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Настояща позиция: главен асистент по Биофизика - катедра “Оптика и спектроскопия”, Физически факултет, СУ “Св. Климент Охридски”, бул. Джеймс Баучер 5, София 1164, България

Таблица 3.0		Таблица 3.0				
Степен / Длъжност	No	Публикация	Съществен Принос	ТОЧКИ	IF	ГРУПА
ДОКТОР	A1	Free Radical Lipid Peroxidation and Monooxygenase Activity in Experimental Influenza Virus Infection after Treatment with Rimantadine Tantcheva, L., <u>Pavlova, E.</u> , Savov, V., Galabov, A., Mileva, M. and Braykova, A. Biological Reactive Intermediates VI: Chemical and Biological Mechanisms in Susceptibility to and Prevention of Environmental Diseases. P.M. Dansette, R. Snyder, M. Delaforge, G.G. Gibson, H. Greim, D.J. Jollow, T.J. Monks and I.G. Sipes (eds.) Kluwer Academic/Plenum Publishers, Adv. Exp. Med. Biol. 2001; 500: 217-20. doi: 10.1007/978-1-4615-0667-6_30	ДА	10	не, глава от книга	SJR/III
	A2	Study Of Free Radical Peroxidation Processes In Urine By Enhanced Chemiluminescence <u>Pavlova E.</u> , Lilova M., Savov V.M. Annuaire de L`universite de Sofia “St. Kliment Ohridski”, Faculte de Physique, Tome 95, Presses Universitaires, 2002, p.57-69.		0	не	
	A3	Biomass Conductivity Estimation Of Escherichia Coli <u>Pavlova E.L.</u> , Pesheva M.G., Savov V.M. Biotechnology & Biotechnological Equipment, Diagnosis Press ltd., issue No1, 2003, p.153-156.		15	0.055	Q3/II

	A4	Antioxidant Mechanisms In Prevention Of Experimental Influenza Virus Infection By Polyphenols, Isolated From Geranium Sanguineum L. Abarova S., I. Dimova, L. Tancheva, <u>E. Pavlova</u> , J. Serkedjieva, S. Ivancheva Polyphenols communications, University of Helsinki, Antti Hoikkala, Otto Soidinsalo (eds), Gummerus Printing, Finland, 2004, 105-106. ISBN: 9521019778, 9789521019777	ДА	0	не	conference proceedings
	A5	Restoring Activity Of Polyphenols From Geranium Sanguineum L. On Hepatic Drug Metabolism, Depressed By Experimental Influenza Virus Infection I. Dimova, S. Abarova, L. Tancheva, <u>E. Pavlova</u> , J. Serkedjieva, S. Ivancheva Polyphenols communications, University of Helsinki, Antti Hoikkala Otto Soidinsalo (eds), Gummerus Printing, Finland, 2004, 167-170. ISBN: 9521019778, 9789521019777	ДА	0	не	conference proceedings
	A6	Oxidative Stress In Children With Kidney Disease <u>E. Pavlova</u> , M. Lилова, V. Savov Pediatric Nephrology 2005 Nov; 20(11):1599-604. doi: 10.1007/s00467-005-1990-x		20	2.518	Q2/I
	A7	Chemiluminescent <i>in vitro</i> estimation of the inhibitory constants of antioxidants ascorbic and uric acids in Fenton's reaction in urine <u>E. L. Pavlova</u> , V. M. Savov Biochemistry (Moscow) 2006; 71(8):861-863. doi: 10.1134/s0006297906080062		20	1.095	Q2/I
	A8	Effects Of Rutin And Quercetin On Monooxygenase Activities In Experimental Influenza Virus Infection V. Savov, A. Galabov, L. Tantcheva, M. Mileva, <u>E. Pavlova</u> , E. Stoeva, A. Braykova Experimental and Toxicologic Pathology 2006; 58(1):59-64. doi: 10.1016/j.etp.2006.05.002	ДА	20	1.018	Q2/I

	A9	Oxidative Stress In Patients With β-Thalassemia Major <u>E. L. Pavlova</u> , V. M. Savov, G. H. Petkov, P. I. Chakarova Contributions, Sec. Biol. Med. Sci., MASA 2007; XXVIII(1):145-154. PMID: 17921925		0	не	
	A10	Oxidative Stress In Children Undergoing Surgical Corrections Of Congenital Heart Malformations <u>Pavlova EL</u> , Marinov RA, Savov VM, Pilosoff VB Pediatric Oncall, 2009, vol.6, issue3, p.53-54, ISSN: 0973-0966.		0	не	
				85		

Степен / Длъжност	No	Други Публикации	Съществен Принос	ТОЧКИ	IF	ГРУПА
	11	Chemiluminescent Research On The Reactions Between Ferritin, Albumin And Reactive Oxygen Species L. S. Vladimirova, <u>E. L. Pavlova</u> Annuaire de L`universite de Sofia "St.Kliment Ohridski", Faculte de Physique, Tome 101, Presses Universitaires, 2008, p.54-68.		0	не	
	12	In Vitro and in Vivo Studies on Toxicity and Pharmacological Activity of New L-Valine Peptidomimetics Tancheva L., M. Novoselski, E. Encheva, V. Petkov, G. Gorneva, D. Tsekova, J. Tchekalarova, I.Gurt, E. Katz and <u>E. Pavlova</u> Medical Management of Chemical and Biological Casualties, Prof. St. Tonev, MD, PhD et al, (eds) Aug. 2009, IRITA, Kazanlak, Chapter 34, 266-273, ISBN 978-954-9993-91-2. https://knizhen-pazar.net/products/books/1834499-medical-management-of-chemical-and-biological-casualties		0	не	не, глава от книга
	13	International Collaborative Study to Evaluate and Establish WHO Reference Reagents for BCG vaccine of three different substrains Kevin Markey, Mei M. Ho, Peter Rigsby, Jason Hockley and Michael J. Corbel	ДА	0	не	

		EXPERT COMMITTEE ON BIOLOGICAL STANDARDIZATION, Geneva, 19 to 23 October 2009, WHO/BS/09.2114. page 32, Appendix I, List of participants Miliana Chouchkova, Plamen Nenkov, Alexander Mihailov, Tzvetelina Stefanova, <u>Elitsa Pavlova</u> and Varban Savov				
	14	Report of an International collaborative study to establish the first WHO reference reagents for BCG vaccines of three different sub-strains Mei M. Ho, Kevin Markey, Peter Rigsby, Jason Hockley, Michael J. Corbel Vaccine 29 (2011) 512–518. doi: 10.1016/j.vaccine.2010.10.066 page 517, Appendix A, List of participants Miliana Chouchkova, Plamen Nenkov, Alexander Mihailov, Tzvetelina Stefanova, <u>Elitsa Pavlova</u> and Varban Savov	да	0	3.766	Q1/I
	15	Synthesis and physico-chemical properties of novel lophine derivatives as chemiluminescent in vitro activators for detection of free radicals <u>Elitsa Pavlova</u> , Stefka Kaloyanova, Todor Deligeorgiev, Nedyalko Lesev Eur Biophys J, vol.44, Issue 8 (2015): 623-634 doi: 10.1007/s00249-015-1056-3		20	2.527	Q2/I
	16	Comparative study on the antioxidant capacities of synthetic influenza inhibitors and ellagic acid in model systems <u>Elitsa L. Pavlova</u> , Nikolay N. Zografov, Lora S. Simeonova Biomedicine & Pharmacotherapy, vol. 83, Issue null, p.755-762, 2016 doi: 10.1016/j.biopha.2016.07.046		20	3.743	Q2/I

	17	Synthesis and physico-chemical properties of novel lophine derivatives as chemiluminescent in vitro activators for detection of free radicals <u>Elitsa Pavlova</u> , Stefka Kaloyanova, Todor Deligeorgiev, Nedyalko Lesev XXXII Colloquium “Physics in the Protection of Human Health and Environment” – “Light in Medicine”, 5-6 June 2015, Sofia, Bulgaria, Proceedings, ISBN: 978-954-9566-77-2		0	не	conference proceedings
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ТАБЛИЦА 3.1		ПОКАЗАТЕЛ В				
Степен / Длъжност	No	Публикация	Съществен Принос	ТОЧКИ	IF	ГРУПА
ГЛАВЕН АСИСТЕНТ	B1	Combined efficacy of oseltamivir, isoprinosine and ellagic acid in influenza A(H3N2)-infected mice <u>Elitsa L. Pavlova</u> , Lora S. Simeonova, Galina A. Gegova Biomedicine & Pharmacotherapy, vol. 98, February 2018, p. 29–35 https://doi.org/10.1016/j.biopha.2017.12.014		25	3.743	Q1/I
	B2	Thin Hemoglobin Layers Deposited by MAPLE Technology Evdokiya Belina, Christo Kisov, <u>Elitsa Pavlova</u> , Ekaterina Borisova, Georgi Dyankov AIP Publishing, January 2019, AIP Conference Proceedings 2075, 160008 (2019) https://doi.org/10.1063/1.5091335 , ISSN: 0094-243X	ДА	10	не	SJR/III
	B3	Comparative study on the activity of hemoglobin and myoglobin as recognition materials in biosensors G. Dyankov, Ch. Kisov, E. Belina, <u>E. Pavlova</u> , E. Borisova, A. Gisbrecht and D. Ivanov Proceedings of SPIE, vol. 11047, 2019, 1104705-1 – 1104705-6. doi: 10.1117/12.2516536 ISSN: 0277786X	ДА	10	не	SJR/III

	B4	Antioxidant activities of <i>Geranium sanguineum</i> L. polyphenolic extract in chemiluminescent model systems <u>Elitsa Pavlova</u> , Lora Simeonova, Julia Serkedjieva Inorganic Chemistry Communications, vol. 108, October 2019, 107518 https://doi.org/10.1016/j.inoche.2019.107518		20	1.795	Q2/I
	B5	Antibacterial effect of TiO₂:Cu:Ag thin coatings on <i>Pseudomonas</i> strain measured by microbiological and ATP assays Iliana A. Ivanova, <u>Elitsa L. Pavlova</u> , Dragomira S. Stoyanova, Orlin I. Angelov Journal of Basic Microbiology, October 2019, 59:1165–1172. doi: 10.1002/jobm.201900427	ДА	20	1.76	Q2/I
	B6	Antiviral, cytotoxic and antioxidant effects of <i>Tanacetum vulgare</i> L. crude extract in vitro Neli Vilhelmova, Lora Simeonova, Nadya Nikolova, <u>Elitsa L. Pavlova</u> , Zlatina Gospodinova, Georgi Antov, Angel S. Galabov, Ivanka Nikolova Folia Medica, 2020, 62(1):172-179, doi: 10.3897/folmed.62.e49370	ДА	12	0.315	Q4/II
	B7	Prooxidant and antimicrobial effects of iron and titanium oxide nanoparticles and thalicarpine <u>Elitsa L. Pavlova</u> , Radostina D. Toshkovska, Tsvetelina E. Doncheva, Iliana A. Ivanova Archives of Microbiology 2020, 202(7), 1873-1880 https://doi.org/10.1007/s00203-020-01902-2 https://rdcu.be/b4nWp		20	2.667	Q2/I
				117		

ТАБЛИЦА 3.2		ПОКАЗАТЕЛИ				
Степен / Длъжност	No	Публикация	Съществен Принос	ТОЧКИ	IF	ГРУПА
ДОЦЕНТ	Г1	Preventive effect of a polyphenol-rich extract from <i>Geranium sanguineum</i> L. on hepatic drug metabolism in influenza infected mice Silviya Abarova, Lyubka Tancheva, Rumen Nikolov, Julia Serkedjieva, <u>Elitsa Pavlova</u> , Alessia Bramanti, Ferdinando Nicoletti, Nikolay Tzvetkov Scientia Pharmaceutica 2020, vol. 88, issue 4, 45 doi:10.3390/scipharm88040045	ДА	20	2.5	Q2/I
	Г2	Alternative technique for direct immobilization of biomolecules E. Belina, J. S. Karadjov, K. Shindarova, <u>E. Pavlova</u> , T. L. Dimitrowa, H. Kisov and G. Dyankov 2021 <i>J. Phys.: Conf. Ser.</i> 1859 012061 doi:10.1088/1742-6596/1859/1/012061	ДА	10	0.21	SJR/III
	Г3	Investigation of biological and prooxidant activity of zinc oxide nanoclusters and nanoparticles Iliana A. Ivanova, <u>Elitsa L. Pavlova</u> , Aneliya S. Kostadinova, Radostina D. Toshkovska, Lyubomira D. Yocheva, Kh El-Sayed, Mohamed A. Hassan, Heba ElSayed ElZorkany, Hisham A. Elshoky Acta Chimica Slovenica, 2022, 69(3), 722–733 doi: 10.17344/acsi.2021.7337	ДА	15	1.524	Q3/II
	Г4	Prooxidant, antioxidant and biological activity of nanocomposites of reduced graphene oxide, silver, copper and their combinations <u>Elitsa L. Pavlova</u> , Iliana A. Ivanova, Anna D. Staneva, Aneliya S. Kostadinova, Diana G. Kichukova, Lyubomira D. Yocheva Chemical Papers 2022 https://doi.org/10.1007/s11696-022-02360-4		20	2.146	Q2/I

	Г5	Biological activity of graphene nanocomposites with zinc oxide, Cu and Ag nanoparticles Boris Martinov, <u>Elitsa Pavlova</u> , Iliana Ivanova, Lyubomira Yocheva, Anelia Kostadinova, Anna Staneva Journal of Chemical Technology and Metallurgy, 58, 2, 2023, 327-339 https://journal.uctm.edu/node/j2023-2/JCTM_2023_58_10_22-173_pp327-339.pdf	ДА	15	0.253	Q3/II
	Г6	Susceptibility of SARS COV-2 nucleocapsid and spike proteins to reactive oxygen species and role in inflammation <u>Elitsa Pavlova</u> , Petya Genova-Kalou, Georgi Dyankov Analytical Biochemistry, 2023, 115137, ISSN 0003-2697 https://doi.org/10.1016/j.ab.2023.115137		15	3.191	Q3/II
	Г7	The effect of resistin on the redox state of breast cancer cells <u>Elitsa Pavlova</u> , Radoslav Stojchevski, Dimitar Avtanski Journal of Cancer Research and Clinical Oncology, 2024, volume 150, article number 24 https://doi.org/10.1007/s00432-023-05556-7		25	3.6	Q1/I
	Г8	Copper And Copper Nanoparticles Applications And Their Role Against Infections: A Minireview Iliana A. Ivanova, Dragomira S. Daskalova, Lilia P. Yordanova, <u>Elitsa L. Pavlova</u> Processes, SI: Synthesis and Application of Nanostructured Metal and Metal Oxides, 2024, 12(2):352 https://doi.org/10.3390/pr12020352		20	3.5	Q2/I
	Г9	Evaluation of the viability of the Bulgarian BCG vaccine by the adenosine triphosphate assay <u>Elitsa Pavlova</u> , Alexander Mihaylov, Tzvetelina Stefanova Biotechnology & Biotechnological Equipment, 2024, 38(1), Article: 2333905 http://dx.doi.org/10.1080/13102818.2024.2333905		15	1.4	Q3/II

	Г10	Sol – gel synthesis of silica - poly (vinylpyrrolidone) hybrids with prooxidant activity and antibacterial properties Albena Bachvarova-Nedelcheva, Yoanna Kostova, Lilia Yordanova, Elena Nenova, Pavletta Shestakova, Iliana Ivanova, <u>Elitsa Pavlova</u> Molecules, 2024, 29(11):2675 https://doi.org/10.3390/molecules29112675		25	4.6	Q1/I
	Г11	Green synthesis, characterization and pharmaceutical applications of biocompatible zinc oxide nanoparticles using Heliotropium rariflorum stocks Noor Ul Uza, Ghulam Dastagir, Syed Tanveer Shah, Elitsa L Pavlova, Aftab Jamal, Mahmoud F. Seleiman, Jakub Černý Pharmaceuticals, 2024, 17(11):1457 https://doi.org/10.3390/ph17111457		25	4.3	Q1/I
	Г12	Optical properties and antimicrobial activity of Si/PVP hybrid material combined with antibiotics Lilia Yordanova, Yoanna Kostova, Elitsa Pavlova, Albena Bachvarova-Nedelcheva, Iliana Ivanova and Elena Nenova Molecules, 2024, 29, 5322 https://doi.org/10.3390/molecules29225322	ДА	25	4.6	Q1/I
	Г13	Antimicrobial and Oxidative Activities of Different Levels of Silver-Exchanged Zeolites X and ZSM-5 and Their Ecotoxicity Elitsa L. Pavlova, Elena P. Nenova, Lyubomira D. Yocheva, Iliana A. Ivanova, and Peter A. Georgiev Pharmaceuticals, 2024, 17(12):1586 https://doi.org/10.3390/ph17121586		25	4.3	Q1/I
			255			