

Fișa de verificare a îndeplinirii standardelor minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare-dezvoltare

- Comisia de Fizică -

Ordin 6.129/2016

Ana-Maria CRĂCIUN (născ. Găbudean)			
Funcția actuală: CS III			
		Conditii minimale CS II/ conferențiar universitar	Valori finale
1.	Activitatea didactică și profesională	$A \geq 1$	A=1.224
2.	Activitatea de cercetare	$I \geq 2, P \geq 2$	I=6.107, P=4.988
3.	Citări în reviste ISI	$C \geq 20$	C=102.51
	Indicele Hirsch (h)	$h \geq 5$	h=11
	Punctaj total CNATDCU ($T = A + P/2 + I/2 + C/20 + h/5$)	$T \geq 5$	T=14.096

Crăciun Ana-Maria
Crăciun

1. Activitate didactică/profesională (A)		
Nr. crt	Tipul activităților	Indicatori
1.	Cărți în edituri internaționale recunoscute Web of Science în calitate de autor	$A_1=0$
2.	Capitole de cărți în edituri internaționale recunoscute Web of Science în calitate de autor/ Review-uri în reviste cotate ISI	$A_2=0$
3.	Cărți în edituri internaționale recunoscute Web of Science în calitate de editor	$A_3=0$
4.	Cărți, manuale, îndrumare de laborator în edituri naționale sau alte edituri internaționale ca autor, note interne, prezentări susținute pentru aprobare analizărilor de date în cadrul colaborărilor mari	$A_4=0$
5.	Capitole de cărți în edituri naționale sau alte edituri internaționale ca autor	$A_5=0$
6.	Lucrări în extenso (cel puțin 3 pagini) publicate în Proceedings-uri indexate ISI	$A_6=0$
7.	Brevete de invenție internaționale acordate	$A_7=0$
8.	Brevete de invenție naționale acordate	$A_8=0$
9.	Director/ responsabil/ coordonator pentru programe de studii, programe de formare continuă, proiecte educaționale și proiecte de infrastructură (proiectele de cercetare se exclud)	$A_9=0$
10.	Director/ responsabil pentru proiecte de cercetare în valoare V_i euro câștigate prin competiție națională și internațională (proiectele de la punctul 9 se exclud). Sumele în lei sau în alte valute se convertesc în euro la cursul mediu din anul respectiv conform www.bnr.ro pentru perioada de după 1999 și la cursul din 1999 pentru perioada anterioară. Pentru responsabilii de grupuri se consideră doar suma aferentă grupului condus.	$A_{10}=1.224$
		A=1.224

2. Activitatea de cercetare		
Nr. crt.	Tipul activităților	Indicatori
1.	Articole științifice originale în extenso ca autor	I=6.107
2.	Articole științifice originale în extenso ca prim autor sau autor corespondent, conform mențiunilor de pe articol. Nu se iau în considerare articolele la care autorii sunt indicați în ordinea alfabetică a numelui și candidatul este prim-autor exclusiv datorită numelui acestuia și ordonării alfabetice.	P= 4.988

3. Recunoașterea impactului activității		
Nr. crt.	Tipul activităților	Indicatori
1.	Citări în reviste științifice cu factor de impact care se găsesc 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 coautor candidatul	C=102.51
2.	Indicele Hirsch	h=11

Detaliere valori

1. Activitate didactică și profesională (A)

1.10:

Director proiect câștigat prin competiție națională

Titlu proiect: *Imunodetecție rapidă și ultrasensibilă bazată pe analiza fotoluminescenței nanoparticulelor de aur prin spectroscopie de corelație a fluorescenței*

Cod proiect: PN-II-RU-TE-2014-4-1991

Sursă de finanțare: UEFISCDI

Buget: 549.700 lei ($V_1 = 122.405$ euro curs BNR 2016)

$$A_{10} = 122.405/100.000 = 1.224$$

$$A = 1.224$$

2. Activitatea de cercetare (I și P)

	Articol	Autor principal corespondent	AIS _i	n _i	n _i ^{ef}	AIS _i /n _i ^{ef}
1.	T. Nagy-Simon, A.-S. Tatar, <u>A. M. Craciun</u> , A. Vulpoi, M.-A. Jurj, A. Florea, C. Tomuleasa, I. Berindan-Neagoe, S. Astilean, S. Boca, <i>Antibody conjugated, Raman tagged hollow gold-silver nanospheres for specific targeting and multimodal Dark Field/ SERS/ Two Photon-FLIM imaging of CD19(+) B lymphoblasts</i> , ACS Appl. Mater. Interfaces 2017, DOI: 10.1021/acsami.7b05145		1.462	10	7.5	0.195

2.	A. M. Craciun , M. Focsan, L. Gaina, S. Astilean, <i>Enhanced one- and two-photon excited fluorescence of cationic (phenothiazinyl)vinylpyridinium chromophore attached to polyelectrolyte-coated gold nanorods</i> , <i>Dyes Pigm.</i> 2017, 136, 24-30	X	0.608	4	4	0.152
3.	A. M. Craciun , A. Diac, M. Focsan, C. Socaci, K. Magyari, D. Maniu, I. Mihalache, L. M. Veca, A. Terec, S. Astilean, <i>Surface passivation of carbon nanoparticles with p-phenylenediamine towards photoluminescent carbon dots</i> , <i>RSC Adv.</i> , 2016, 6, 56944-56951	X	0.628	10	7,5	0.084
4.	M. Focsan (Iosin), A. Campu, A. M. Craciun , M. Potara, C. Leordean, D. Maniu, S. Astilean, <i>A Simple and Efficient Design to Improve the Detection of Biotin-Streptavidin Interaction with Plasmonic Nanobiosensors</i> , <i>Biosens. Bioelectron.</i> 2016, 86, 728-735		1.187	7	6	0.198
5.	M. Focsan, A. M. Craciun , Simion Astilean, and Patrice L. Baldeck, <i>Two-photon fabrication of three-dimensional silver microstructures in microfluidic channels for volumetric surface-enhanced Raman scattering detection</i> , <i>Opt. Mater. Express</i> 2016, 6, 1587-1593		0.870	4	4	0.218
6.	A. Diac, M. Focsan, C. Socaci, A. M. Gabudean , C. Farcau, D. Maniu, E. Vasile, A. Terec, L. M. Veca, S. Astilean, <i>Covalent conjugation of carbon dots with Rhodamine B and assessment of their photophysical properties</i> , <i>RSC Adv.</i> 2015, 5, 77662-77669		0.628	10	7.5	0.084
7.	P. Moutet, N. M. Sangeetha, L. Ressler, N. Vilar-Vidal, M. Comesana-Hermo, S. Ravaine, R. A. L. Vallee, A. M. Gabudean , S. Astilean, C. Farcau, <i>Surface-enhanced spectroscopy on plasmonic oligomers assembled by AFM nanoxerography</i> , <i>Nanoscale</i> 2015, 7, 2009-2022		1.620	10	7.5	0.216
8.	C. Leordean, B. Marta, A. M. Gabudean , M. Focsan, I. Botiz and S. Astilean, <i>Fabrication of highly active and cost effective SERS plasmonic substrates by electrophoretic deposition of gold nanoparticles on a DVD template</i> , <i>Appl. Surf. Sci.</i> 2015, 349, 190-195		0.548	6	5,5	0.100
9.	B. Brem, E. Gal, L. Gaina, C. Cristea, A. M. Gabudean , S. Astilean, L. Silaghi-Dumitrescu, <i>Metallo complexes of meso-phenothiazinylporphyrins: synthesis, linear and nonlinear optical properties</i> , <i>Dyes Pigm.</i> 2015, 123, 386-395		0.608	7	6	0.101

10.	T. Simon, M. Potara, A. M. Gabudean , E. Licarete, M. Banciu, S. Astilean, <i>Designing Theranostic Agents Based on Pluronic Stabilized Gold Nanoaggregates Loaded with Methylene Blue for Multimodal Cell Imaging and Enhanced Photodynamic Therapy</i> , ACS Appl. Mater. Interfaces 2015, 7, 16191-16201		1.462	6	5.5	0.266
11.	I. Botiz, P. Freyberg, C. Leordean, A.M. Gabudean , S. Astilean, A. C.-M. Yang, N. Stingelin, <i>Emission properties of MEH-PPV in thin films simultaneously illuminated and annealed at different temperatures</i> , Synth. Met. 2015, 199, 33–36		0.440	7	6	0.073
12.	A. M. Gabudean , R. Groza, D. Maniu, S. Astilean, <i>Steady-state and time-resolved fluorescence studies on the conjugation of Rose Bengal to gold nanorods</i> , J. Mol. Struct. 2014, 1073, 97-101	X	0.289	4	4	0.072
13.	M. Focsan, A. M. Gabudean , A. Vulpoi, S. Astilean, <i>Controlling the Luminescence of Carboxyl-Functionalized CdSe/ZnS Core-Shell Quantum Dots in Solution by Binding with Gold Nanorods</i> , J. Phys. Chem. C, 2014, 118, 25190–25199		1.247	4	4	0.312
14.	I. Botiz, P. Freyberg, C. Leordean, A. M. Gabudean , S. Astilean, A. C-M Yang, N. Stingelin, <i>Enhancing the Photoluminescence Emission of Conjugated MEH-PPV by Light Processing</i> , ACS Appl. Mater. Interfaces, 2014, 6, 4974–4979		1.279	7	6	0.213
15.	V. Canpean, A. M. Gabudean , S. Astilean, <i>Enhanced thermal stability of gelatin coated gold nanorods in water solution</i> , Colloids Surf., A 2013, 433, 9-13		0.585	3	3	0.195
16.	C. Leordean, A. M. Gabudean , V. Canpean and S. Astilean, <i>Easy and cheap fabrication of ordered pyramidalshaped plasmonic substrates for detection and quantitative analysis using surface-enhanced Raman spectroscopy</i> , Analyst 2013, 138, 4975-4981		0.988	4	4	0.247
17.	M. Iliut, A. M. Gabudean , C. Leordean, T.Simon, C.M. Teodorescu and S. Astilean, <i>Riboflavin enhanced fluorescence of highly reduced graphene oxide</i> , Chem. Phys. Lett. 2013, 586, 127-131		0.686	6	5.5	0.125
18.	T.Simon, S. Boca-Farcau, A. M. Gabudean , P. Baldeck and S. Astilean, <i>LED-activated methylene blue-loaded Pluronic-nanogold hybrids for in vitro photodynamic therapy</i> , J. Biophoton.		0.991	5	5	0.198

	2013, 6, 950-959					
19.	M. Cottat, N. Thioune, A. M. Gabudean , N. Lidgi-Guigui, M. Focsan, S. Astilean, M. Lamy de la Chapelle, <i>Localized Surface Plasmon Resonance (LSPR) Biosensor for the Protein Detection</i> , Plasmonics 2013, 8, 699-704		0.833	7	6	0.139
20.	N. Thioune, N. Lidgi-Guigui, M. Cottat, A.M. Gabudean , M. Focsan, H.M. Benoist, S. Astilean, M. L. De La Chapelle, <i>Study of gold nanorods-protein interaction by localized surface plasmon resonance spectroscopy</i> , Gold Bull. 2013, 46, 275-281		0.872	8	6.5	0.134
21.	A. M. Gabudean , M. Focsan, S. Astilean, <i>Gold Nanorods Performing as Dual-Modal Nanoprobes via Metal- Enhanced Fluorescence (MEF) and Surface-Enhanced Raman Scattering (SERS)</i> , J. Phys. Chem. C 2012, 116, 12240-12249	X	1.374	3	3	0.458
22.	A. M. Gabudean , D. Biro, S. Astilean, <i>Hybrid plasmonic platforms based on silica-encapsulated gold nanorods as effective spectroscopic enhancers for Raman and fluorescence spectroscopy</i> , Nanotechnology 2012, 23, 4857061	X	1.205	3	3	0.402
23.	J.R.G. Navarro, D. Manchon, F. Lerouge, N. P Blanchard, S. Marotte, Y. Leverrier, J. Marvel, F. Chaput, G. Micouin, A. M. Gabudean et al., <i>Synthesis of PEGylated gold nanostars and bipyramids for intracellular uptake</i> , Nanotechnology 2012, 23, 465602		1.205	15	10	0.121
24.	A. M. Gabudean , D. Biro, S. Astilean, <i>Localized surface plasmon resonance (LSPR) and surface-enhanced Raman scattering (SERS) studies of 4-aminothiophenol adsorption on gold nanorods</i> , J. Molec. Struct. 2011, 993, 420-424	X	0.321	3	3	0.107
25.	A. M. Gabudean , F. Lerouge, T. Gallavardin, M. Iosin, S. Zaiba, O. Maury, P. L. Baldeck, C. Andraud, S. Parola, <i>Synthesis and optical properties of dyes encapsulated in gold hollow nanoshells</i> , Opt. Mater. 2011, 33, 1377-1381	X	0.563	9	7	0.080

26.	S. Zaiba, F. Lerouge, A. M. Gabudean , M. Focsan, J. Lerme, T. Gallavardin, O. Maury, C. Andraud, S. Parola, and P. L. Baldeck, <i>Transparent Plasmonic Nanocontainers Protect Organic Fluorophores against Photobleaching</i> , Nano Lett. 2011, 11, 2043-2047	5.070	10	7.5	0.676
27.	M. Potara, A. M. Gabudean , S. Astilean, <i>Solution-phase, dual LSPR-SERS plasmonic sensors of high sensitivity and stability based on chitosan coated anisotropic silver nanoparticles</i> , J. Mater. Chem. 2011, 21, 3625-3633	1.575	3	3	0.525
28.	S. Boca, M. Potara, A. M. Gabudean , A. Juhem, P. Baldeck, S. Astilean, <i>Chitosan-coated triangular silver nanoparticles as a novel class of biocompatible, highly effective photothermal transducers for in vitro cancer cell therapy</i> , Cancer Lett. 2011, 311, 131-140	1.180	6	5.5	0.215
29.	M. Focsan (Iosin), A. M. Gabudean , V. Canpean, D. Maniu and S. Astilean, <i>Formation of size and shape tunable gold nanoparticles in solution by bio-assisted synthesis with bovine serum albumin in native and denaturated state</i> , Mat. Chem. Phys. 2011, 129, 939-942	0.630	5	5	0.126
30.	T. Gallavardin, M. Maurin, S. Marotte, T. Simon, A. M. Gabudean , Y. Bretonnière, M. Lindgren, F. Lerouge, P. L. Baldeck, O. Stéphan, Y. Leverrier, J. Marvel, S. Parola, O. Maury and C. Andraud, <i>Photodynamic therapy and two-photon bio-imaging applications of hydrophobic chromophores through amphiphilic polymer delivery</i> , Photochem. Photobiol. Sci. 2011, 10, 1216-1225	0.746	15	10	0.075
I=6.107, P=4.988					

3. Recunoașterea impactului activității (C)

	Articol	n_i	n_i^{ef}	c	c_i/n_i^{ef}
1.	T. Nagy-Simon, A.-S. Tatar, A. M. Craciun , A. Vulpoi, M.-A. Jurj, A. Florea, C. Tomuleasa, I. Berindan-Neagoe, S. Astilean, S. Boca, <i>Antibody conjugated, Raman tagged hollow gold-silver nanospheres for specific targeting and multimodal Dark Field/SERS/ Two Photon-FLIM imaging of CD19(+) B lymphoblasts</i> , ACS Appl. Mater. Interfaces 2017, DOI:	10	7.5	0	0

	10.1021/acsami.7b05145				
2.	A. M. Craciun , M. Focsan, L. Gaina, S. Astilean, <i>Enhanced one- and two-photon excited fluorescence of cationic (phenothiazinyl)vinyl-pyridinium chromophore attached to polyelectrolyte-coated gold nanorods</i> , <i>Dyes Pigm.</i> 2017, 136, 24-30	4	4	0	0
3.	A. M. Craciun , A. Diac, M. Focsan, C. Socaci, K. Magyari, D. Maniu, I. Mihalache, L. M. Veca, A. Terec, S. Astilean, <i>Surface passivation of carbon nanoparticles with p-phenylenediamine towards photoluminescent carbon dots</i> , <i>RSC Adv.</i> , 2016, 6, 56944-56951	10	7.5	2	0.267
4.	M. Focsan (Iosin), A. Campu, A. M. Craciun , M. Potara, C. Leordean, D. Maniu, S. Astilean, <i>A Simple and Efficient Design to Improve the Detection of Biotin-Streptavidin Interaction with Plasmonic Nanobiosensors</i> , <i>Biosens. Bioelectron.</i> 2016, 86, 728-735	7	6	2	0.333
5.	M. Focsan, A. M. Craciun , Simion Astilean, and Patrice L. Baldeck, <i>Two-photon fabrication of three-dimensional silver microstructures in microfluidic channels for volumetric surface-enhanced Raman scattering detection</i> , <i>Opt. Mater. Express</i> 2016, 6, 1587-1593	4	4	2	0.500
6.	A. Diac, M. Focsan, C. Socaci, A. M. Gabudean , C. Farcau, D. Maniu, E. Vasile, A. Terec, L. M. Veca, S. Astilean, <i>Covalent conjugation of carbon dots with Rhodamine B and assessment of their photophysical properties</i> , <i>RSC Adv.</i> 2015, 5, 77662-77669	10	7.5	7	0.933
7.	P. Moutet, N. M. Sangeetha, L. Ressler, N. Vilar-Vidal, M. Comesana-Hermo, S. Ravaine, R. A. L. Vallee, A. M. Gabudean , S. Astilean, C. Farcau, <i>Surface-enhanced spectroscopy on plasmonic oligomers assembled by AFM nanoxerography</i> , <i>Nanoscale</i> 2015, 7, 2009-2022	10	7.5	3	0.400
8.	C. Leordean, B. Marta, A. M. Gabudean , M. Focsan, I. Botiz and S. Astilean, <i>Fabrication of highly active and cost effective SERS plasmonic substrates by electrophoretic deposition of gold nanoparticles on a DVD template</i> , <i>Appl.Surf.Sci.</i> 2015, 349, 190-195	6	5,5	3	0.545
9.	B. Brem, E. Gal, L. Gaina, C. Cristea, A. M. Gabudean , S. Astilean, L. Silaghi-Dumitrescu, <i>Metallo complexes of meso-phenothiazinylporphyrins: synthesis, linear and nonlinear optical properties</i> , <i>Dyes Pigm.</i> 2015, 123, 386-395	7	6	4	0.667
10.	T. Simon, M. Potara, A. M. Gabudean , E. Licarete, M. Banciu, S. Astilean, <i>Designing Theranostic Agents Based on Pluronic Stabilized Gold Nanoaggregates Loaded with Methylene Blue for Multimodal Cell Imaging and Enhanced Photodynamic Therapy</i> , <i>ACS Appl. Mater. Interfaces</i> 2015, 7, 16191-16201	6	5.5	5	0.909
11.	I. Botiz, P. Freyberg, C. Leordean, A.M. Gabudean , S. Astilean, A. C.-M. Yang, N. Stingelin, <i>Emission properties of MEH-PPV in thin films simultaneously illuminated and annealed at different temperatures</i> , <i>Synth. Met.</i> 2015, 199, 33-36	7	6	4	0.667

12.	A. M. Gabudean , R. Groza, D. Maniu, S. Astilean, <i>Steady-state and time-resolved fluorescence studies on the conjugation of Rose Bengal to gold nanorods</i> , J. Mol. Struct. 2014, 1073, 97-101	4	4	1	0.250
13.	M. Focsan, A. M. Gabudean , A. Vulpoi, S. Astilean, <i>Controlling the Luminescence of Carboxyl-Functionalized CdSe/ZnS Core-Shell Quantum Dots in Solution by Binding with Gold Nanorods</i> , J. Phys. Chem. C, 2014, 118, 25190–25199	4	4	9	2.250
14.	I. Botiz, P. Freyberg, C. Leordean, A. M. Gabudean , S. Astilean, A. C-M Yang, N. Stingelin, <i>Enhancing the Photoluminescence Emission of Conjugated MEH-PPV by Light Processing</i> , ACS Appl. Mater. Interfaces, 2014, 6, 4974–4979	7	6	10	1.667
15.	V. Canpean, A. M. Gabudean , S. Astilean, <i>Enhanced thermal stability of gelatin coated gold nanorods in water solution</i> , Colloids Surf., A 2013, 433, 9-13	3	3	7	2.333
16.	C. Leordean, A. M. Gabudean , V. Canpean and S. Astilean, <i>Easy and cheap fabrication of ordered pyramidalshaped plasmonic substrates for detection and quantitative analysis using surface-enhanced Raman spectroscopy</i> , Analyst 2013, 138, 4975-4981	4	4	3	0.750
17.	M. Iliut, A. M. Gabudean , C. Leordean, T.Simon, C.M. Teodorescu and S. Astilean, <i>Riboflavin enhanced fluorescence of highly reduced graphene oxide</i> , Chem. Phys. Lett. 2013, 586, 127-131	6	5.5	5	0.909
18.	T.Simon, S. Boca-Farcau, A. M. Gabudean , P. Baldeck and S. Astilean, <i>LED-activated methylene blue-loaded Pluronic-nanogold hybrids for in vitro photodynamic therapy</i> , J. Biophoton. 2013, 6, 950-959	5	5	6	1.200
19.	M. Cottat, N. Thioune, A. M. Gabudean , N. Lidgi-Guigui, M. Focsan, S. Astilean, M. Lamy de la Chapelle, <i>Localized Surface Plasmon Resonance (LSPR) Biosensor for the Protein Detection</i> , Plasmonics 2013, 8, 699-704	7	6	10	1.667
20.	N. Thioune, N. Lidgi-Guigui, M. Cottat, A.M. Gabudean , M. Focsan, H.M. Benoist, S. Astilean, M. L. De La Chapelle, <i>Study of gold nanorods-protein interaction by localized surface plasmon resonance spectroscopy</i> , Gold Bull. 2013, 46, 275-281	8	6.5	7	1.077
21.	A. M. Gabudean , M. Focsan, S. Astilean, <i>Gold Nanorods Performing as Dual-Modal Nanoprobes via Metal- Enhanced Fluorescence (MEF) and Surface-Enhanced Raman Scattering (SERS)</i> , J. Phys. Chem. C 2012, 116, 12240-12249	3	3	58	19.333
22.	A. M. Gabudean , D. Biro, S. Astilean, <i>Hybrid plasmonic platforms based on silica-encapsulated gold nanorods as effective spectroscopic enhancers for Raman and fluorescence spectroscopy</i> , Nanotechnology 2012, 23, 4857061	3	3	17	5.667

23.	J.R.G. Navarro, D. Manchon, F. Lerouge, N. P Blanchard, S. Marotte, Y. Leverrier, J. Marvel, F. Chaput, G. Micouin, A. M. Gabudean et al., <i>Synthesis of PEGylated gold nanostars and bipyramids for intracellular uptake</i> , Nanotechnology 2012, 23, 465602	15	10	22	2.200
24.	A. M. Gabudean , D. Biro, S. Astilean, <i>Localized surface plasmon resonance (LSPR) and surface-enhanced Raman scattering (SERS) studies of 4-aminothiophenol adsorption on gold nanorods</i> , J. Molec. Struct. 2011, 993, 420-424	3	3	29	9.667
25.	A. M. Gabudean , F. Lerouge, T. Gallavardin, M. Iosin, S. Zaiba, O. Maury, P. L. Baldeck, C. Andraud, S. Parola, <i>Synthesis and optical properties of dyes encapsulated in gold hollow nanoshells</i> , Opt. Mater. 2011, 33, 1377-1381	9	7	10	1.429
26.	S. Zaiba, F. Lerouge, A. M. Gabudean , M. Focsan, J. Lerme, T. Gallavardin, O. Maury, C. Andraud, S. Parola, and P. L. Baldeck, <i>Transparent Plasmonic Nanocontainers Protect Organic Fluorophores against Photobleaching</i> , Nano Lett. 2011, 11, 2043-2047	10	7.5	29	3.867
27.	M. Potara, A. M. Gabudean , S. Astilean, <i>Solution-phase, dual LSPR-SERS plasmonic sensors of high sensitivity and stability based on chitosan coated anisotropic silver nanoparticles</i> , J. Mater. Chem. 2011, 21, 3625-3633	3	3	60	20.000
28.	S. Boca, M. Potara, A. M. Gabudean , A. Juhem, P. Baldeck, S. Astilean, <i>Chitosan-coated triangular silver nanoparticles as a novel class of biocompatible, highly effective photothermal transducers for in vitro cancer cell therapy</i> , Cancer Lett. 2011, 311, 131-140	6	5.5	92	16.727
29.	M. Focsan (Iosin), A. M. Gabudean , V. Canpean, D. Maniu and S. Astilean, <i>Formation of size and shape tunable gold nanoparticles in solution by bio-assisted synthesis with bovine serum albumin in native and denaturated state</i> , Mat. Chem. Phys. 2011, 129, 939-942	5	5	8	1.600
30.	T. Gallavardin, M. Maurin, S. Marotte, T. Simon, A. M. Gabudean , Y. Bretonnière, M. Lindgren, F. Lerouge, P. L. Baldeck, O. Stéphan, Y. Leverrier, J. Marvel, S. Parola, O. Maury and C. Andraud, <i>Photodynamic therapy and two-photon bio-imaging applications of hydrophobic chromophores through amphiphilic polymer delivery</i> , Photochem. Photobiol. Sci. 2011, 10, 1216-1225	15	10	47	4.700
C = 102.51					