

**СПРАВКА ЗА СЪБРАНИТЕ ТОЧКИ ВЪВ ВРЪЗКА С УЧАСТИЕТО В
КОНКУРСА ЗА ЗАЕМАНЕ НА АКАДЕМИЧНАТА ДЛЪЖНОСТ „ДОЦЕНТ“**

По професионално направление 4.3. Биологически науки, научна специалност
"Физиология на животните и човека".

на гл. ас. д-р **Мадлена Нанева Андреева**,

Институт по невробиология – БАН,

Научно направление „Биологични ефекти на природни и
синтетични вещества”

**Област 4. Природни науки, математика и информатика. Професионално
направление 4.3. Биологически науки**

Таблица 1. Минимални изисквани точки по групи показатели за различните научни степени и академични длъжности

Група показатели	Съдържание	Минимални изисквания за „Доцент“ към ИНБ-БАН	Брой точки за конкурса
А	Показател 1	50	50
Б	Показател 2	-	-
В	Показатели 3 или 4	100	100
Г	Сума от показателите от 5 до 10	220	313
Д	Сума от точките в показатели 11	60	76
Е	Сума от показателите от 12 до края	-	

Таблица 2. Брой точки по показатели (Област 4. Природни науки, математика и информатика – Професионални направления 4.1. Физически науки, 4.2. Химически науки, 4.3. Биологически науки)

Група от показатели	Показател	Брой точки	Събра ни точки
А	1. Дисертационен труд за присъждане на образователна и научна степен „доктор“ Дисертационен труд за ОНС „Доктор“ на тема: „ИЗСЛЕДВАНЕ ВЛИЯНИЕТО НА ПОРОДНИТЕ ОСОБЕНОСТИ ПРИ ОВЦЕ ВЪРХУ КРИОТОЛЕРАНТНОСТТА НА СПЕРМАТОЗОИДИТЕ“, 2016г.	50	50
Б	2. Дисертационен труд за присъждане на научна степен „доктор на науките“		
В	3. Хабилизационен труд – монография, или 4. Хабилизационен труд – научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus) 3.Хабилизационен труд – монография: Андреева, М. БИОМАРКЕРИ НА ОКСИДАТИВЕН СТРЕС ПРИ МЪЖЕ С РЕПРОДУКТИВНИ ПРОБЛЕМИ: КЛИНИЧНИ ПРОУЧВАНИЯ И БЪДЕЩИ ПЕРСПЕКТИВИ , Интел Ентранс, 2025, ISBN 987-619-7703-95-5	100 за монография 25 за публ. в Q1 20 за публ. в Q2 15 за публ. в Q3 12 за публ. в Q4 10 за публ. в издание със SJR без IF	100
Г	5. Публикувана монография, която не е представена като основен хабилизационен труд	30	-
	6. Публикувана книга на базата на защитен дисертационен труд за присъждане на образователна и научна степен „доктор“ или за присъждане на научна степен „доктор на науките“ Публикувана книга на база защитен дисертационен труд за присъждане на образователна и научна степен „доктор“: Андреева, М. ИЗСЛЕДВАНЕ ВЛИЯНИЕТО НА ПОРОДНИТЕ ОСОБЕНОСТИ ПРИ ОВЦЕ ВЪРХУ КРИОТОЛЕРАНТНОСТТА НА СПЕРМАТОЗОИДИТЕ , Интел Ентранс, 2025, ISBN: 978-619-7703-88-7	20	20

	7. Научна публикация в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus), извън хабилитационния труд 1. Alexandrova A., Mihova S., Tsvetanova E., Andreeva M., Pramatarov G., Petrov G., Chipev N., Doncheva V., Stefanova K., Grandova M., Stamatova H., Hineva E., Dimitrov D., Raykov V., Ivanova P., 2025. Microplastic Bioaccumulation and Oxidative Stress in Key Species of the Bulgarian Black Sea: Ecosystem Risk Early Warning. <i>Microplastics</i>, 4(3):50, JCR-IF (Web of Science):5.2, Q1 https://doi.org/10.3390/microplastics4030050 2. Pramatarov G., Tsvetanova E., Ilinkin V., Andreeva M., Alexandrova A., Chipev N., 2025. Effects of Microplastics and Metal Pollution on Bivalves from the Bulgarian Black Sea Sublittoral and their Adaptive Capacity. <i>Acta Zoologica Bulgarica</i>, 77, 1, 107–119. SJR (Scopus): 0.216, JCR-IF (Web of Science): 0.5, Q3, https://doi.org/10.71424/azb77.1.002837 3. Alexandrova, A., Tsvetanova, E., Georgieva, A., Andreeva, M., Pramatarov, G., Kanzova, H., Petrov, G., Chipev, N., 2024. Redox Status as a Health Indicator of Economically Important Fish from the Northern Shelf of the Bulgarian Black Sea. <i>Acta Zoologica Bulgarica</i>, 20, 15–25. . SJR (Scopus):0.22, JCR-IF (Web of Science): 0.5, Q3, https://www.acta-zoologica-bulgarica.eu/2024/Suppl_20_03 4. Andreeva, M., Petrov L., Tsvetanova E., Pramatarov G., Petrov G., Alexandrova A., 2024. A Pilot Study of the Effect of Polystyrene Microplastics on Oxidative Status in Mice.	25 за публ. в Q1; 20 за публ. в Q2; 15 за публ. в Q3; 12 за публ. в Q4; 10 за публ. в издание със SJR без IF	Q1=25т Q3=15т Q3=15т Q4=12т
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	<i>Tradition and Modernity in Veterinary Medicine</i>, 9 (2), 57–63. . SJR (Scopus):0.11, Q4, https://doi.org/10.5281/zenodo.14278519		
5.	Chipev N., Kenderov L., Kenderov M., Tsvetanova E., Georgieva A., Andreeva M., Pramatarov G., Petrov G., Alexandrova A., 2024. Adaptive Responses of Key Species from Sozopol Bay to Multiple Environmental Stressors as Indicators of the Ecological State of Habitats. <i>Acta Zoologica Bulgarica</i>, 20, 127–135, . SJR (Scopus):0.22, JCR-IF (Web of Science): 0.5, Q3 https://www.acta-zoologica-bulgarica.eu/2024/Suppl_20_16		Q3=15r .
6.	Tsvetanova E., Alexandrova A., Georgieva A., Andreeva M., Chipev N., 2024. Assessment of Seasonal Changes of the Oxidative Status of Red Mullet <i>Mullus barbatus</i> L. (Actinopterygii: Mullidae) from the Bulgarian Black Sea Coastal Area. <i>Acta Zoologica Bulgarica</i>, 76, 2, 235-239. SJR (Scopus):0.22, JCR-IF (Web of Science):0.5, Q3, https://www.acta-zoologica-bulgarica.eu/2024/002780		Q3=15r .
7.	Andreeva M., Metodiev N., Stefanov R., Tsvetanova E., Alexandrova A., 2023. Evaluation of the cryotolerance of spermatozoa in Sofia (Elin-Pelin) sheep breed. <i>Tradition and Modernity in Veterinary Medicine</i>, 8, 1(14), 11-16, SJR (Scopus):0.11, Q4, https://zenodo.org/records/8174279		Q4=12r .
8.	Petrov L., Stoilova O., Pramatarov G., Kanzova H., Tsvetanova E., Andreeva M., Georgieva A., Atanasova D., Philipov S., Alexandrova A., 2023. Effect of Chitosan-Diosgenin Combination on Wound Healing. <i>International Journal of Molecular Sciences</i>, 24(5):5049, JCR-IF (Web of Science):6.208, Q1, https://doi.org/10.3390/ijms24055049		Q1=25r .
9.	Gerzilov V., Andreeva M., Tsvetanova E., Georgieva A., Alexandrova A., 2023. Improvement of diluted semen from Muscovy (<i>Cairina moschata</i>) drakes by the addition of water-soluble antioxidants. <i>Reproduction in Domestic</i>		Q2=20r .

	<i>Animals</i>, 58(12):1702-1711, JCR-IF (Web of Science):1.7, Q2, https://pubmed.ncbi.nlm.nih.gov/37818658/		
	10. Zlateva I, Raykov V, Alexandrova A, Ivanova P, Chipev N, Stefanova K, Dzhembekova N, Doncheva V, Slabakova V, Stefanova E, Mihova S, Valcheva N, Hristova O, Dzhurova B, Dimitrov D, Georgieva A, Tsvetanova E, Andreeva M, Popov I, Yankova M, Raev Y, Petrov K, 2023. Effects of anthropogenic and environmental stressors on the current status of red mullet (<i>Mullus barbatus</i> L., 1758) populations inhabiting the Bulgarian Black Sea waters. <i>Nature Conservation</i>, 54: 55-79, JCR-IF (Web of Science):1.7, Q2, https://doi.org/10.3897/natureconservation.54.103758		Q2=20τ
	11. Andreeva M., Karadjova V., Stefanov R., 2022. Investigation of the effect of ultra-low temperatures in cryopreservation on the activity of the enzymes lactate dehydrogenase and gamma-glutamyl transferase. <i>Journal of Chemical Technology and Metallurgy</i>, 57(2)298-301, SJR (Scopus):0.25, Q3, https://journal.uctm.edu/node/j2022-2/12_21-89_No2_298-301.pdf		Q3=15τ
	12. Chochkova, M., Georgieva, A., Ilieva, Tsv., Andreeva, M., Pramatarov, G., Petek, N., Petrova, P., Štícha, M., Mitrev, Y., Svete, J., 2022. Hybridization of Aminoadamantanes with Cinnamic Acid Analogues and Elucidation of Their Antioxidant Profile. <i>Journal of Chemistry, Hindawi</i>, Article ID 7582587, 1-11. SJR (Scopus):0.46, JCR-IF (Web of Science):3.241, Q2, https://doi.org/10.1155/2022/7582587		Q2=20τ
	13. Gerzilov V., Alexandrova A., Petrov P., Boncheva V., Keranova N., Andreeva M., Georgieva, Tzvetanova E., 2022. Changes in the Oxidative Status of Dual-Purpose Hens Rearing in the Free-Range System during Cold, Thermoneutral and Hot Period. <i>Animals</i>, 12(19):2650, SJR (Scopus):0.61, JCR-IF (Web of Science):3.231, Q1, https://doi.org/10.3390/ani12192650		Q1=25τ

	14. Gerzilov V., Alexandrova A., Andreeva M., Tsvetanova E., Georgieva A., Petrov P., Stefanov R., 2022. Effect of prooxidants and chelator Desferal on the oxidative status and sperm motility of Muscovy semen. <i>Toxicology reports</i>, 9, 276-283, SJR (Scopus):0.81, Q2, https://doi.org/10.1016/j.toxrep.2022.02.006 15. Andreeva M., Alexandrova A., Tsvetanova E., Metodiev N., Stefanov R., 2021. Effect of the breed on the activity of the antioxidant enzymes – SOD and CAT in ram sperm, before and after cryopreservstion. <i>Tradition and Modernity in Veterinary Medicine</i>, 6, 2,(11), 28-33, SJR (Scopus):0.16, Q4, https://scij-tmvm.com/vol./vol.6/2/vol-6-2_2021-28-33.pdf 16. Blagova, H., Andreeva, M., Stefanov, R., 2021. The effects of the degree of dilution on the motility and velocity parameters of sperm in rams. <i>Tradition and Modernity in Veterinary Medicine</i>, 6, 2(11), 117-120. SJR (Scopus):0.16, Q4, https://scij-tmvm.com/vol./vol.6/2/vol-6-2_2021-117-120.pdf 17. Gerzilov V., Andreeva M., 2021. Effect of three extenders on the motility and morphological characteristics of spermatozoa in diluted Muscovy semen stored at 4°C up to 120 hours. <i>Bulgarian Journal of Agricultural Science</i>, 27, 6, 1187-1193, SJR (Scopus):0.25, Q3, https://journal.agrojournal.org/page/en/details.php?article_id=3661		Q2=20т . Q4=12т . Q4=12т . Q3=15т .
	8. Публикувана глава от книга или колективна монография	15	-
	9. Изобретение, патент или полезен модел, за което е издаден защитен документ по надлежния ред	25	-
	10. Публикувана заявка за патент или полезен модел	15	-

Д	11. Цитирания в научни издания, монографии, колективни томове и патенти, реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)	2	
Статия:	Andreeva M. , Metodiev N., Stefanov R., Tsvetanova E., Alexandrova A., 2023. Evaluation of the cryotolerance of spermatozoa in Sofia (Elin-Pelin) sheep breed. <i>Tradition and Modernity in Veterinary Medicine</i> , 8, 1(14), 11-16, SJR (Scopus):0.11, Q4 , https://zenodo.org/records/8174279		
Цитирана от:	1. Georgieva, Ts., Hristov, K. Antioxidant Capacity of Extracts from Bulgarian Medicinal Plants. <i>Tradition and Modernity in Veterinary Medicine</i> , 8,2 (15):26-33, 2023, Q4 , https://zenodo.org/records/10338390		2
Статия:	Petrov L., Stoilova O., Pramatarov G., Kanzova H., Tsvetanova E., Andreeva M., Georgieva A., Atanasova D., Philipov S., Alexandrova A., 2023. Effect of Chitosan-Diosgenin Combination on Wound Healing. <i>International Journal of Molecular Sciences</i> , 24(5):5049, JCR-IF (Web of Science):6.208, Q1 , https://doi.org/10.3390/ijms24055049		
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	2. Villani, S., Calcagnile, M., Demitri, C., Alifano, P. Galleria mellonella (Greater Wax Moth) as a Reliable Animal Model to Study the Efficacy of Nanomaterials in Fighting Pathogens. <i>Nanomaterials</i> . 15(1):67, Q1 , 2025 https://doi.org/10.3390/nano15010067		2
	3. Mishra R., Singh T. G., Bhatia R., Awasthi, A. Unveiling the therapeutic journey of snail mucus in diabetic wound care. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 398(6), 6531-6560, Q2 , 2025, https://link.springer.com/article/10.1007/s00210-024-03657-9		2
	4. Gumenyuk S.E., Ushmarov D.I., Shokel O.Yu., Aydinova E.A., Belyakova Ya.V. The prospects of application of antimicrobial biodegradable wound dressings for the treatment of purulent wounds. <i>Ambulatornaya khirurgiya = Ambulatory Surgery (Russia)</i> . 2024;21(2):111-119, Q4 , (In Russ.) https://doi.org/10.21518/akh2024-027		2
	5. Farzin, M.A., Naghib, S.M., Rabiee, N. Bio-inspired and biomimetic composites based on biodegradable polymers for sensing applications with emphasis on early diagnosis of cancer. <i>Chemical Engineering Journal</i> , 152445, ISSN 1385-8947, Q1 , 2024, https://doi.org/10.1016/j.cej.2024.152445		2
	6. Pathak, N., Negi, A.S. Plant based steroidal and triterpenoid saponinins: Chemistry on diosgenin and biological aspects.		2

	<i>European Journal of Medicinal Chemistry</i>, 279, 116915, Q1, 2024, https://doi.org/10.1016/j.ejmech.2024.116915 7. Gheorghita, D., Antoniac, I., Moldovan, H., Antoniac, A., Grosu, E., Motelica, L., Ficai, A., Oprea, O., Vasile, E., Dițu, L.M., Raiciu, A.D. Influence of Lavender Essential Oil on the Physical and Antibacterial Properties of Chitosan Sponge for Hemostatic Applications. <i>International Journal of Molecular Sciences</i>, 24(22):16312, Q1, 2023, https://doi.org/10.3390/ijms242216312 8. Prete, S., Dattilo, M., Patitucci, F., Pezzi, G., Parisi, O.I., Puoci F. Natural and Synthetic Polymeric Biomaterials for Application in Wound Management. <i>Journal of Functional Biomaterials</i>, 14(9), 455, Q2, 2023, https://doi.org/10.3390/jfb14090455		2
Статья:	Gerzilov V., Andreeva M. , Tsvetanova E., Georgieva A., Alexandrova A., 2023. Improvement of diluted semen from Muscovy (<i>Cairina moschata</i>) drakes by the addition of water-soluble antioxidants. <i>Reproduction in Domestic Animals</i> , 58(12):1702-1711, JCR-IF (Web of Science):1.7, Q2 , https://pubmed.ncbi.nlm.nih.gov/37818658/		
Цитирана от:	1. Hai, E., Li, B., Song, Y., Zhang, J., Zhang J. Ferroptosis emerges as the predominant form of regulated cell death in goat sperm cryopreservation. <i>Journal of Animal Science and Biotechnology</i>, Q1, 16, 26, 2025, https://jasbsci.biomedcentral.com/articles/10.1186/s40104-025-01158-0 2. Hai, E., Li, B., Zhang, J. , Zhang, J. Sperm freezing damage: the role of regulated cell death. <i>Cell Death Discovery</i>, 10, 239, Q1, 2024 https://doi.org/10.1038/s41420-024-02013-3 3. Georgieva, Ts., Hristov, K. Antioxidant Capacity of Extracts from Bulgarian Medicinal Plants. <i>Tradition and Modernity in Veterinary Medicine</i>, 8,2 (15):26-33, Q4, 2023 https://zenodo.org/records/10338390		2
Статья:	Zlateva I, Raykov V, Alexandrova A, Ivanova P, Chipev N, Stefanova K, Dzhebekova N, Doncheva V, Slabakova V, Stefanova E, Mihova S, Valcheva N, Hristova O, Dzhurova B, Dimitrov D, Georgieva A, Tsvetanova E, Andreeva M. , Popov I, Yankova M, Raev Y, Petrov K, 2023. Effects of anthropogenic and environmental stressors on the current status of red mullet (<i>Mullus barbatus</i> L., 1758) populations inhabiting the Bulgarian Black Sea waters. <i>Nature Conservation</i> , 54: 55-79, JCR-IF (Web of Science):1.7, Q2 , https://doi.org/10.3897/natureconservation.54.103758		
Цитирана от:	1. Calogero, G.S., Mancuso, M., Segvic-Bubic, T., Ferrito, V., Pappalardo, A.M.OXPHOS genes analysis in the red mullet (<i>Mullus barbatus</i> Linnaeus, 1758). <i>Frontiers in Marine Science</i> , 12:1577491, Q1, 2025 https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2025.1577491/full		2

	2. Bobchev, N., Berov D., Klayn S., Karamfilov V. High microplastic pollution in marine sediments associated with urbanised areas along the SW Bulgarian Black Sea coast. <i>Marine Pollution Bulletin</i>, 209, Part A, 117150, Q1, 2024 https://doi.org/10.1016/j.marpolbul.2024.117150 3. Prodanov, B., Bekova, R. A baseline assessment of anthropogenic macrolitter on dunes along the Bulgarian Black Sea Coast using visual census and Unmanned Aerial Systems. <i>Nature Conservation</i>, 54: 13-54, Q2, 2023, https://doi.org/10.3897/natureconservation.54.111350		2 2
Статия:	Chochkova, M., Georgieva, A., Ilieva, Tsv., Andreeva, M., Pramatarov, G., Petek, N., Petrova, P., Štícha, M., Mitrev, Y., Svete, J., 2022. Hybridization of Aminoadamantanes with Cinnamic Acid Analogues and Elucidation of Their Antioxidant Profile. <i>Journal of Chemistry, Hindawi</i>, Article ID 7582587, 1-11. SJR (Scopus):0.46, JCR-IF (Web of Science):3.241, Q2, https://doi.org/10.1155/2022/7582587		
Цитирана от:	1. Fu, Z., Yu, Y., Fang, Z., Zhang, Q., Li, D. Palladium-catalyzed aminocarbonylation of vinyl bromides with isocyanides for the synthesis of α,β-unsaturated amides", <i>Tetrahedron</i>, 180, 134668, Q3, 2025 https://doi.org/10.1016/j.tet.2025.134668 2. Parab, D.D., Kohli, H.K. Synthesis, Antibacterial and Antifungal Activity of N'-(3-Hydroxy-4-Methoxy Benzylidene) Adamantane-1-Carbohydrazide (IVAC) and Its Isomers. <i>Journal of Scientific Research</i>, 17(2) 546-560, 2025 https://doi.org/10.3329/jsr.v17i2.75876 3. Parab, D.P., Kohli, H.K. Synthesis, molecular docking and in vitro study of antituberculosis activity of N'-(5-Bromo-4-hydroxy-3-methoxybenzylidene) and N'-(4-hydroxy-3-methoxy-5-nitro benzylidene) adamantane-1-carbohydrazide". <i>International Journal of Chemical Research and Development</i>, 7(1):29-34, 2025, https://www.chemicaljournal.in/archives/2025.v7.i1.A.76/synthesis-molecular-docking-and-in-vitro-study-of-antituberculosis-activity-of-nrsquo-5-bromo-4-hydroxy-3-methoxybenzylidene-and-nrsquo-4-hydroxy-3-methoxy-5-nitro-benzylidene-adamantane-1-carbo 4. Shevchenko, O.G. Investigation of certain aspects of the studies of antioxidants in heterogeneous systems, oil-in-water emulsions. <i>Russian Chemical Bulletin</i>, 73, 3471–3486, Q3, 2025, https://link.springer.com/article/10.1007/s11172-024-4464-7 5. Dragomanova, S., Andonova, V. Adamantane-containing drug delivery systems. <i>Pharmacia</i> 70(4): 1057-1066, Q2, 2023, https://doi.org/10.3897/pharmacia.70.e111593 6. Georgieva, Ts., Hristov, K. Antioxidant Capacity of Extracts from Bulgarian Medicinal Plants. <i>Tradition and Modernity in Veterinary Medicine</i>, 8,2 (15):26-33, Q4, 2023, https://zenodo.org/records/10338390		2 2 2 2 2 2
Статия:	Gerzilov V., Alexandrova A., Andreeva M., Tsvetanova E., Georgieva A., Petrov P., Stefanov R., 2022. Effect of prooxidants and		

Цитирана от:	chelator Desferal on the oxidative status and sperm motility of Muscovy semen. <i>Toxicology reports</i>, 9, 276-283, SJR (Scopus):0.81, Q2, https://doi.org/10.1016/j.toxrep.2022.02.006		2
	1. Ratchamak, R., Authaida, S., Koedkanmark, T., Boonkum, W., Semaming, Y., Chankitisakul, V. Dietary supplementation with ginseng extract enhances testicular function, semen preservation, and fertility rate of mature and aging Thai native roosters. <i>Theriogenology</i>, Q1, 227, 31-40, 2024 https://doi.org/10.1016/j.theriogenology.2024.07.008		2
Статия:	Andreeva M., Alexandrova A., Tsvetanova E., Metodiev N., Stefanov R., 2021. Effect of the breed on the activity of the antioxidant enzymes – SOD and CAT in ram sperm, before and after cryopreservstion. <i>Tradition and Modernity in Veterinary Medicine</i>, 6, 2,(11), 28-33, SJR (Scopus):0.16, Q4, https://scij-tmvm.com/vol./vol.6/2/vol-6-2_2021-28-33.pdf		
Цитирана от:	1. Georgieva, Ts., Hristov, K. Antioxidant Capacity of Extracts from Bulgarian Medicinal Plants. <i>Tradition and Modernity in Veterinary Medicine</i>, 8,2 (15):26-33, Q4, 2023, https://zenodo.org/records/10338390		2
Статия:	Blagova, H., Andreeva, M., Stefanov, R., 2021. The effects of the degree of dilution on the motility and velocity parameters of sperm in rams. <i>Tradition and Modernity in Veterinary Medicine</i>, 6, 2(11), 117-120. SJR (Scopus):0.16, Q4, https://scij-tmvm.com/vol./vol.6/2/vol-6-2_2021-117-120.pdf		
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	12. Придобита научна степен „доктор на науките“	75	-
	13. Ръководство на успешно защитил докторант (п е броят съръководители на съответния докторант). Не се извършва деление на броя съръководители на докторанта, ако те са от различни научни области		
	14. Участие в национален научен или образователен проект		
	15. Участие в международен научен или образователен проект		
	16. Ръководство на национален научен или образователен проект 20		-
	17. Ръководство на българския екип в международен научен или образователен проект		-
	18. Привлечени средства по проекти, ръководени от кандидата		-
	19. Публикуван университетски учебник или учебник, който се използва в училищната мрежа		
	20. Публикувано университетско учебно пособие или учебно пособие, което се използва в училищната мрежа		