, LANGMUIR 28 (2012) 2558.	3	1	3
7	Kulisch, W; Popov, C; Sasaki, T; Sirghi, L; Rauscher, H; Rossi, F; Reithmaier, JP, On the development of the morphology of ultrananocrystalline diamond films, PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE 208 (2011) 70.	6	5.67	1.0582
8	Sirghi, L, PLASMA CLEANING OF SILICON SURFACE OF ATOMIC FORCE MICROSCOPY PROBES, ROMANIAN JOURNAL OF PHYSICS 56 (2011) 144.	0	1	0
9	von Keudell, A; Awakowicz, P; Benedikt, J; Raballand, V; Yanguas-Gil, A; Opretzka, J; Flotgen, C; Reuter, R; Byelykh, L; Halfmann, H; Stapelmann, K; Denis, B; Wunderlich, J; Muranyi, P; Rossi, F; Kylian, O; Hasiwa, N; Ruiz, A; Rauscher, H; Sirghi, L; Comoy, E; Dehen, C; Challier, L; Deslys, JP, Inactivation of Bacteria and Biomolecules by Low-Pressure Plasma Discharges, PLASMA PROCESSES AND POLYMERS 7 (2010) 327.	41	11.33	3.6187
10	Sirghi, L; Rossi, F, The effect of adhesion on the contact radius in atomic force microscopy indentation, NANOTECHNOLOGY 20 (2009) .	1	2	0.5
11	Kulisch, W; Popov, C; Gilliland, D; Ceccone, G; Sirghi, L; Ruiz, A; Rossi, F, Surface properties of differently prepared ultrananocrystalline diamond surfaces, DIAMOND AND RELATED MATERIALS 18 (2009) 745.	6	5.67	1.0582

<b>12</b>	Kulisch, W; Gilliland, D; Ceccone, G; Sirghi, L; Rauscher, H; Gibson, PN; Zurn, M; Bretagnol, F; Rossi, F, Ion beam sputtering of Ta(2)O(5) films on thermoplast substrates as waveguides for biosensors, JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B 27 (2009) 1180.	<b>1</b>	<b>6.33</b>	<b>0.158</b>
<b>13</b>	Kylian, O; Benedikt, J; Sirghi, L; Reuter, R; Rauscher, H; von Keudell, A; Rossi, F, Removal of Model Proteins Using Beams of Argon Ions, Oxygen Atoms and Molecules: Mimicking the Action of Low-Pressure Ar/O-2 ICP Discharges, PLASMA PROCESSES AND POLYMERS 6 (2009) 255.	<b>15</b>	<b>5.67</b>	<b>2.6455</b>
<b>14</b>	Sirghi, L; Ruiz, A; Colpo, P; Rossi, F, Atomic force microscopy indentation of fluorocarbon thin films fabricated by plasma enhanced chemical deposition at low radio frequency power, THIN SOLID FILMS 517 (2009) 3310.	<b>8</b>	<b>4</b>	<b>2</b>
<b>15</b>	Sirghi, L; Bretagnol, F; Mornet, S; Sasaki, T; Gilliland, D; Colpo, P; Rossi, F, Atomic force microscopy characterization of the chemical contrast of nanoscale patterns fabricated by electron beam lithography on	<b>2</b>	<b>5.67</b>	<b>0.3527</b>
<b>16</b>	Cerioti, L; Buzanska, L; Rauscher, H; Mannelli, I; Sirghi, L; Gilliland, D; Hasiwa, M; Bretagnol, F; Zychowicz, M; Ruiz, A; Bremer, S; Coecke, S; Colpo, P; Rossi, F, Fabrication and characterization of protein arrays for stem cell patterning, SOFT MATTER 5 (2009) 1406.	<b>18</b>	<b>8</b>	<b>2.25</b>
<b>17</b>	Ruiz, A; Buzanska, L; Gilliland, D; Rauscher, H; Sirghi, L; Sobanski, T; Zychowicz, M; Cerioti, L; Bretagnol, F; Coecke, S; Colpo, P; Ross, F, Micro-stamped surfaces for the patterned growth of neural stem cells, BIOMATERIALS 29 (2008) 4766.	<b>50</b>	<b>7.33</b>	<b>6.8213</b>
<b>18</b>	Mornet, S; Bretagnol, F; Mannelli, I; Valsesia, A; Sirghi, L; Colpo, P; Rossi, F, Large-Scale Fabrication of Bi-Functional Nanostructured Polymer Surfaces for Selective Biomolecular Adhesion, SMALL 4 (2008) 1919.	<b>10</b>	<b>5.67</b>	<b>1.7637</b>
<b>19</b>	Rossi, F; Kylian, O; Rauscher, H; Gilliland, D; Sirghi, L, Use of a low-pressure plasma discharge for the decontamination and sterilization of medical devices, PURE AND APPLIED CHEMISTRY 80 (2008) 1939.	<b>7</b>	<b>5</b>	<b>1.4</b>
<b>20</b>	Kulisch, W; Popov, C; Rauscher, H; Sirghi, L; Sasaki, T; Bliznakov, S; Rossi, F, Investigation of the nucleation and growth mechanisms of nanocrystalline diamond/amorphous carbon nanocomposite films, DIAMOND AND RELATED MATERIALS 17 (2008) 1116.	<b>5</b>	<b>5.67</b>	<b>0.8818</b>
<b>21</b>	Popov, C; Kulisch, W; Bliznakov, S; Ceccone, G; Gilliland, D; Sirghi, L; Rossi, F, Surface modification of nanocrystalline diamond/amorphous carbon composite films, DIAMOND AND RELATED MATERIALS 17 (2008) 1229.	<b>15</b>	<b>5.67</b>	<b>2.6455</b>
<b>22</b>	Sirghi, L; Ponti, J; Broggi, F; Rossi, F, Probing elasticity and adhesion of live cells by atomic force microscopy indentation, EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS 37 (2008) 935.	<b>27</b>	<b>4</b>	<b>6.75</b>
<b>23</b>	Kulisch, W; Gilliland, D; Ceccone, G; Rauscher, H; Sirghi, L; Colpo, P; Rossi, F, Ion beam deposition of tantalum pentoxide thin film at room temperature, JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A 26 (2008) 991.	<b>3</b>	<b>5.67</b>	<b>0.5291</b>

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<b>41</b>	Sirghi, L; Popa, G; Hatanaka, Y, Charged particles in the reactor chamber of a remote plasma enhanced CVD system, PLASMA PHYSICS 669 (2003) 369.	<b>0</b>	<b>3</b>	<b>0</b>
<b>42</b>	Sirghi, L; Aoki, T; Hatanaka, Y, Hydrophilicity of TiO <sub>2</sub> thin films obtained by radio frequency magnetron sputtering deposition, THIN SOLID FILMS 422 (2002) 55.	<b>54</b>	<b>3</b>	<b>18</b>
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55	Sirghi, L; Ohe, K; Kimura, T, Nonlocal particle loss effects on the electron kinetics in a direct current helium diffusion-controlled positive column, PHYSICS OF PLASMAS 4 (1997) 1160.	5	3	1.6667
	<b>TOTAL</b>	<b>662</b>	<b>A3 =</b>	<b>185.45</b>

**PUNCTAJ REALIZAT: C = 185.45 (min 35)**

**A1 + A2 + A3 = 225.85**

**22 iulie, 2014**

**conf. dr. habil. Lucel Sirghi**

\*NOTA: Lista lucrarilor publicate in reviste de specialitate ISI si numarul de citari pot fi verificata in baza de date ISI Thomson Web of Science cu termenii de cautare Sirghi, L (Author)

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