

Universitatea din București
Facultatea de Biologie
Domeniul: BIOLOGIE
Nume și prenume: **STAN Miruna-Silvia**
Grad didactic/științific: Conf. univ. dr.

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE CNATDCU

A. CONDIȚII PRELIMINARE OBLIGATORII

1. Calificarea profesională: titlul de doctor în specialitatea disciplinei postului sau înrudită cu aceasta.

Îndeplinit: Doctor în domeniul Biologie, Diplomă de doctor seria J nr. 0010362 /07.12.2015, eliberată de Universitatea din București.

2. Articole științifice ca autor principal: minim 4 articole în reviste cotate ISI, cu AIS cumulată mai mare sau egală cu 4, din care 2 articole cu AIS de cel puțin 0,3 în ultimii 5 ani (2019-2023).

Îndeplinit: 18 articole cu AIS cumulată de 10,236 (din care 13 articole cu AIS > 0,3)

Nr. crt.	ARTICOLE	Anul	AIS
1	Stan MS , Badea MA, Pîrcălăbioru GG, Chifiriuc MC, Diamandescu L, Dumitrescu I, Trică B, Lambert C, Dinischiotu A. Designing cotton fibers impregnated with photocatalytic graphene oxide/Fe, N-doped TiO ₂ particles as prospective industrial self-cleaning and biocompatible textiles. <i>Mat. Sci. Eng. C</i> 2019, 94, 318-332.	2019	0,795
2	Strugari A, Stan MS* , Gharbia S, Hermenean A, Dinischiotu A. Characterization of Nanoparticles Intestinal transport Using an In Vitro Co-culture Model. <i>Nanomaterials</i> 2019, 9(1), 5. *autor corespondent	2019	0,671
3	MS Stan , Nica IC, Popa M, Chifiriuc MC, Iordache O, Dumitrescu I, Diamandescu L, Dinischiotu A. Reduced graphene oxide/TiO ₂ nanocomposites coating of cotton fabrics with antibacterial and self-cleaning properties. <i>J. Ind. Textile</i> 2019, 49(3), 277-293.	2019	0,272

4	Stan MS , Chirilă L, Popescu A, Rădulescu DM, Rădulescu DE, Dinischiotu A. Essential oil microcapsules immobilized on textiles and certain induced effects. <i>Materials</i> 2019, 12(12), 2029.	2019	0,543
5	Voicu SN, Hermenean A, Olah NK, Bădulescu L, Stan MS *, Dinischiotu A. Designing new mother tinctures for increased antioxidant efficiency on inflammatory intestinal diseases. <i>Farmacologia</i> 2019, 67(2), 290-295. *autor corespondent	2019	0,119
6	Stan MS , Voicu SN, Căruntu S, Nica IC, Olah NK, Burtescu R, Baltă C, Roșu M, Herman H, Hermenean A, Dinischiotu A. Antioxidant and anti-inflammatory properties of a <i>Thuja occidentalis</i> mother tincture for the treatment of ulcerative colitis. <i>Antioxidants</i> 2019, 8(9), 416.	2019	0
7	Cristian RE, Mohammad IJ, Mernea M, Sbârcea BG, Trică B, Stan MS *, Dinischiotu A. Analyzing the interaction between two different types of nanoparticles and serum albumin. <i>Materials</i> 2019, 12, 19, 3183. *autor corespondent	2019	0,543
8	Stan MS , Mernea M, Cristian RE, Mohammad IJ, Sbârcea BG, Trică B, Dinischiotu A. Correlating the serum albumin corona of zinc oxide nanoparticles with their physico-chemical properties. <i>Rom. Rep. Phys.</i> 2020, 72, 602.	2020	0,268
9	Gheorghe S, Mitroi DN, Stan MS , Staicu CA, Cîrcîma M, Lucaciu IE, Niță-Lazăr M, Dinischiotu A. Evaluation of sub-lethal toxicity of benzethonium chloride in <i>Cyprinus carpio</i> liver. <i>Appl. Sci.</i> 2010, 10(23), 8485. *autor corespondent	2020	0,409
10	Stan MS , Badea S, Hermenean A, Hildegard H, Trica B, Sbarcea BG, Dinischiotu A. New insights into the cell death signaling pathways triggered by long-term exposure to silicon-based quantum dots in human lung fibroblasts. <i>Nanomaterials</i> 2021, 11, 323.	2021	0,737
11	Puiu RA, Balaure PC, Constantinescu E, Grumezescu AM, Andronescu E, Oprea O, Vasile BS, Grumezescu V, Negut I, Nica IC, Stan MS . Anti-cancer nanopowders and MAPLE-fabricated thin coatings based on SPIONs surface modified with paclitaxel loaded β -cyclodextrin. <i>Pharmaceutics</i> 2021, 13(9), 1356.	2021	0,879
12	Nica IC, Stan MS *, Popescu RG, Nicula N, Ducu R, Diamandescu L, Dinischiotu A. Fe-N co-doped titanium dioxide nanoparticles induce cell death in human lung fibroblasts in a p53-independent manner. <i>Int. J. Mol. Sci.</i> 2021, 22(17), 9627. *autor corespondent	2021	1,064
13	Nica IC, Miu BA, Stan MS *, Diamandescu L, Dinischiotu A. Could iron-nitrogen doping modulate the cytotoxicity of TiO ₂ nanoparticles? <i>Nanomaterials</i> 2022, 12(5):770. *autor corespondent	2022	0,707
14	Gheorghe S, Stan MS *, Mitroi DN, Staicu AC, Cicirma M, Lucaciu IE, Nita-Lazar M, Dinischiotu A. Oxidative stress and histopathological changes in gills and kidneys of <i>Cyprinus carpio</i> following exposure to benzethonium chloride, a cationic surfactant. <i>Toxics</i> 2022, 10(5), 227. *autor corespondent	2022	0,719
15	Alistar CF, Nica IC, Nita-Lazar M, Vasile GG, Gheorghe S, Croitoru A-M, Dolete G, Mihaiescu DE, Ficai A, Craciun N, Gradisteanu Pircalabioru G, Chifiriuc MC, Stan MS *, Dinischiotu A. Antioxidative defense and gut microbial changes under pollution stress in <i>Carassius gibelio</i> from bucharest lakes. <i>Int. J. Environ. Res. Public Health</i> 2022, 19(12), 7510. *autor corespondent	2022	0

16	Chirila L, Popescu A, Cerempei A, Constantinescu RR, Olaru S, Stan MS* . Eco-friendly antibacterial and biocompatible coatings by applying cinnamon essential oil and propolis based emulsions on cotton textiles. <i>J. Nat. Fibers</i> 2022, 19(16), 14435-14448. *autor corespondent	2022	0,324
17	Voinea IC, Alistar CF, Banciu A, Popescu RG, Voicu SN, Nita-Lazar M, Vasile GG, Gheorghe S, Croitoru AM, Dolete G, Mihaiescu DE, Ficai A, Popa M, Marutescu L, Pircalabioru GG, Craciun N, Avramescu S, Marinescu GC, Chifiriuc MC, Stan MS* , Dinischiotu A. Snapshot of the pollution-driven metabolic and microbiota changes in <i>Carassius gibelio</i> from Bucharest leisure lakes. <i>Sci. Total Environ.</i> 2023, 884, 163810. *autor corespondent	2023	1,432
18	Marinescu G, Culita DC, Mocanu T, Mitran R-A, Petrescu S, Stan MS* , Chifiriuc MC, Popa M. New nanostructured materials based on mesoporous silica loaded with Ru(II)/Ru(III) complexes with anticancer and antimicrobial properties. <i>Pharmaceutics</i> 2023, 15(5),1458. *contribuție egală cu primul autor	2023	0,754
NUMĂR DE ARTICOLE AUTOR PRINCIPAL CU AIS DE CEL PUȚIN 0,3 ÎN ULTIMII 5 ANI		13	
TOTAL AIS în ultimii 5 ani (din articole cu AIS mai mare de 0,3)		10,236 (9,577)	

3. Coordonare proiecte de cercetare obținute prin competiție națională sau internațională: minim 2 granturi de cercetare naționale în calitate de director (sau responsabil), sau unul național în calitate de director și unul internațional în calitate de responsabil național.

Îndeplinit: 3 proiecte de cercetare obținute prin competiție națională.

Nr. Crt.	PROIECTUL	Perioada de desfășurare
1.	PN-III-P2-2.1-PED-2021-0423 (Nr. 612PED/2022 PuMA) Nanocompozite antimicrobiene pe bază de spumă poliuretanică pentru aplicații biomedicale, sintetizate prin tehnologie asistată de radiații – Director de proiect, finanțat de UEFISCDI	2022-2024
2.	PN-III-P1-1.1-TE-2021-1375 (Nr. 81TE/2022 TRANS-NANO-BIO) Dinamica transportului nanoparticulelor prin bariere celulare - relevanță în toxicologie și sisteme de livrare a medicamentelor – Director de proiect, finanțat de UEFISCDI	2022-2024
3.	PN-III-P1-1.1-PD-2016-1562 (Nr. 77PD/2018 NANO-BIO-INT) Analiza interacțiilor dintre nanoparticule și biomolecule cu scopul de a înțelege rolul nano-bio interfeței în anticiparea comportamentului și efectelor nanoparticulelor în sistemele biologice – Responsabil partner, finanțat de UEFISCDI	2018-2020
TOTAL granturi de cercetare naționale în calitate de director sau responsabil		3

B. Criterii și standarde minimale

B1. Evaluarea activității de cercetare

Nr. Crt.	PARAMETRUL	Formule de calcul		
1.	Articole în reviste cotate ISI, ca autor principal (prim autor, autor corespondent, ultim autor)	$1 \times [4 + (7 \times AI_1) + c_1] + 1 \times [4 + (7 \times AI_2) + c_2] + \dots = 612,713$		
		AIS	Nr. citari (c)	Punctaj
	Marinescu G, Culita DC, Mocanu T, Mitran R-A, Petrescu S, Stan MS* , Chifiriuc MC, Popa M. New nanostructured materials based on mesoporous silica loaded with Ru(II)/Ru(III) complexes with anticancer and antimicrobial properties. <i>Pharmaceutics</i> 2023, 15(5),1458. *contribuție egală cu primul autor	0,754	2	11,278
	Voinea IC, Alistar CF, Banciu A, Popescu RG, Voicu SN, Nita-Lazar M, Vasile GG, Gheorghe S, Croitoru AM, Dolete G, Mihaiescu DE, Ficai A, Popa M, Marutescu L, Pircalabioru GG, Craciun N, Avramescu S, Marinescu GC, Chifiriuc MC, Stan MS* , Dinischiotu A. Snapshot of the pollution-driven metabolic and microbiota changes in <i>Carassius gibelio</i> from Bucharest leisure lakes. <i>Sci. Total Environ.</i> 2023, 884, 163810. *autor corespondent	1,432	0	14,024
	Chirila L, Popescu A, Cerempei A, Constantinescu RR, Olaru S, Stan MS . Eco-friendly antibacterial and biocompatible coatings by applying cinnamon essential oil and propolis based emulsions on cotton textiles. <i>J. Nat. Fibers</i> 2022, 19(16), 14435-14448.	0,324	0	6,268
	Alistar CF, Nica IC, Nita-Lazar M, Vasile GG, Gheorghe S, Croitoru A-M, Dolete G, Mihaiescu DE, Ficai A, Craciun N, Gradisteanu Pircalabioru G, Chifiriuc MC, Stan MS* , Dinischiotu A. Antioxidative defense and gut microbial changes under pollution stress in <i>Carassius gibelio</i> from bucharest lakes. <i>Int. J. Environ. Res. Public Health</i> 2022, 19(12), 7510. *autor corespondent	0	1	5
	Gheorghe S, Stan MS* , Mitroi DN, Staicu AC, Cicirma M, Lucaciu IE, Nita-Lazar M, Dinischiotu A. Oxidative stress and histopathological changes in gills and kidneys of <i>Cyprinus carpio</i> following exposure to benzethonium chloride, a cationic surfactant. <i>Toxics</i> 2022; 10(5):227. *autor corespondent	0,719	2	11,033
	Nica IC, Miu BA, Stan MS* , Diamandescu L, Dinischiotu A. Could iron-nitrogen doping modulate the cytotoxicity of TiO ₂ nanoparticles? <i>Nanomaterials</i> . 2022; 12(5):770. <i>Nanomaterials</i> 2021, 11, 323. *autor corespondent	0,707	1	9,949

Nica IC, Stan MS* , Popescu RG, Nicula N, Ducu R, Diamandescu L, Dinischiotu A. Fe-N co-doped titanium dioxide nanoparticles induce cell death in human lung fibroblasts in a p53-independent manner. <i>Int. J. Mol. Sci.</i> 2021; 22(17), 9627. *autor corespondent	1,064	2	13,448
Puiu RA, Balaure PC, Constantinescu E, Grumezescu AM, Andronescu E, Oprea O, Vasile BS, Grumezescu V, Negut I, Nica IC, Stan MS . Anti-cancer nanopowders and MAPLE-fabricated thin coatings based on SPIONs surface modified with paclitaxel loaded β -cyclodextrin. <i>Pharmaceutics</i> 2021, 13(9), 1356.	0,879	17	27,153
Stan MS , Badea S, Hermenean A, Hildegard H, Trica B, Sbarcea BG, Dinischiotu A. New insights into the cell death signaling pathways triggered by long-term exposure to silicon-based quantum dots in human lung fibroblasts. <i>Nanomaterials</i> 2021, 11, 323.	0,737	7	16,159
Gheorghe S, Mitroi DN, Stan MS* , Staicu CA, Cicirma M, Lucaciu IE, Nita-Lazar M, Dinischiotu A. Evaluation of sub-lethal toxicity of benzethonium chloride in <i>Cyprinus carpio</i> liver. <i>Appl. Sci.</i> 2020, 10, 8485. *autor corespondent	0,409	6	12,863
Stan MS* , Mernea M, Cristian RE, Mohammad IJ, Sbarcea BG, Trica B, Dinischiotu A. Correlating the serum albumin corona of zinc oxide nanoparticles with their physico-chemical properties. <i>Rom. Rep. Phys.</i> 2020, 72(1), 602. *autor corespondent	0,268	1	6,876
Cristian RE, Mohammad IJ, Mernea M, Sbarcea BG, Trica B, Stan MS* , Dinischiotu A. Analyzing the interaction between two different types of nanoparticles and serum albumin. <i>Materials</i> 2019, 12(19), 3183. *autor corespondent	0,543	14	21,801
Stan MS , Voicu SN, Caruntu S, Nica IC, Olah NK, Burtescu R, Balta C, Rosu M, Herman H, Hermenean A, Dinischiotu A. Antioxidant and anti-inflammatory properties of a <i>Thuja occidentalis</i> mother tincture for the treatment of ulcerative colitis. <i>Antioxidants</i> 2019, 8(9), 416.	0	26	30
Stan MS , Nica IC, Popa M, Chifiriuc MC, Iordache O, Dumitrescu I, Diamandescu L, Dinischiotu A. Reduced graphene oxide/TiO ₂ nanocomposites coating of cotton fabrics with antibacterial and self-cleaning properties. <i>J. Ind. Text.</i> 2019, 49(3):277-293.	0,272	51	56,904
Stan MS* , Chirila L, Popescu A, Radulescu DM, Radulescu DE, Dinischiotu A. Essential oil microcapsules immobilized on textiles and certain induced effects. <i>Materials</i> 2019, 12(12), 2029. *autor corespondent	0,543	21	28,801
Voicu SN, Hermenean A, Olah NK, Badulescu L, Stan MS* , Dinischiotu A. Designing new mother tinctures for increased antioxidant efficiency on inflammatory intestinal diseases. <i>Farmacia</i> 2019, 67(2):290-295. *autor corespondent	0,119	4	8,833

Strugari AFG, Stan MS* , Gharbia S, Hermenean A, Dinischiotu A. Characterization of nanoparticle intestinal transport using an in vitro co-culture model. <i>Nanomaterials</i> 2019, 9(1), 5. *autor corespondent	0,671	20	28,697
Stan MS , Badea MA, Pircalabioru GG, Chifiriuc MC, Diamandescu L, Dumitrescu I, Trica B, Lambert C, Dinischiotu A. Designing cotton fibers impregnated with photocatalytic graphene oxide/Fe, N-doped TiO ₂ particles as prospective industrial self-cleaning and biocompatible textiles. <i>Mat. Sci. Eng. C</i> 2019, 94:318-332.	0,795	43	52,565
Stan M , Cinteza LO, Petrescu L, Mernea MA, Calborean O, Mihailescu DF, Sima C, Dinischiotu A. Dynamic analysis of the interactions between Si/SiO ₂ quantum dots and biomolecules for improving applications based on nano-bio interfaces. <i>Sci. Rep.</i> 2018, 8:5289.	1,286	22	35,002
Nica IC, Stan MS* , Popa M, Chifiriuc MC, Pircalabioru GG, Lazar V, Dumitrescu I, Diamandescu L, Feder M, Baibarac M, Cernea M, Maraloiu VA, Popescu T, Dinischiotu A. Development and biocompatibility evaluation of photocatalytic TiO ₂ /reduced graphene oxide-based nanoparticles designed for self-cleaning purposes. <i>Nanomaterials</i> 2017, 7(9):279. *autor corespondent	0,696	10	18,872
Stan MS , Nica IC, Dinischiotu A, Varzaru E, Iordache OG, Dumitrescu I, Popa M, Chifiriuc MC, Pircalabioru GG, Lazar V, Berzirtzoglou E, Feder M, Diamandescu L. Photocatalytic, antimicrobial and biocompatibility features of cotton knit coated with Fe-N-doped titanium dioxide nanoparticles. <i>Materials</i> 2016, 9(9):789.	0,691	19	27,837
Stan MS , Constanda S, Grumezescu V, Andronescu E, Ene AM, Holban AM, Vasile BS, Mogoantă L, Bălșeanu TA, Mogoșanu GD, Socol G, Grumezescu AM, Dinischiotu A, Lazar V, Chifiriuc CM. Thin coatings based on ZnO@C18-usnic acid nanoparticles prepared by MAPLE inhibit the development of Salmonella enterica early biofilm growth. <i>Appl. Surf. Sci.</i> 2016, 374:318-325.	0,588	18	26,116
Constanda S, Stan MS* , Ciobanu CS, Motelica-Heino M, Guégan R, Lafdi K, Dinischiotu A, Predoi D. Carbon nanotubes-hydroxyapatite nanocomposites for an improved osteoblast cell response. <i>J. Nanomater.</i> 2016, vol. 2016, Article ID 3941501, 10 pages. *autor corespondent	0,485	27	34,395
Cojocaru SI, Stan MS* , Anton M, Luca MR, Ghiorghita G, Stoian G, Dinischiotu A. The cytotoxic activity of sanguinarine in C32 human amelanotic melanoma cells. <i>Turk. J. Biol.</i> 2016, 40(1):130-138. *autor corespondent	0,217	0	5,519
Stan MS , Sima C, Cinteza LO, Dinischiotu A. Silicon-based quantum dots induce inflammation in human lung cells and disrupt extracellular matrix homeostasis. <i>FEBS J.</i> 2015; 282(15):2914-2929.	1,358	23	36,506
Stan MS , Memet I, Fratila C, Krasicka-Cydzik E, Roman I, Dinischiotu A. Effects of titanium-based nanotube films on osteoblast behavior in vitro. <i>J. Biomed. Mater. Res. A</i> 2015, 103(1):48-56.	0,733	16	25,131

	Stan MS , Memet I, Sima C, Popescu T, Teodorescu VS, Hermenean A, Dinischiotu A. Si/SiO ₂ quantum dots cause cytotoxicity in lung cells through redox homeostasis imbalance. <i>Chem. Biol. Interact.</i> 2014, 220C:102-115.	0,669	33	41,683
	TOTAL	16,959	386	612,713
2.	Articole în reviste cotate ISI, ca și contributor	0,7 x [4 + (7 x AI₁) + c₁] + 0,7 x [4 + (7 x AI₂) + c₂] +.....= 926,636		
	Burdusel A-C, Neacsu IA, Birca AC, Chircov C, Grumezescu A-M, Holban AM, Curutiu C, Ditu LM, Stan M , Andronescu E. Microwave-assisted hydrothermal treatment of multifunctional substituted hydroxyapatite with prospective applications in bone regeneration. <i>J. Funct. Biomater.</i> 2023, 14(7), 378.	0,752	0	6,485
	Bîrcă AC, Gherasim O, Niculescu A-G, Grumezescu AM, Neacșu IA, Chircov C, Vasile BȘ, Oprea OC, Andronescu E, Stan MS , Curutiu C, Ditu LM, Holban AM. A microfluidic approach for synthesis of silver nanoparticles as a potential antimicrobial agent in alginate–hyaluronic acid-based wound dressings. <i>Int J Molec Sci.</i> 2023, 24(14), 11466.	1,028	0	7,837
	Geana EI, Ciucure CT, Tamaian R, Marinas IC, Gaboreanu DM, Stan M , Chitescu CL. Antioxidant and wound healing bioactive potential of extracts obtained from bark and needles of softwood species. <i>Antioxidants</i> 2023; 12(7), 1383.	0,945	0	7,431
	Jawdhari A, Mihăilescu DF, Stan MS , Bălănescu M-V, Vlăsceanu R-I, Staicu CA, Crăciun N, Deák G. Ingestion of polyvinylchloride powder particles induces oxidative stress and hepatic histopathological changes in <i>Oreochromis niloticus</i> (Nile Tilapia)—a preliminary study. <i>Sustainability</i> 2023, 15(8), 6494.	0,526	0	5,377
	Serban RM, Niculae D, Manda G, Neagoe I, Dobre M, Niculae DA, Temelie M, Mustăciosu C, Leonte RA, Chilug LE, Cornoiu MR, Cocioabă D, Stan M , Dinischiotu A. Modifications in cellular viability, DNA damage and stress responses inflicted in cancer cells by copper-64 ions. <i>Frontiers in Medicine</i> 2023, 10, 1197846.	0,936	0	7,386
	Cepleanu-Pascu IA, Stan M , Cocioaba M, Stoica I. Easy method for six-fragment Golden Gate Assembly of modular vectors. <i>BioTechniques</i> 2023, 74(2), 85-99.	0,584	0	5,662
	Nitulescu G, Mihai DP, Zanfirescu A, Stan MS , Gradinaru D, Nitulescu GM. Discovery of new microbial collagenase inhibitors. <i>Life</i> 2022, 12(12), 2114.	0,6	1	6,440
	Florea DA, Grumezescu V, Bîrcă AC, Vasile BȘ, Iosif A, Chircov C, Stan MS , Grumezescu AM, Andronescu E, Chifiriuc MC. Bioactive hydroxyapatite-magnesium phosphate coatings deposited by MAPLE for preventing infection and promoting orthopedic implants osteointegration. <i>Materials</i> 2022, 15(20), 7337.	0,51	0	5,299
	Florea DA, Grumezescu V, Bîrcă AC, Vasile BȘ, Mușat M, Chircov C, Stan MS , Grumezescu AM, Andronescu E, Chifiriuc MC. Design, characterization, and antibacterial performance of MAPLE-	1,028	2	9,237

deposited coatings of magnesium phosphate-containing silver nanoparticles in biocompatible concentrations. <i>Int. J. Mol. Sci.</i> 2022, 23(14), 7910.			
Negut I, Ristoscu C, Tozar T, Dinu M, Parau AC, Grumezescu V, Hapenciuc C, Popa M, Stan MS , Marutescu L, Mihailescu IN, Chifiriuc MC. Implant surfaces containing bioglasses and ciprofloxacin as platforms for bone repair and improved resistance to microbial colonization. <i>Pharmaceutics</i> 2022, 14(6), 1175.	0,754	4	9,295
Caciandone M, Niculescu A-G, Grumezescu V, Bîrcă AC, Ghica IC, Vasile BŞ, Oprea O, Nica IC, Stan MS , Holban AM, Grumezescu AM, Anghel I, Anghel AG. Magnetite nanoparticles functionalized with therapeutic agents for enhanced antimicrobial properties. <i>Antibiotics</i> 2022; 11(5):623.	0,754	11	14,195
Caciandone M, Niculescu A-G, Roşu AR, Grumezescu V, Negut I, Holban AM, Oprea O, Vasile BŞ, Bîrcă AC, Grumezescu AM, Stan MS , Anghel AG, Anghel I. PEG-functionalized magnetite nanoparticles for modulation of microbial biofilms on voice prosthesis. <i>Antibiotics</i> 2022; 11(1), 39.	0,754	13	15,595
Lungulescu E-M, Setnescu R, Pătroi EA, Lungu MV, Pătroi D, Ion I, Fierăscu R-C, Şomoghi R, Stan M , Nicula N-O. High-efficiency biocidal solution based on radiochemically synthesized Cu-Au alloy nanoparticles. <i>Nanomaterials</i> 2021; 11(12):3388. <i>Nanomaterials</i> 2021, 11, 323.	0,737	4	9,211
Spirescu VA, Niculescu A-G, Slave Ş, Bîrcă AC, Dorcioman G, Grumezescu V, Holban AM, Oprea O-C, Vasile BŞ, Grumezescu AM, Nica IC, Stan MS , Andronescu E. Anti-biofilm coatings based on chitosan and lysozyme functionalized magnetite nanoparticles. <i>Antibiotics</i> 2021; 10(10), 1269.	0,828	12	15,257
Avram S, Stan MS , Udrea AM, Buiu C, Boboc AA, Mernea M. 3D-ALMOND-QSAR models to predict the antidepressant effect of some natural compounds. <i>Pharmaceutics</i> 2021; 13(9), 1449.	0,879	6	11,307
Karkossa I, Bannuscher A, Hellack B, Wohlleben W, Laloy J, Stan MS , Dinischiotu A, Wiemann M, Luch A, Haase A, von Bergen M, Schubert K. Nanomaterials induce different levels of oxidative stress, depending on the used model system: Comparison of in vitro and in vivo effects. <i>Sci. Total Environ.</i> 2021, 801, 149538.	1,398	9	15,950
Brandão F, Costa C, Bessa MJ, Dumortier E, Debaq-Chainiaux F, Hubaux R, Salmon M, Laloy J, Stan MS , Hermenean A, Gharbia S, Dinischiotu A, Bannuscher A, Hellack B, Haase A, Fraga S, Teixeira JP. Genotoxicity and gene expression in the rat lung tissue following instillation and inhalation of different variants of amorphous silica nanomaterials (aSiO ₂ NM). <i>Nanomaterials</i> 2021, 11(6), 1502.	0,737	6	10,611
Onita B, Albu P, Herman H, Balta C, Lazar V, Fulop A, Baranyai E, Harangi S, Keki S, Nagy L, Nagy T, Józsa V, Gál D, Györe K, Stan M , Hermenean A, Dinischiotu A. Correlation between heavy metal-induced histopathological changes and trophic interactions between different fish species. <i>Appl. Sci.</i> 2021, 11(9), 3760.	0,409	14	14,604

Scomorosenco C, Teodorescu M, Raducan A, Stan M , Voicu SN, Trica B, Ninciuleanu CM, Nistor CL, Mihaescu CI, Petcu C, Cinteza LO. Novel gel microemulsion as topical drug delivery system for curcumin in dermatocosmetics. <i>Pharmaceutics</i> 2021, 13(4), 505.	0,879	37	33,007
Tănase MA, Raducan A, Oancea P, Dițu LM, Stan M , Petcu C, Scomoroșenco C, Ninciuleanu CM, Nistor CL, Cinteza LO. Mixed Pluronic—Cremophor polymeric micelles as nanocarriers for poorly soluble antibiotics—the influence on the antibacterial activity. <i>Pharmaceutics</i> 2021, 13(4), 435.	0,879	24	23,907
Gherasim O, Grumezescu AM, Grumezescu V, Negut I, Dumitrescu MF, Stan MS , Nica IC, Holban AM, Socol G, Andronescu E. Bioactive coatings based on hydroxyapatite, kanamycin and growth factor for biofilm modulation. <i>Antibiotics</i> 2021, 10, 160.	0,828	11	14,557
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	Hermenean A, Popescu C, Ardelean A, Stan M , Hadaruga N, Mihali CV, Costache M, Dinischiotu A. Hepatoprotective effects of Berberis vulgaris L. extract/ β cyclodextrin on carbon tetrachloride – induced acute toxicity in mice. <i>Int. J. Mol. Sci.</i> 2012, 13(7): 9014-9034.	0,666	33	29,163
	Ciobanu CS, Massuyeau F, Andronescu E, Stan MS , Dinischiotu A, Predoi D. Biocompatibility study of europium doped crystalline hydroxyapatite bioceramics. <i>Dig. J. Nanomater. Biostruct.</i> 2011, 6(4):1639-1647	0	27	21,700
	TOTAL	34,395	879	926,636
3.	Articole publicate în reviste indexate BDI, ca autor principal	(1 + c₁) + (1 + c₂) + = 1		
	Roman I., Eugeniu V., Trusca R., Soare M.L., Fratila C.V., Dinischiotu A., Stan M . Electrode și senzor electrochimic pentru măsurarea directă a conținutului de fosfatază alcalină din soluții, în scopuri biomedicale. Brevet de invenție Nr. 128556 (OSIM). BOPI-Secțiunea Invenții nr. 8/2017. Data eliberării 30.08.2017, București, România.		0	1
4.	Articole publicate în reviste indexate BDI, ca ca și contributor	0,7 x [(1 + c₁) + (1 + c₂)] = 8,4		
	Cojocaru S, Stan MS , Stoian G, Dinischiotu A. Effects of Zingiber officinale roscoe fresh extract on amelanotic melanoma and normal skin fibroblasts. <i>Rev. Med. Chir. Soc. Med. Nat. Iași</i> 2015, 119(2): 592-596.		7	5,6
	Moreau J, Callewaert M, Malyskiy V, Henoumont C, Voicu SN, Stan MS , Molinari M, Cadiou C, Laurent S, Chuburu F. Fluorescent chitosan-based nanohydrogels and encapsulation of gadolinium MRI contrast agent for magneto-optical imaging. <i>Carbohydrate Polymer Technologies and Applications</i> 2021, 2: 100104.		3	2,8
	TOTAL		10	8,4
5.	Cărți în edituri internaționale de prestigiu	(100 + c) : n = 0		
		Nr. citari (c)	n – numar de autori	Punctaj
6.	Cărți în alte edituri internaționale	(40 + c) : n = 0		
		Nr. citari (c)	n – numar de autori	Punctaj
7.	Cărți în Editura Academiei Române	(40 + c) : n = 0		
		Nr. citari (c)	n – numar de autori	Punctaj

8.	Cărți la Edituri Universitare	(20 + c) : n = 10		
		Nr. citari (c)	n – numar de autori	Punctaj
	Stan MS, Dinischiotu A. Teste-grilă și probleme de metabolism. Editura Universității din București. 2023. ISBN: 9786061613885.	0	2	10
9.	Cărți în alte edituri din țară	(20 + c) : n = 0		
		Nr. citari (c)	n – numar de autori	Punctaj
10.	Capitole în volume la edituri internaționale de prestigiu	(50 + c) : n = 47,16		
		Nr. citari (c)	n – numar de autori	Punctaj
	Nica IC, Stan MS, Dinischiotu A. Metal/metal oxides for electrochemical DNA biosensing. In: Metal Oxides Series. Metal Oxides for Biomedical and Biosensor Applications (eds. Mondal K, Korotcenkov G), 1 st edition, Elsevier Science Publishing Co Inc, Oxford, UK, 2021, p. 265-289. Print ISBN: 978-0-12-823033-6.	1	3	17
	Stan MS, Strugari AFG, Balas M, Nica IC. Biomedical applications of carbon nanotubes with improved properties. In: Fullerenes, Graphenes and Nanotubes: A Pharmaceutical Approach (ed. Grumezescu AM), Elsevier, Oxford, UK, 2018, p. 31-65. Print ISBN: 978-0-12-813691-1.	4	4	13,5
	Stan MS, Sima C, Dinischiotu A. Silicon Quantum Dots: From Synthesis to Bioapplications. In: Bioactivity of Engineered Nanoparticles (eds. Yan B, Zhou H, Gardea-Torresdey JL), Springer, Singapore, 2017, p. 339-359. Print ISBN: 978-981-10-5863-9.	0	3	16,66
11.	Capitole în volume la alte edituri internaționale	(20 + c) : n = 0		
		Nr. citari (c)	n – numar de autori	Punctaj
12.	Capitole în cărți/volume la edituri naționale	(10 + c) : n = 0		
		Nr. citari (c)	n – numar de autori	Punctaj
13.	Editor/redactor/coordonator cărți în edituri internaționale de prestigiu	(50 + c) : n = 0		
		Nr. citari (c)	n – numar de autori	Punctaj
	Editor/redactor/coordonator cărți la alte edituri internaționale	(30 + c) : n = 0		

14.		Nr. citari (c)	n – numar de autori	Punctaj
15.	Editor/redactor/coordonator cărți la edituri naționale	(20 + c) : n = 0		
		Nr. citari (c)	n – numar de autori	Punctaj

Parametrul	Standarde minimale CNATDCU Profesor/Abilitare	Punctaj obținut	Îndeplinirea standardului
Punctaj cumulativ 1-2 - Recunoaștere internațională	150	1539,349	Îndeplinit
Punctaj cumulativ indici 1-15 – Performanță totală	250	1605,909	Îndeplinit

Citările au fost luate din Scopus.

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25.09.2023

Nume, prenume
Conf. Dr. STAN Miruna-Silvia

