

Universitatea din București  
Facultatea de Biologie  
Școala doctorală de Biologie  
Domeniul: Biologie  
Nume și prenume: Georgescu Sergiu Emil  
Grad didactic/științific: Conferențiar

## FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE CNATDCU

### CONDIȚII PRELIMINARE

- Minim 4 articole autor principal (prim autor, autor corespondent, ultim autor) in reviste cotate ISI, cu AIS cumulat mai mare sau egal cu 4, din care 2 articole cu AIS de cel puțin 0,3 in ultimii 5 ani.

<b>Nr. crt.</b>	<b>ARTICOLE</b>	<b>Anul</b>	<b>AIS</b>
<b>1</b>	Georgescu S.E., Manea M.A., Zăuleț M., Costache M. 2009. Genetic diversity among Romanian cattle breeds with a special focus on the Romanian Grey Steppe Breed. Romanian Biotechnological Letters, vol. 14(1), 4194-4200.	<b>2009</b>	<b>0,02</b>
<b>2</b>	Dudu A., Georgescu S.E.*, Dinischiotu A., Costache M. 2009. Four new polymorphisms of the mitochondrial gene cytochrome b in the beluga sturgeon (Huso huso) from the Black Sea. Romanian Biotechnological Letters, vol. 14(3), 4418-4422.	<b>2009</b>	<b>0,02</b>
<b>3</b>	Dudu A., Georgescu S.E.*, Popa O., Dinischiotu A. Costache M. 2011. Mitochondrial 16s and 12s rRNA sequence analysis in four salmonid species from Romania. Acta Zoologica Academiae Scientiarum Hungaricae, vol. 57(3), 233-246.	<b>2011</b>	<b>0,19</b>
<b>4</b>	Georgescu S.E., Manea M.A., Dudu A., Costache M. 2011. Phylogenetic relationships of the Hucul horse from Romania inferred from mitochondrial D-loop variation. Genetics and Molecular Research, vol. 10(4), 4104–4113.	<b>2011</b>	<b>0,30</b>
<b>5</b>	Georgescu S.E., Manea M.A., Dudu A., Costache M. 2012. Phylogenetic Relationships of the Mangalitsa Swine Breed	<b>2012</b>	<b>0,70</b>

	Inferred from Mitochondrial DNA Variation. International Journal of Molecular Sciences, vol. 13(7), 8467-8481.		
<b>6</b>	Georgescu S.E., Manea M.A., Dinescu S., Costache M. 2014. Comparative study of leptin and leptin receptor gene expression in different swine breeds. Genetics and Molecular Research, vol. 13(3), 7140-7148.	<b>2014</b>	<b>0,20</b>
<b>7</b>	Dudu A., Georgescu S.E.*, Costache M. 2014. Molecular analysis of phylogeographic subspecies in three Ponto-Caspian sturgeon species. Genetics and Molecular Biology, vol. 37(3), 587-597.	<b>2014</b>	<b>0,30</b>
<b>8</b>	Popa G.O., Curtean-Bănăduc A., Bănăduc D., Florescu I.E., Burcea A., Dudu A., Georgescu S.E.*, Costache M., 2016. Molecular Markers Reveal Reduced Genetic Diversity in Romanian Populations of Brown Trout, <i>Salmo trutta</i> L., 1758 (Salmonidae). Acta Zoologica Bulgarica, vol. 68(3), 399-406.	<b>2016</b>	<b>0,09</b>
<b>9</b>	Dudu A., Ghiță E., Costache M., Georgescu S.E., 2016. Origin and genetic diversity of Romanian Racka sheep using mitochondrial markers. Small Ruminant Research, vol 144, 276-282.	<b>2016</b>	<b>0,30</b>
<b>10</b>	Popa G.O., Dudu A., Bănăduc D., Curtean-Bănăduc A., Barbălată T., Burcea A., (Gune) Florescu I.E., Georgescu S.E.*, Costache M., 2017. Use of DNA barcoding in the assignment of commercially valuable fish species from Romania. Aquatic Living Resources, vol. 30, article ID 20, 1-12.	<b>2017</b>	<b>0,60</b>
<b>11</b>	Burcea A., Popa G.O., Florescu (Gune) I.E., Maoreanu M., Dudu A., Georgescu S.E.*, Costache M., 2018. Expression Characterization of Six Genes Possibly Involved in Gonad Development for Stellate Sturgeon Individuals ( <i>Acipenser stellatus</i> , Pallas 1771). International Journal of Genomics, vol. 2018, article ID 7835637, 1-10.	<b>2018</b>	<b>0,40</b>
<b>12</b>	Burcea A., Popa G.O., Florescu (Gune) I.E., Gharbia S., Gaina G., Dudu A., Maoreanu M., Hermenean A., Georgescu S.E.*, Costache M., 2018. Gene expression involved in the sexual development of Best Beluga hybrid sturgeons. Journal of Fish Biology, vol. 93(5), 1021-1026.	<b>2018</b>	<b>0,60</b>
<b>13</b>	Florescu (Gune) I.E., Burcea A., Popa G.O., Dudu A., Georgescu S.E.*, Balas M., Dinescu S., Voicu S., Grecu I., Dediu L., Dinischiotu A., Costache M., 2019. Effects of starvation and refeeding on growth performance and stress defense mechanisms of stellate sturgeon <i>Acipenser stellatus</i> juveniles from aquaculture, Acta Biochimica Polonica, vol. 66(1), 47-59.	<b>2019</b>	<b>0,40</b>
	<b>TOTAL AIS</b>	<b>4,12</b>	
	<b>TOTAL AIS ultimii 5 ANI</b>	<b>2,39</b>	

- 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.
1. CNMP 51-004 (2007-2010) Program integrat de supraveghere a sănătății și creșterea producției în fermele de vaci pentru lapte - Responsabil partener.
  2. PNCDI2-Parteneriate 52-124 (2008–2011) Tehnologie de ameliorare a stării de sănătate la ovine și caprine prin utilizarea markerilor genetici - Responsabil partener.
  3. PNCDI2-Parteneriate 52-167 (2008–2011) Evaluarea distribuției și caracterizarea variabilității genetice la salmonidele din România – Director de proiect.
  4. PN-III-P2-Parteneriate 53PTE/2016 (2016-2018) Tehnologie de selecție și ameliorare genetică în vederea creșterii profitabilității acvaculturii sturionilor - Responsabil partener.
  5. PN-III-P2-Parteneriate 16PED/2017 (2017-2018) Tehnologie de obtinere a unui stoc valoros de loșrita pentru creșterea în acvacultură și reintroducerea în mediul natural – Director de proiect.
  6. PN-III-P1-1.2 PCCDI8/2018 (2018-2020) De la nutriția clasică la nutriția de precizie în domeniul creșterii animalelor, bază științifică pentru asigurarea securității nutriționale a populației – Director de proiect.

Nr. Crt.	PARAMETRUL	Formule de calcul		
1.	<b>Articole în reviste cotate ISI, ca autor principal (prim autor, autor corespondent, ultim autor)</b>	<b><math>1 \times [4 + (7 \times AI_1) + c_1] + 1 \times [4 + (7 \times AI_2) + c_2] + \dots = 131,85</math></b>		
		AIS	Nr. citari (c)	Punctaj
	1. Georgescu S.E., Manea M.A., Costache M. 2008. The genetic structure of indigenous Romanian Hucul horse breed inferred from microsatellite data. Romanian Biotechnological Letters, vol. 13(6), 4030-4036.	0	<b>11 (Scopus)</b>	<b>15,00</b>

2. Georgescu S.E., Manea M.A., Zăuleț M., Costache M. 2009. Genetic diversity among Romanian cattle breeds with a special focus on the Romanian Grey Steppe Breed. Romanian Biotechnological Letters, vol. 14(1), 4194-4200.	0,02	<b>7 (Scopus)</b>	<b>11,14</b>
3. Dudu A., Georgescu S.E.*, Dinischiotu A., Costache M. 2009. Four new polymorphisms of the mitochondrial gene cytochrome b in the beluga sturgeon ( <i>Huso huso</i> ) from the Black Sea. Romanian Biotechnological Letters, vol. 14(3), 4418-4422.	0,02	<b>2 (Scopus)</b>	<b>6,14</b>
4. Dudu A., Georgescu S.E.*, Popa O., Dinischiotu A. Costache M. 2011. Mitochondrial 16s and 12s rRNA sequence analysis in four salmonid species from Romania. Acta Zoologica Academiae Scientiarum Hungaricae, vol. 57(3), 233-246.	0,19	<b>2 (Scopus)</b>	<b>7,33</b>
5. Georgescu S.E., Manea M.A., Dudu A., Costache M. 2011. Phylogenetic relationships of the Hucul horse from Romania inferred from mitochondrial D-loop variation. Genetics and Molecular Research, vol. 10(4), 4104–4113.	0,30	<b>11 (Scopus)</b>	<b>17,11</b>
6. Georgescu S.E., Manea M.A., Dudu A., Costache M. 2012. Phylogenetic Relationships of the Mangalitsa Swine Breed Inferred from Mitochondrial DNA Variation. International Journal of Molecular Sciences, vol. 13(7), 8467-8481 (AIS 0,70, 1 citari SCOPUS).	0,70	<b>1 (Scopus)</b>	<b>9,90</b>
7. Georgescu S.E., Manea M.A., Dinescu S., Costache M. 2014. Comparative study of leptin and leptin receptor gene expression in different swine breeds. Genetics and Molecular Research, vol. 13(3), 7140-7148.	0,20	<b>5 (Web of Science)</b>	<b>10,40</b>
8. Dudu A., Georgescu S.E.*, Costache M. 2014. Molecular analysis of phylogeographic subspecies in three Ponto-Caspian sturgeon species. Genetics and Molecular Biology, vol. 37(3), 587-597.	0,30	<b>1 (Scopus)</b>	<b>7,10</b>
9. Popa G.O., Curtean-Bănăduc A., Bănăduc D., Florescu I.E., Burcea A., Dudu A., Georgescu S.E.*, Costache M., 2016. Molecular Markers Reveal Reduced Genetic Diversity in Romanian Populations of Brown Trout, <i>Salmo trutta</i> L., 1758 (Salmonidae). Acta Zoologica Bulgarica, vol. 68(3), 399-406.	0,09	<b>2 (Scopus)</b>	<b>6,63</b>
10. Dudu A., Ghiță E., Costache M., Georgescu S.E., 2016. Origin and genetic diversity of Romanian Racka sheep using mitochondrial markers. Small Ruminant Research, vol 144, 276-282.	0,30	<b>0</b>	<b>6,10</b>
11. Popa G.O., Dudu A., Bănăduc D., Curtean-Bănăduc A., Barbălată T., Burcea A., (Gune) Florescu I.E., Georgescu S.E.*, Costache M., 2017. Use of DNA barcoding in the assignment of commercially	0,60	<b>1 (Scopus)</b>	<b>9,20</b>

	valuable fish species from Romania. Aquatic Living Resources, vol. 30, article ID 20, 1-12.			
	12. Burcea A., Popa G.O., Florescu (Gune) I.E., Maoreanu M., Dudu A., Georgescu S.E.*, Costache M., 2018. Expression Characterization of Six Genes Possibly Involved in Gonad Development for Stellate Sturgeon Individuals ( <i>Acipenser stellatus</i> , Pallas 1771). International Journal of Genomics, vol. 2018, article ID 7835637, 1-10.	0,40	<b>3 (Scopus)</b>	<b>9,80</b>
	13. Burcea A., Popa G.O., Florescu (Gune) I.E., Gharbia S., Gaina G., Dudu A., Maoreanu M., Hermenean A., Georgescu S.E.*, Costache M., 2018. Gene expression involved in the sexual development of Best Beluga hybrid sturgeons. Journal of Fish Biology, vol. 93(5), 1021-1026.	0,60	<b>1 (Scopus)</b>	<b>9,20</b>
	14. Florescu (Gune) I.E., Burcea A., Popa G.O., Dudu A., Georgescu S.E.*, Balas M., Dinescu S., Voicu S., Grecu I., Dediu L., Dinischiotu A., Costache M., 2019. Effects of starvation and refeeding on growth performance and stress defense mechanisms of stellate sturgeon <i>Acipenser stellatus</i> juveniles from aquaculture, Acta Biochimica Polonica, vol. 66(1), 47-59.	0,40	<b>0</b>	<b>6,80</b>
<b>2.</b>	<b>Articole în reviste cotate ISI, ca și contributor</b>	<b>0,7 x [4 + (7 x AI<sub>1</sub>) + c<sub>1</sub>] + 0,7 x [4 + (7 x AI<sub>2</sub>) + c<sub>2</sub>] +.....= 64,74</b>		
	1. Dudu A., Georgescu S.E., Suci R., Dinischiotu A., Costache M. 2008. Microsatellite DNA variation in the Black sea beluga sturgeon ( <i>Huso huso</i> ). Romanian Biotechnological Letters, vol. 13(3), 3779-3783.	0	<b>1 (Web of Science)</b>	<b>3,500</b>
	2. Manea M.A., Georgescu S.E., Kevorkian S., Costache M. 2009. Genetic diversity analyses of seven Romanian pig populations based on 10 microsatellites. Romanian Biotechnological Letters, vol. 14(6), 4827-4834.	0,02	<b>2 (Scopus)</b>	<b>4,298</b>
	3. Kevorkian S.E.M., Georgescu S.E., Manea M.A., Zaulet M., Hermenean A.O., Costache M. 2010. Genetic diversity using microsatellite markers in four Romanian autochthonous sheep breeds. Romanian Biotechnological Letters, vol. 15(1), 5059-5065.	0,03	<b>5 (Scopus)</b>	<b>6,447</b>
	4. Xuan T.P., Georgescu S.E., Manea M.A., Hermenean A.O., Costache M. 2010. Genetic diversity and phylogenetic relationships of Romanian cattle breeds inferred from cytochrome b gene partial sequences. Romanian Biotechnological Letters, vol. 15(2), 5154-5158.	0,03	<b>3 (Scopus)</b>	<b>5,047</b>
	5. Xuan T.P., Georgescu S.E., Manea M.A., Hermenean A.O., Costache M. 2010. Phylogenetic relationships of Romanian cattle to other cattle populations determined by using mitochondrial DNA D-	0,03	<b>2 (Scopus)</b>	<b>4,347</b>

	Loop sequence variation. Romanian Biotechnological Letters, vol. 15(3), 5287-5292.			
	6. Kevorkian S.E.M., Zăuleț M., Manea M.A., Georgescu S.E., Costache M. 2011. Analysis of the ORF region of the prion protein gene in the Botosani Karakul sheep breed from Romania. Turkish Journal of Veterinary & Animal Sciences, vol. 35(2), 105-109.	0,09	<b>1 (Scopus)</b>	<b>3,941</b>
	7. Dudu A., Suci R., Paraschiv M., Georgescu S.E., Costache M., Berrebi P. 2011. Nuclear Markers of Danube Sturgeons Hybridization. International Journal of Molecular Sciences, vol. 12(10), 6796-6809.	0,60	<b>20 (Scopus)</b>	<b>19,740</b>
	8. Dudu A., Georgescu S.E., Berrebi P., Costache M. 2012. Site heteroplasmy in the mitochondrial cytochrome b gene of the sterlet sturgeon <i>Acipenser ruthenus</i> . Genetics and Molecular Biology, vol. 35(4), 886-891.	0,20	<b>3 (Scopus)</b>	<b>5,880</b>
	9. Burcea A., Popa G.O., Florescu I.E., Dudu A., Georgescu S.E., Costache M. 2017. Genetic profile analysis of aquaculture Russian sturgeon ( <i>Acipenser gueldenstaedtii</i> ) – implications for restocking measures. Acta Zoologica Academiae Scientiarum Hungaricae, vol. 63(3), 361–376.	0,15	<b>0</b>	<b>3,530</b>
	10. Popa D.C., Dudu A., Georgescu S.E., Burcea A., Popa R.A., Vidu L., <i>IN PRESS</i> . Analysis of genetic diversity of Romanian buffalo – a preliminary study. Romanian Biotechnological Letters, DOI: 10.26327/RBL2018.143.	0,09	<b>0</b>	<b>3,240</b>
	11. Florescu I.E., Burcea A., Popa G.O., Dudu A., Georgescu S.E., Costache M., <i>IN PRESS</i> . Genetic diversity analysis of aquaculture strains of <i>Acipenser stellatus</i> (Pallas, 1771) using DNA markers. Iranian Journal of Fisheries Sciences, DOI: 10.22092/ijfs.2019.118179.	0,11	<b>0</b>	<b>4,770</b>
<b>3.</b>	<b>Articole publicate în reviste indexate BDI, ca autor principal</b>	<b>(1 + c<sub>1</sub>) + (1 + c<sub>2</sub>) + ..... = 33</b>		
	1. Georgescu S.E., Rebedea M., Condac E., Ionică E., Dinischiotu A., Costache M. 2004. Horse genotyping. Scientific Papers: Animal Science and Biotechnologies, vol. 37, 203-208.		<b>0</b>	<b>1</b>
	2. Georgescu S.E., Condac E., Rebedea M., Dinischiotu A., Tesio C.D., Costache M. 2005. Bovines genotyping. Scientific Papers: Animal Science and Biotechnologies, vol. 38, 763-768.		<b>0</b>	<b>1</b>
	3. Georgescu S.E., Condac E., Rebedea M., Tesio C., Dinischiotu A., Costache M. 2005. Arabian horses genotyping using 17 microsatellites. Archiva Zootechnica, vol. 8, 169-175.		<b>0</b>	<b>1</b>

4. Georgescu S.E., Condac E., Dinischiotu A., Costache M. 2006. Molecular basis and diagnostication of SCID in Arabian horses. Romanian Biotechnological Letters, vol. 11(5), 2875–2879.	<b>0</b>	<b>1</b>
5. Georgescu S.E., Manea M.A., Kevorkian S., Rebedea M., Dinischiotu A., Tesio C.D., Costache M. 2006. Genetic characterization of Romanian Sport Horse breed using 17 microsatellites. Scientific Papers: Animal Science and Biotechnologies, vol. 39, 53–58.	<b>0</b>	<b>1</b>
6. Işfan N., Drăgătoiu T., Şonea C., Georgescu S.E. 2006. Corelation of aggregate PaTfAm with several performances of production at a sample of a pig population from the synthetic line 345. Scientific Papers. Series D. Animal Science, vol. XLIX , 77-82.	<b>0</b>	<b>1</b>
7. Georgescu S.E., Manea A., Dinischiotu A., Tesio C.D., Costache M. 2007. Diagnostication of hyperkalemic periodic paralysis in horses. Scientific Papers: Animal Science and Biotechnologies, vol. 40(1), 96-100.	<b>0</b>	<b>1</b>
8. Georgescu S.E., Toană A., Dinischiotu A., Costache M. 2007. A new PCR-RFLP method for analyzing the Cream locus involved in the coat colour of horses. Archiva Zootechnica, vol. 10, 115-118.	<b>0</b>	<b>1</b>
9. Georgescu S.E., Vătăşescu-Balcan R.A., Rebedea M., Dinischiotu A., Costache M. 2007. Molecular genetics approaches in farm animals in Romania. Biotechnology in Animal Husbandry, vol. 23(5-6), 11-18.	<b>0</b>	<b>1</b>
10. Georgescu S., Manea M., Dinischiotu A., Tesio C., Costache M. 2008. A method for Junctional Epidermolysis Bullosa Diagnostication in draft horses. Biotechnology in Animal Husbandry, vol. 24(1-2), 127–132.	<b>0</b>	<b>1</b>
11. Georgescu S.E., Manea M.A., Kevorkian S., Zăuleţ M., Costache M. 2008. Incidence of Junctional epidermolysis bullosa among Romanian Draft Horses. Scientific Papers: Animal Science and Biotechnologies, vol. 41(1), 83–86.	<b>0</b>	<b>1</b>
12. Işfan N., Drăgătoiu T., Popa A.R, Georgescu S.E. 2008. The combined genotype PaTfAm Within a stock of Swine, Landrace Breed. Scientific Papers. Series D. Animal Science, vol. LI, 53-58.	<b>0</b>	<b>1</b>
13. Georgescu S.E., Manea M.A., Kevorkian S., Dinischiotu A., Costache M. 2009. A new PCR-RFLP method for analyzing the Extension locus involved in the coat colour of horses. Lucrări ştiinţifice Seria Medicină veterinară, vol. 52(11), 106-108.	<b>0</b>	<b>1</b>

14. Kevorkian S.E.M., Manea M.A., Gavrița M.G., Rebedea M., Georgescu S.E.*, Costache M. 2009. Sequencing of exon three of $\alpha$ s1-casein sheep and goat gene. <i>Archiva Zootechnica</i> , vol. 12(3), 87-92.	0	1
15. Georgescu S.E., Manea M.A., Kevorkian S., Costache M. 2010. A new method for analyzing the Agouti locus involved in the coat colour of horses. <i>Lucrări științifice Seria Medicină veterinară</i> , vol. 53(12), 246–248.	0	1
16. Georgescu S.E., Hrință G., Rebedea M., Costache M. 2011. Investigation of FecB Mutation in Four Romanian Sheep Breeds. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 44(1), 219–222.	0	1
17. Georgescu S.E., Ișfan N., Kevorkian S.E.M., Rebedea M., Costache M. 2011. The correlation of production characteristics with the genetic variants of the encoding locus of $\beta$ -lactoglobulin in three sheep breeds from Romania. <i>Archiva Zootechnica</i> , vol. 14(1), 41–49.	0	1
18. Georgescu S.E., Hrință G., Costache M. 2011. Investigation of FecXI mutation in three Romanian sheep breeds. <i>Lucrări științifice Seria Medicină veterinară</i> , vol. 54(13), 220–223.	0	1
19. Georgescu S.E., Canareica O., Popa G.O., Dudu A., Costache M. 2013. Characterization of five microsatellites in the Siberian sturgeon <i>Acipenser baerii</i> from aquaculture. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 46(1), 95-98.	0	1
20. Lăpuște T., Grosu H., Popa R., Popa D., Dronca D., Georgescu S. 2013. Researches concerning the situation of reproductive isolation and relatedness with immigrants of Furioso North Star population from Beclean pe Somes Stud Farm. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 46(1), 109-112.	0	1
21. Lăpuște T., Grosu H., Popa R., Popa Dana, Georgescu S. 2013. Researches concerning the average relatedness of Furioso North Star population from Beclean pe Somes Stud farm. <i>Lucrări științifice Seria Zootehnie</i> , vol.59(18), 26–30.	0	1
22. Lăpuște T., Grosu H., Popa R., Popa D., Georgescu S. 2013. Researches concerning the reproduction structure of Furioso North Star population from Beclean pe Somes Stud farm. <i>Lucrări științifice Seria Zootehnie</i> , vol. 60(18), 13–17.	0	1
23. Georgescu S.E., Canareica O., Dudu A., Costache M. 2013. Analysis of the microsatellite variation in the	0	1



common hybrid between Russian sturgeon ( <i>Acipenser gueldenstaedtii</i> ) and Siberian sturgeon ( <i>Acipenser baerii</i> ) from aquaculture. <i>Transylvanian Review of Systematical and Ecological Research</i> , vol. 15(2), 117-124.		
24. Georgescu S.E., Burcea A., Florescu I., Popa G.O., Dudu A., Costache M. 2014. Microsatellite variation in Russian sturgeon ( <i>Acipenser gueldenstaedtii</i> ) from aquaculture. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 47(1), 73-76.	0	1
25. Dudu A., Macarie R.D., Burcea A., Georgescu S.E.*, Costache M. 2015. Identification of Bester hybrid and its parental species ( <i>Huso huso</i> , Linnaeus, 1758 and <i>Acipenser ruthenus</i> , Linnaeus, 1758) by nuclear markers. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 48(1), 81-85.	0	1
26. Khalaf M., Popa G.O., Dudu A., Georgescu S.E.*, Bănăduc D., Costache M. 2015. Microsatellites variation in two different populations of Brown trout ( <i>Salmo trutta</i> , morpho <i>fario</i> , Linnaeus, 1758) from Făgăraș Mountains. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 48(1), 86-89.	0	1
27. Georgescu S.E., Ene A., Dudu A., Ghiță E., Costache M., 2016. Genetic polymorphisms of $\beta$ -lactoglobulin and $\alpha$ -s1-casein genes in Romanian Racka sheep. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol 49(1), 50-53.	0	1
28. Hrinca Gh., Georgescu S.E., 2017. Selection Role on Configuration of Resistance or Susceptibility Degree to Scrapie and on Genetic Diversity at PrP Locus in the Botosani Karakul Sheep Breed. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 50(1), 61-68.	0	1
29. Nechifor R., Popa G.O., Samu M., Dudu A., Bănăduc D., Costache M., Georgescu S.E., 2017. The Genetic Profiles of two Salmonid Populations from Romania Obtained through Nuclear Markers Analysis. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 50(1), 74-78.	0	1
30. Popa G.O., Dudu A., Popa L.O., Maoreanu M., Costache M., Georgescu S.E., 2017. DNA-Based Methods for the Identification of Huchen ( <i>Hucho hucho</i> , Linnaeus, 1758). <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 50(1), 90-94.	0	1
31. Popa G.O., Samu M., Nechifor R., Dudu A., Georgescu S.E., 2018. RP1S7 – A Possible Marker for Sturgeon	0	1

	Hybrids Identification. Scientific Papers: Animal Science and Biotechnologies, vol. 51(1), 102-105.		
	32. Burcea A., Florescu (Gune) I.E., Popa G.O., Maoreanu M., Dudu A., Costache M., Georgescu S.E., 2018. Dmrt1 and Cyp17a1 Protein Detection and Relative Quantification in Best Beluga Hybrid Sturgeon Gonads. Scientific Papers: Animal Science and Biotechnologies, vol. 51(1), 78-81.	0	1
	33. Popa G.O., Nechifor R., Burcea A., Samu M., Dudu A., Costache M., Maoreanu M., Georgescu S.E., 2018. SaMSTNb23 and SaMSTNb33: emerging markers for growth traits in hucho (Hucho hucho, Linnaeus, 1758). Scientific Papers: Animal Science and Biotechnologies, vol. 51(2), 61-65.	0	1
<b>4.</b>	<b>Articole publicate în reviste indexate BDI, ca ca și contributor</b>	<b>0,7 x [(1 + c1) + (1 + c2)] = 28</b>	
	1. Condac E., Georgescu S.E., Dinischiotu A., Iordăchescu D., Costache M. 2004. A non-radioactiv FPLC method for measuring steroid 5alfa-reductase activity in cultured cells. Romanian Biotechnological Letters, vol. 9(1), 1517-1522.	0	0,7
	2. Rebedea M., Cureu I., Ghiță E., Georgescu S.E., Ionică E., Costache M. 2004. Use of biochemical markers in paternity assement in horses. Scientific Papers: Animal Science and Biotechnologies, vol. 37, 209-212.	0	0,7
	3. Rebedea M., Ghiță E., Colceri D., Georgescu S.E., Costache M. 2005. Study of the genetic polymorphism of some blood proteins in Romanian Black Spotted cattle. Archiva Zootechnica, vol. 8, 176-182.	0	0,7
	4. Rebedea M., Ghiță E., Georgescu S.E., Vătășescu-Balcan R., Costache M. 2006. Study of biochemical markers in a population of Romanian Spotted cattle. Archiva Zootechnica, vol. 9, 147-152.	0	0,7
	5. Vătășescu-Balcan R., Georgescu S.E., Manea M.A., Rebedea M., Dinischiotu A., Costache M. 2006. Incidence of BLAD and DUMPS carriers in Romanian cattle breeds. Romanian Biotechnological Letters, vol. 11(5), 2881–2884.	0	0,7
	6. Vătășescu R., Georgescu S.E., Kevorkian S., Manea M.A., Rebedea M., Dinischiotu A., Tesio C.D., Costache M. 2006. Citrullinemia diagnostication on cattle breed. Scientific Papers: Animal Science and Biotechnologies, vol. 39(1), 127–130.	0	0,7
	7. Vătășescu-Balcan R.A., Georgescu S.E., Manea M.A., Dinischiotu A., Tesio C.D., Costache M. 2006. A method for diagnosis of deficiency uridine monophosphate synthase in cattle. Romanian Journal of Biochemistry, vol. 43-44,	0	0,7

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9. Rebedea M., Ghiţă E., Vătăşescu-Balcan R., Georgescu S.E., Manea M.A., Costache M. 2007. Genetic characterization of Romanian cattle breeds using biochemical markers. Scientific Papers: Animal Science and Biotechnologies, vol. 40(1), 164–171.	0	0,7
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11. Vătăşescu-Balcan R.A., Manea M.A., Georgescu S.E., Dinischiotu A., Tesio C.D., Costache M. 2007. Evidence of single point mutation inducing BLAD disease in Romanian Holstein-derived cattle breed. Biotechnology in Animal Husbandry, vol. 23(5-6), 375–382.	0	0,7
12. Zăuleţ M., Georgescu S.E., Coste H. 2007. Differentiation of highly pathogenic strains H5N1 of AIV by Real-Time PCR in the first outbreak in Romania. Biotechnology in Animal Husbandry, vol. 23(5-6), 411–420.	0	0,7
13. Dudu A., Georgescu S.E., Luca C., Suci R., Costache M. 2008. Microsatellite DNA variation in the Black sea stellate sturgeon, <i>Acipenser stellatus</i> . Scientific Papers: Animal Science and Biotechnologies, vol. 41(1), 78–82.	0	0,7
14. Kevorkian S., Manea M.A., Georgescu S.E., Dinischiotu A., Costache M. 2008. Genotyping of $\beta$ -lactoglobulin gene in Karakul sheep breed. Scientific Papers: Animal Science and Biotechnologies, vol. 41(1), 112-116.	0	0,7
15. Manea M.A., Kevorkian S., Georgescu S.E., Dinischiotu A., Costache M. 2008. Diagnostication of Malignant hyperthermia in swine. Scientific Papers: Animal Science and Biotechnologies, vol. 41(1), 117 -121.	0	0,7
16. Vătăşescu-Balcan R.A., Georgescu S.E., Manea M.A., Dinischiotu A., Tesio C.D., Costache M. 2008. Alpha-lactalbumin genotypes identification in Romanian Black Spotted cattle breed. Scientific Papers: Animal Science and Biotechnologies, vol. 41(1), 169 -173.	0	0,7

17. Kevorkian S., Manea M.A., Georgescu S.E., Dinischiotu A., Costache M. 2008. Genotyping of $\alpha$ S1-casein gene in Karakul sheep breed. <i>Lucrări științifice Seria Medicină veterinară</i> , vol. 51(10), 79-81.	<b>0</b>	<b>0,7</b>
18. Manea M.A., Kevorkian S., Georgescu S.E., Dinischiotu A., Costache M. 2008. The A-1 fucosyltransferase gene polymorphism in correlation with the susceptibility of swine to <i>Escherichia coli</i> infection. <i>Lucrări științifice Seria Medicină veterinară</i> , vol. 51(10), 93-95.	<b>0</b>	<b>0,7</b>
19. Vătășescu-Balcan R.A., Georgescu S.E., Manea M.A., Dinischiotu A., Tesio C.D., Costache M. 2008. Romanian Dairy Cattle Genotypes. <i>Lucrări științifice Seria Medicină veterinară</i> , vol. 51(10), 1007-1009.	<b>0</b>	<b>0,7</b>
20. Toană A., Luca C., Georgescu S.E., Suci R., Costache M. 2008. Characterization of seven microsatellites in the Black Sea sturgeon ( <i>Huso huso</i> ). <i>Scientific Annals of the Danube Delta Institute</i> , vol.14, 75-78.	<b>0</b>	<b>0,7</b>
21. Kevorkian S.E.M., Manea M.A., Georgescu S.E., Zăuleț M., Dinischiotu A., Costache M. 2009. Individual identification in Romanian sheep breeds using microsatellite markers. <i>Lucrări științifice Seria Medicină veterinară</i> , vol. 52(11), 131-135.	<b>0</b>	<b>0,7</b>
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23. Manea M.A., Georgescu S.E., Dinescu S., Kevorkian S., Costache M. 2009. Microsatellites variations in Romanian Mangalitsa and Large White swine populations. <i>Archiva Zootechnica</i> , vol. 12(4), 102–107.	<b>0</b>	<b>0,7</b>
24. Dudu A., Georgescu S.E., Dinischiotu A., Costache M. 2010. PCR-RFLP method to identify fish species of economic importance. <i>Archiva Zootehnica</i> , vol. 13(1), 53-59.	<b>0</b>	<b>0,7</b>
25. Kevorkian S.E.M., Georgescu S.E., Manea M.A., Gavrilă M.G., Hrinică G., Costache M. 2010. The Spider lamb syndrome absence in five Romanian sheep breeds. <i>Lucrări științifice Seria Medicină veterinară</i> , vol. 53(12), 254–258.	<b>0</b>	<b>0,7</b>
26. Manea M.A., Georgescu S.E., Kevorkian S., Dinescu S., Costache M. 2010. Genotyping estrogen receptor polymorphism in pigs, using the PCR-RFLP method. <i>Lucrări științifice Seria Medicină veterinară</i> , vol. 53(12), 103–	<b>0</b>	<b>0,7</b>

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27. Dudu A., Popa O., Georgescu S.E., Dinischiotu A., Costache M. 2010. Molecular analysis of Romanian salmonid species based on 16S rRNA and 12S rRNA sequences. <i>Archiva Zootehnica</i> , vol. 13(3), 30-40.	0	0,7
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29. Işfan N., Băcilă V., Popa D., Georgescu S., Popa R., Marin M., Nicolae C., Maftai M. 2011. Genetic Investigations Using Immuno-biochemical Markers in a Maramureş Brown Cattle Population. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 44(1), 243–246.	0	0,7
30. Işfan N., Popa D., Colceri D., Georgescu S., Popa R., Pirvulet C., Nicolae C., Maftai M. 2011. Study on Correlation between Hb and Tf Locus Genotypes and Some Milk Yield Traits within a Gray Steppe Cattle Population. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 44(1), 247–250.	0	0,7
31. Işfan N., Georgescu S.E., Rebedea M., Nicolae I., Marin M., Costache M., Popa D. 2012. Analyses of genetic markers in Romanian Black Spotted cattle breed. <i>Lucrări științifice Seria Zootehnie</i> , vol. 58(17), 326–330.	0	0,7
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34. Burcea A., Florescu I.E., Dudu A., Georgescu S.E., Costache M. 2014. Molecular methods for detection of natural hybrids in sturgeon population. <i>Transylvanian Review of Systematical and Ecological Research</i> , vol. 16(1), 65-72.	0	0,7
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	36. Khalaf M., Popa G.O., Georgescu S.E., Dudu A., Costache M. 2014. Phylogeny of Salmonidae family inferred from D-loop mitochondrial marker. <i>Scientific Papers: Animal Science and Biotechnologies</i> , vol. 47(1), 77-81.	0	0,7
	37. Hrință Gh., Georgescu S.E., Vicovan G., Nechifor I. 2014. Genetic and pathological aspects of Prion protein (PrP) in sheep belonging to Botosani Karakul breed. <i>AgroLife Scientific Journal</i> , vol. 3(1), 69-74.	0	0,7
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5.	Cărți în edituri internaționale de prestigiu	<b>(100 + c) : n =</b>	
		<b>Nr. citari (c)</b>	<b>n – numar de autori</b>
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	1. Implementarea sistemului calității pentru analiza markerilor moleculari la bovine și cabaline prin identificare de microsateți, M. Zăuleț, S. Georgescu, R.A. Vătășescu-Balcan, M. Costache, 2008, Editura Ars Docendi, București, România, ISBN 978-973-558-354-5.	<b>0</b>	<b>4</b>	<b>5</b>
	2. Lucrări practice – Biochimia acizilor nucleici și biologie moleculară, S.E. Georgescu, M. Costache, 2010, Editura Universității din București, ISBN 978-973-737-770-8.	<b>0</b>	<b>2</b>	<b>10</b>
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	4. Tehnici de biologie moleculară - principii și aplicații practice, S.E. Georgescu, A. Dudu, M. Costache, 2016, Editura Universității din București, București, România, ISBN 978-606-16-0729.	<b>0</b>	<b>3</b>	<b>6,666</b>
	5. Lostrița, somonul Dunării – acvacultură și conservare, S.E. Georgescu, A. Dudu, M. Maereanu, 2018, Editura Universității din București, București, România, ISBN 978-606-16-0968-0.	<b>0</b>	<b>3</b>	<b>6,666</b>
<b>9. Cărți în alte edituri din țară</b>	<b>(20 + c) : n =</b>			
		<b>Nr. citari (c)</b>	<b>n – numar de autori</b>	<b>punctaj</b>
	1.			
	2.			
<b>10. Capitle în volume la edituri internaționale de prestigiu</b>	<b>(50 + c) : n =</b>			
		<b>Nr. citari (c)</b>	<b>n – numar de autori</b>	<b>punctaj</b>
	1.			
	2.			
<b>11. Capitle în volume la alte edituri internaționale</b>	<b>(20 + c) : n = 23,33</b>			

		Nr. citari (c)	n – numar de autori	punctaj
	1.Genetic Characterization of Romanian Local Breeds Using Microsatellite Markers, Georgescu S.E., Costache M., p. 27-44, In „Analysis of Genetic Variation in Animals”, Editura InTech, Rijeka, Croatia, 2012, ISBN 978-953-51-0093-5.	0	2	10
	2. Low Danube Sturgeon Identification Using DNA Markers, Costache M., Dudu A., Georgescu S.E., p. 243-268, In „Analysis of Genetic Variation in Animals”, Editura InTech, Rijeka, Croatia, 2012, ISBN 978-953-51-0093-5.	0	3	6,666
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<b>12. Capitle în cărți/volume la edituri naționale</b>		<b>(10 + c) : n = 9,99</b>		
		Nr. citari (c)	n – numar de autori	punctaj
	1. Biologia și genetica sturionilor, A. Dudu, M. Maereanu, S.E. Georgescu, p. 11-68, În “Biologia și genetica sturionilor de Dunăre: aplicații în acvacultură și conservare”, Editura Universității din București, București, România, 2017, ISBN 978-606-16-0857-7.	0	3	3,33
	2. Filogenia și istoria evolutivă a sturionilor, A. Dudu, M. Costache, S.E. Georgescu, p. 69-92, În “Biologia și genetica sturionilor de Dunăre: aplicații în acvacultură și conservare”, Editura Universității din București, București, România, 2017, ISBN 978-606-16-0857-7.	0	3	3,33
	3. Analize moleculare la speciile de sturioni din Dunăre, A. Dudu, M. Costache, S.E. Georgescu, p. 93-156, În “Biologia și genetica sturionilor de Dunăre: aplicații în acvacultură și conservare”, Editura Universității din București, București, România, 2017, ISBN 978-606-16-0857-7.	0	3	3,33
<b>13. Editor/redactor/coordonator cărți în edituri internaționale de prestigiu</b>		<b>(50 + c) : n =</b>		
		Nr. citari (c)	n – numar de autori	punctaj
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	2.			
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			<b>autori</b>	
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	2.			
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	1.			
	2.			

<b>Parametrul</b>	<b>Standarde minimale CNATDCU</b>	<b>Punctaj obținut</b>	<b>Îndeplinirea standardului</b>
Punctaj cumulativ 1-2 - Recunoaștere internațională	<b>150</b>	<b>196,59</b>	<b>Îndeplinit</b>
Punctaj cumulativ indici 1-15 – Performanță totală	<b>250</b>	<b>322,57</b>	<b>Îndeplinit</b>

Data  
20.03.2019

Nume, prenume  
GEORGESCU SERGIU EMIL