

**СПИСЪК НА НАУЧНИ ПУБЛИКАЦИИ**  
**доц. д-р Искрен Георгиев Сергиев**

№	Публикация	Квартил (Scopus)	IF (WoS JCR)
01	Каранов Е., В. Алексиева, И. Сергиев (1992) – Цитокининови антагонисти - химия и действие (Обзор), <i>Физиол. на раст., С.</i> , XVIII, 1, 97-107.	–	–
02	Sergiev I., V. Alexieva, E. Karanov (1993) Cytokinin agonistic and antagonistic properties of sim-triazine and N-pyridylcarbamate derivatives. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 46, 11, 89-92.	–	–
03	Tsonev T., I. Sergiev (1993) Leaf area measurement using hand scanner. <i>Photosynthetica</i> , 29 (3), 625-630.	–	0.304
04	Alexieva V., I. Sergiev, E. Karanov, E. Golovinsky, M. Haimova (1994) Anticytokinin activity of 4-substituted triazolo[4,5-d]pyrimidines and 4-substituted pyrazolo[3,4-d]pyrimidines. <i>J. Plant Growth Regul.</i> , 13: 123-129.	–	1.109
05	Zheleva D., T. Tsonev, I. Sergiev, E. Karanov (1994) – Protective effect of exogenous polyamines against atrazine in pea plants. <i>J. Plant Growth Regul.</i> , 13(4), 203-211.	–	1.109
06	Sergiev I., V. Alexieva, E. Karanov (1995) Cytokinin and anticytokinin effects on growth and free polyamine content in etiolated and green radish cotyledons. <i>J. Plant Physiol.</i> , 145, 3, 266-270.	–	1.142
07	Yakimova E., V. Kapchina-Toteva, V. Alexieva, I. Sergiev, E. Karanov (1996) Effect of chlorsulfuron (GLEAN-75) and sucrose on some post-harvest physiological events in cut flowers. <i>Bulg. J. Plant Physiol.</i> , 22(3-4), 74-87.	–	–
08	Sergiev I., V. Alexieva, E. Karanov, I. Petkov (1998) Plant growth regulating activity of some novel derivatives of N-(6-methylpyrid-2-yl)- $\alpha$ -(8-hydroxy-quinolin-7-yl) substituted benzylamines. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 51, 5-6, 67-70.	–	–
09	Автореферат на дисертация “Цитокининови антагонисти - зависимост ‘структура – активност’ и някои физиологични свойства”, С., 1999.	–	–
10	Sergiev I., V. Alexieva, S. Yanev, E. Karanov (2000) Effect of atrazine and spermine on free proline and some antioxidants in pea ( <i>Pisum sativum</i> L.) plants. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 53, 10, 63-66.	–	–
11	Somleva M., V. Alexieva, I. Sergiev, E. Karanov (2000) Alterations in the activities of some hydrogen peroxide scavenging enzymes during induction of somatic embryogenesis in leaf explants from <i>Dactylis glomerata</i> L. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 53, 4, 97-100.	–	–
12	Somleva M., V. Kapchina-Toteva, V. Alexieva, I. Sergiev, E. Karanov (2000) Novel physiological properties of two cytokinin antagonists. <i>J. Plant Physiol.</i> , 156, 623-627.	Q2	0.943
13	Stanoeva E., S. Varbanov, V. Alexieva, I. Sergiev, V. Vassileva, M. Rashkova, A. Georgieva (2000) Synthesis and Plant Growth Regulating Activity of New Triazolo- and Pyrazolopyrimidine Derivatives Of Aminomethyl, Aminoalkyloxymethyl Dimethylphosphine Oxides and	Q3	0.331

	(Aminomethane)Phosphonic Acid Esters. <i>Phosphorus, Sulfur, and Silicon and the Related Elements</i> , 165(1), 117-133.		
14	Alexieva V., I. Sergiev, K. Markova-Petrova, I. Devedjiev, E. Karanov (2001) Herbicidal activity of some novel phosphoamides. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 54, 1, 75-80.	–	–
15	Alexieva V., I. Sergiev, S. Mapelli, E. Karanov (2001) The effect of drought and ultraviolet radiation on growth and stress markers in pea and wheat. <i>Plant, Cell &amp; Environ.</i> , 24, 1337-1344.	Q1	3.296
16	Alexieva V., I. Sergiev, I. Manolov, E. Karanov (2002) Plant growth regulating activity of some coumarins and biscoumarins. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 55(9), 91-98.	–	–
17	Ivanov S., V. Alexieva, I. Sergiev, E. Karanov (2002) Effect of low and high temperature treatment on the glutathione level pool and activity of glutathione-S-transferase in wild and ethylene insensitive mutant eti5 of <i>Arabidopsis thaliana</i> (L.) Heynh plants. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 55(8), 89-92.	–	–
18	Todorova D., I. Sergiev, V. Alexieva, E. Karanov (2002) Rosette leaf senescence in wild type and ethylene insensitive mutant (eti5) <i>Arabidopsis thaliana</i> (L.) Heynh during inflorescence and fruit development. I. Changes in plastid pigments, products of lipid and protein oxidation, and hydrogen peroxide levels. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 55(8), 93-98.	–	–
19	Alexieva V., S. Ivanov, I. Sergiev, E. Karanov (2003) Interaction between stresses (Mini Review). In: <i>Bulg. J. Plant Physiol.</i> , Special issue – Proceedings of the European Workshop on Environmental Stress and Sustainable Agriculture, 7–12 September, 2002, Varna, Bulgaria, V. Alexieva, I. Sergiev, E. Karanov, M. Hall (Eds.), 1-17.	–	–
20	Sergiev I., D. Todorova, V. Alexieva, E. Karanov, A. Smith, M. Hall (2003) Rosette leaf senescence in wild type and ethylene-insensitive mutant of <i>Arabidopsis thaliana</i> (L.) Heynh during inflorescence and fruit development. In: <i>Phytohormones in plant biotechnology and agriculture</i> , I. Machackova, G. Romanov (Eds.), Kluwer Acad. Publ., The Netherlands, 217-228.	–	–
21	Sergiev I., V. Alexieva, E. Karanov (2003) Modulation of paraquat toxicity in pea plants by some phenylurea derivatives. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 56, 7, 83-88.	Q3	–
22	Sergiev I., V. Alexieva, S. Ivanov, V. Bankova, S. Mapelli (2004) Plant growth regulating activity of some flavonoids. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 57(4), 65-70.	Q3	–
23	Sergiev I., B. Hadjieva, V. Alexieva, V. Kalcheva, B. Galabov, M. Markova, E. Karanov (2004) Synthesis and anticytokinin properties of trisubstituted ureas and thioureas. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 57(8), 51-57.	Q3	–
24	Sergiev I., B. Hadjieva, V. Alexieva, V. Kalcheva, E. Karanov (2004) Synthesis and cytokinin/anticytokinin activity of some new disubstituted ureidoalkanes. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 57(9), 39-44.	Q3	–
25	Alexieva V., I. Sergiev, D. Todorova, E. Karanov, A. Smith, M. Hall (2004) Effect of ethylene and its antagonist 1-MCP on the senescence of	Q3	0.744

	detached leaves of <i>Arabidopsis thaliana</i> (L.) Heynh. <i>Biologia Plantarum</i> , 48(4), 593-595.		
26	Todorova D., V. Kapchina-Toteva, E. Yakimova, I. Sergiev, V. Alexieva, E. Karanov (2005) Effects of some plant growth regulators on the endogenous polyamine content in in vitro cultivated <i>Rosa hybrida</i> L., cv. Madelon. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 58(4), 433-438.	Q3	–
27	Sergiev I., V. Alexieva, S. Ivanov, V. Bankova, S. Mapelli, E. Karanov (2005) UV-protecting properties of exogenously applied flavonoids on excised cucumber cotyledons. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 58(4), 427-432.	Q3	–
28	Sergiev I., D. Todorova, K. Kornova, V. Alexieva, E. Karanov (2005) Influence of 4PU-30 and thidiazuron on hydrogen peroxide and some defence enzymes of in vitro cultured apple and peach. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 58(7), 815-820.	Q3	–
29	Todorova D., I. Sergiev, K. Kornova, V. Alexieva, E. Karanov (2005) Effect of some plant growth regulators on physiological and biochemical status of in vitro micropropagated plantlets from apple during adaptation. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 58(8), 953-956.	Q3	–
30	Vaseva-Gemisheva I., I. Sergiev, D. Todorova, V. Alexieva, E. Stanoeva, V. Lachkova, E. Karanov (2005) Antagonistic effects of triazolo[4,5-d]pyrimidine and pyridylurea derivatives on cytokinin-induced cytokinin oxidase/dehydrogenase activity in young pea plants. <i>Plant Growth Regul.</i> , 46, 193-197.	Q3	0.841
31	Sergiev I., V. Alexieva, S. Ivanov, I. Moskova, E. Karanov (2006) The phenylurea cytokinin 4PU-30 protects maize plants against glyphosate action. <i>Pestic. Biochem &amp; Physiol.</i> , 85, 139-146.	Q2	1.189
32	Sergiev I., D. Todorova, M. Somleva, V. Alexieva, E. Karanov, E. Stanoeva, V. Lachkova, A. Smith, M. Hall (2007) Influence of cytokinins and novel cytokinin antagonists on the senescence of detached leaves of <i>Arabidopsis thaliana</i> (L.) Heynh. <i>Biologia Plantarum</i> , 51(2), 377-380.	Q1	1.259
33	Todorova D., I. Sergiev, V. Alexieva, E. Karanov, A. Smith, M. Hall (2007) Polyamine content in <i>Arabidopsis thaliana</i> (L.) Heynh during recovery after low and high temperature treatments. <i>Plant Growth Regul.</i> , 51, 185-191.	Q2	1.024
34	Moskova I., D. Todorova, V. Alexieva, I. Sergiev (2007) Hydrogen peroxide pretreatment alleviates paraquat injuries in pea ( <i>Pisum sativum</i> L.). <i>Compt. Rend. Acad. Bulg. Sci.</i> , 60(10), 1101-1106.	Q4	0.106
35	Todorova D., I. Moskova, I. Sergiev, V. Alexieva, S. Mapelli (2008) Changes in endogenous polyamines and some stress markers content induced by drought, 4PU-30 and abscisic acid in wheat plants. In: Abiotic stress and plant responses. Nafees A. Khan, Sarvajeet Singh (Eds.), I. K. International Publishing House Pvt. Ltd., ISBN 978-81-89866-95-2, Chapter 11, pp. 205-215.	–	–
36	Moskova I., D. Todorova, V. Alexieva, S. Ivanov, I. Sergiev (2009) Effect of exogenous hydrogen peroxide on enzymatic and nonenzymatic antioxidants in leaves of young pea plants treated with paraquat. <i>Plant Growth Regul.</i> , 57(2), 193-202.	Q1	1.530

37	Moskova I., D. Todorova, V. Alexieva, I. Sergiev (2011) Leaf Morphology and histology changes of pea plants treated with hydrogen peroxide and paraquat. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 64(12), 1695-1700.	Q2	0.210
38	Todorova D., I. Sergiev, I. Moskova, V. Alexieva, M. Hall (2012) Oxidative stress provoked by low and high temperatures in wild type and ethylene-insensitive mutant eti5 of <i>Arabidopsis thaliana</i> . <i>Oxidation Communications</i> , 35(3), 651-661.	Q4	0.146
39	Todorova D., I. Sergiev, V. Alexieva (2012) Application of natural and synthetic polyamines as growth regulators to improve the freezing tolerance of winter wheat ( <i>Triticum aestivum</i> L.). <i>Acta Agronomica Hungarica</i> , 60(1), 1-10.	Q3	–
40	Katerova Z., E. Shopova, N. Georgieva, A. Nikolova, I. Sergiev, D. Todorova (2012) MEIA acts as protector against UV-C irradiation in young wheat plants. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 65(10), 1373-1378.	Q2	0.211
41	Katerova Z., D. Todorova, K. Tasheva, I. Sergiev (2012) Influence of ultraviolet radiation on plant secondary metabolite production. <i>Genetics and Plant Physiology</i> , 2(3–4), 113–144. (Review)	–	–
42	Todorova D., Z. Katerova, I. Sergiev, V. Alexieva (2013) Role of Polyamines in Alleviating Salt Stress. In: <i>Ecophysiology and Responses of Plants under Salt Stress</i> , (Eds. Parvaiz Ahmad, MM Azooz, MNV Prasad) Springer Science+Business Media, New York, USA, ISBN 978-1-4614-4747-4. Chapter 13. pp. 355-379. DOI 10.1007/978-1-4614-4747-4_13	–	–
43	Ivanov S., E. Shopova, P. Kerchev, I. Sergiev, L. Miteva, D. Polizoev, V. Alexieva (2013) Long-term impact of sublethal atrazine perturbs the redox homeostasis in pea ( <i>Pisum sativum</i> L.) plants. <i>Protoplasma</i> , 250, 95–102. DOI 10.1007/s00709-012-0378-6	Q1	3.171
44	Sergiev I., D. Todorova, I. Moskova, N. Georgieva, A. Nikolova, S. Simova, D. Polizoev, V. Alexieva (2013) Protective effect of humic acids against heavy metal stress in triticale. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 66(1), 53-60.	Q2	0.198
45	Stanoeva E., K. Jecheva, R. Koleva, M. Vladimirova, I. Sergiev, V. Alexieva (2013) Synthesis of new phytochemically active [1,2,3]triazolo[4,5-d]- and pyrazolo [3,4-d]pyrimidines incorporating substituted amino groups. <i>Bulg. J. Chem.</i> , 2(2), 69-75.	Q2	0.198
46	Todorova D., Z. Katerova, E. Shopova, A. Nikolova, N. Georgieva, I. Sergiev, S. Mapelli (2013) Polyamine spermine protects young pea plants against Ultraviolet-C radiation. <i>Biotechnology &amp; Biotechnological Equipment</i> , 27(3), 3798-3802.	Q3	0.379
47	Todorova D., Z. Katerova, I. Sergiev, V. Alexieva (2014) Polyamines - Involvement in Plant Stress tolerance and Adaptation. In: <i>Plant Adaptation to Environmental Change</i> , (Eds. NA Anjun, SS Gill, R Gill) CAB International, ISBN 978-1-78064-273-4. Chapter 11. pp. 194-221.	–	–
48	Todorova D., I. Sergiev, I. Moskova, Z. Katerova, N. Georgieva, V. Alexieva, I. Brambilla, S. Mapelli (2014) Biochemical responses of triticale plants treated with UV-B irradiation and nutrient solution enriched with humic acids. <i>Turk. J. Bot.</i> , 38: 747-753.	Q2	–

49	Damyanova M., D. Todorova, I. Sergiev (2014) Polyamine alterations in isolated zucchini cotyledons grown in presence of cytokinins and Cu <sup>2+</sup> . <i>Am. J. Plant Sci.</i> , 5(14), 2141-2147.	–	–
50	Moskova I, Todorova D, Alexieva V, Sergiev I (2014) Protective Effect of Hydrogen Peroxide against Paraquat Toxicity in Young Pea Plants: Possible Role of Endogenous Polyamines. <i>Am. J. Plant Sci.</i> , 5, 3408-3416.	–	–
51	Damyanova M, Todorova D, Sergiev I (2015) Endogenous polyamine profiles of isolated zucchini cotyledons incubated on solutions of Cu <sup>2+</sup> and methyl jasmonate. <i>Oxidation Communications</i> , 38(1), 104-113.	Q4	0.489
52	Todorova D, Katerova Z, Alexieva V, Sergiev I (2015) Polyamines – Possibilities for application to increase plant tolerance and adaptation capacity to stress. <i>Genetics and Plant Physiology</i> , 5(2), 123-144.	–	–
53	Todorova D, Katerova Z, Shopova E, Jodinskiene M, Jurkoniene S, Sergiev I. (2016) Responses of pea plants to heat stress and spermine treatment. <i>Zemdirbyste-Agriculture</i> , 103(1), 99-106.	Q2	0.644
54	Sergiev I., Todorova D., Brankova L., Alexieva V. (2016) Prohexadione-Ca and copper effect on growth and accumulation of endogenous polyamines in pea plants. <i>Botanica Lithuanica</i> , 22(1), 65-71.	–	–
55	Katerova Z, Todorova D, Sergiev I, Yu C.-Y., Alexieva V. (2016) Biochemical responses of young wheat plants irradiated with UV-C and pretreated with β-monomethyl ester of itaconic acid (MEIA) or polyamine spermine. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 69(1), 31-36.	Q3	0.251
56	Katerova Z., Todorova D., Sergiev I. (2017) Plant Secondary Metabolites and Some Plant Growth Regulators Elicited by UV Irradiation, Light And/Or Shade. In: Ghorbanpour, M., Varma, A. (eds) Medicinal Plants and Environmental Challenges. Springer, Cham. ISBN:978-3-319-68717-9, DOI: <a href="https://doi.org/10.1007/978-3-319-68717-9_6">https://doi.org/10.1007/978-3-319-68717-9_6</a> , 97-121	–	–
57	Sergiev I., D. Todorova, E. Shopova, Z. Katerova, J. Jankauskiene, S. Jurkoniene (2017) - Auxin-like compounds act as protectors against UV-B irradiation in garden pea plants. <i>Botanica Lithuanica</i> , 23(2), 79-88.	Q4	–
58	Sergiev I., Todorova D., Katerova Z., Shopova E., Jankauskiene J., Jurkoniene S. (2017) - Beneficial effects of auxin-like compounds on pea plants irradiated with UV-C. <i>Genetics and Plant Physiology</i> , 7, 3-4, 135-146.	–	–
59	Sergiev I., D. Todorova, L. Atanasova (2018) - High salinity-induced proline and polyamine changes in organs of pea ( <i>Pisum sativum</i> L. Cv. Ran). <i>Compt. Rend. Acad. Bulg. Sci.</i> , 71(11), 1479-1487.	Q2	0.321
60	Sergiev I, D. Todorova, Z. Katerova, I. Brambilla, S. Mapelli, S. Simova (2018) - Polyamines and amino acids in triticale plants grown on humic acids enriched nutrient solution and treated with UV-B irradiation. <i>Theoretical and Experimental Plant Physiology</i> , 30, 153–163.	Q2	1.532
61	Sergiev I., Todorova D., Shopova E., Jankauskiene J., Jankovska-Bortkevic E., Jurkoniene S. (2018) - Effects of auxin analogues and heat stress on garden pea. <i>Zemdirbyste-Agriculture</i> , 105, 3, 243-248.	Q2	1.020
62	Sergiev I, Todorova D, Shopova E, Jankauskiene J, Jankovska-Bortkevic E, Jurkoniene S. (2019) - Exogenous auxin type compounds amend PEG-	Q1	2.769

	induced physiological responses of pea plants. <i>Scientia Horticulturae</i> , 248, 200-205.		
63	Sergiev IG, Todorova DA, Gins VK, Motyleva SM, Gins EM, Moskalev EA. (2019) - Nutritional value of vegetable <i>Amaranthus tricolor</i> L. seedlings grown in Moscow region. <i>RUDN J. Agron. and An. Ind.</i> , 14, 3, 225-238.	-	-
64	Гинс МС, Гинс ВК, Мотилева СМ, Куликов ИМ, Тодорова ДА, Сергиев, ИГ. (2019) - Состав органических кислот в разновозрастных листьях <i>Amaranthus tricolor</i> L. сорта Валентина. Сборник материалов V международной научно-методологической конференции, I, Российский Университет Дружбы народов, 142-146.	-	-
65	Moskova I, Dikova B, Balacheva E, Sergiev I. (2020) Protective effect of plant growth regulators MEIA and 4PU-30 against Tomato spotted wilt virus (TSWV) on two tomato genotypes. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 73, 11, 1538-1544.	Q2	0.378
66	Sergiev I., Todorova D., Shopova E., Brankova L., Jankauskiene J., Jurkoniene S., Gaveliene V., Mockeviciute R. (2020) Assessment of synthetic auxin type compounds as potential modulators of herbicide action in <i>Pisum sativum</i> L. <i>Biologia</i> , 75, 1845-1853.	Q3	1.350
67	Shopova E., Mihailova B., Todorova D., Sergiev I., Stoimenova E. (2020) Systemic Acquired Resistance Induced by Compatible and Incompatible Tomato Mosaic Viruses Effectively Controls Bacterial Spot and Speck Diseases in Tomato. <i>Agriculture</i> , 10, 7, 302.	Q1	2.925
68	Shopova E, Dimitrova S, Todorova D, Sergiev I. (2020) Comparative study of singlet oxygen and superoxide radical effects on endogenous polyamines and diamine and polyamine oxidase activities in young pea seedlings. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 73, 8, 1076-1085.	Q2	0.378
69	Todorova D, Katerova Z, Dimitrova R, Petrova M, Hristozkova M, Sergiev I. (2020) Exogenous spermine application increases quantity of rosmarinic acid and carnosic acid in salt-treated <i>Salvia officinalis</i> L. plants in pot experiments. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 73, 6, 800-808.	Q2	0.378
70	Jankovska-Bortkevic E., Gaveliene V., Šveikauskas V., Mockeviciute R., Jankauskiene J., Todorova D., Sergiev I., Jurkoniene S. (2020) Foliar Application of Polyamines Modulates Winter Oilseed Rape Responses to Increasing Cold. <i>Plants</i> , 9, 2, 179.	Q1	3.935
71	Jurkonienė S, Jankauskienė J, Mockevičiūtė R, Gavelienė V, Jankovska-Bortkevič E, Sergiev I, Todorova D, Anisimovienė N. (2021) Elevated Temperature Induced Adaptive Responses of Two Lupine Species at Early Seedling Phase. <i>Plants</i> , 10, 6, 1091.	Q1	4.658
72	Seckin Dinler B, Cetinkaya H, Sergiev I, Shopova E, Todorova D. (2021) Paclobutrazol induced non-enzymatic antioxidants and polyamine levels in soybean plants grown under salinity stress. <i>Botanica</i> , 27, 2, 149-159.	Q4	-
73	Todorova D, Sergiev I, Katerova Z, Shopova E, Dimitrova L, Brankova L. (2021) Assessment of the Biochemical Responses of Wheat Seedlings to Soil Drought after Application of Selective Herbicide. <i>Plants</i> , 10, 4, 733-745.	Q1	4.658
74	Todorova D., Sergiev I, Shopova E, Brankova L, Jankauskiene J, Jurkoniene S, Gaveliene V, Mockevičiūtė R. (2021) Physiological	Q4	-

	responses of pea plants to treatment with synthetic auxins and auxin-type herbicide. <i>Botanica</i> , 27, 2, 125-133.		
75	Shopova E, Katerova Z, Brankova L, Dimitrova L, Sergiev I, Todorova D, Talaat NB. (2021) Modulation of Physiological Stress Response of <i>Triticum aestivum</i> L. to Glyphosate by Brassinosteroid Application. <i>Life</i> , 11, 11, 1156-1167.	Q2	3.253
76	Shopova E, Brankova L, Katerova Z, Dimitrova L, Todorova D, Sergiev I, Talaat NB. (2021) Salicylic Acid Pretreatment Modulates Wheat Responses to Glyphosate. <i>Crops</i> , 1, 2, 88-96.	–	–
77	Moskova I, Sergiev I, Kirova E, Dikova B. (2021) Effects of triacontanol on pepper plants infected with tomato spotted wilt virus (TSWV). <i>Compt. Rend. Acad. Bulg. Sci.</i> , 74, 7, 1091-1097.	Q3	0.329
78	Katerova Z, Sergiev I, Todorova D, Shopova E, Dimitrova L, Brankova L. (2021) Physiological Responses of Wheat Seedlings to Soil Waterlogging Applied after Treatment with Selective Herbicide. <i>Plants</i> , 10, 6, 1195-1200.	Q1	4.658
79	Todorova D, Katerova Z, Shopova E, Brankova L, Sergiev I, Jankauskienė J, Jurkonienė S. (2022) The Physiological Responses of Wheat and Maize Seedlings Grown under Water Deficit Are Modulated by Pre-Application of Auxin-Type Plant Growth Regulators. <i>Plants</i> , 11, 23, 3251-3261.	Q1	4.500
80	Todorova D, Katerova Z, Dimitrova L, Sergiev I. (2022) Involvement of Polyamines in Physiological Reactions of Herbicide-treated Wheat Seedlings Subjected to Drought and Waterlogging Stress. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 75, 6, 923-932.	Q3	0.300
81	Brankova L, Dimitrova L, Shopova E, Katerova Z, Sergiev I, Todorova D. (2022) Microsomal P450-related Electron Transfer Components, Glutathione and Glutathione S-transferase Contribution in Stress Response of Herbicide-treated Wheat to Drought and Waterlogging. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 75, 7, 1089-1096.	Q3	0.300
82	Shopova E., B. Mihailova, M. Drumeva-Yoncheva, D. Todorova, I. Sergiev, and Y. Yonchev (2022) Comparative Study of Drought Tolerance of Virginia Tobacco Genotypes Differing in Origin and Their Corresponding Hybrid Progenies. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 75(10), 1540–1548.	Q3	0.300
83	Todorova, D.; Aleksandrov, V.; Anev, S.; Sergiev, I. (2022) Photosynthesis Alterations in Wheat Plants Induced by Herbicide, Soil Drought or Flooding. <i>Agronomy</i> , 12, 390.	Q1	3.700
84	Dinler BS, Cetinkaya H, Sergiev I, Shopova E, Todorova D. (2022) Paclobutrazol dependent salt tolerance is related to CLC1 and NHX1 gene expression in soybean plants. <i>Acta Scientiarum Polonorum, Hortorum Cultus</i> , 21, 3, 25-38.	Q3	0.700
85	Katerova Z, Todorova D, Shopova E, Brankova L, Dimitrova L, Petrakova M, Sergiev I. (2023) Biochemical alterations in triticale seedlings pretreated with selective herbicide and subjected to drought or waterlogging stress. <i>Plants</i> , 12, 15, 2803-2816.	Q1	4.500
86	Petrova M, Nikolova M, Dimitrova L, Dimitova M, Sergiev I. (2023) <i>In vitro</i> multiplication and GC/MS-based metabolic profiles of <i>Cichorium intybus</i> L. <i>J. Microbiol., Biotechnol. and Food Sci.</i> , 13, 2, 1-6.	Q3	0.900

87	Todorova D, Aleksandrov V, Anev S, Sergiev I. (2023) Comparative study of photosynthesis performance of herbicide-treated young triticale plants during drought and waterlogging stress. <i>Agronomy</i> , 13, 8, 1-14.	Q1	3.700
88	Jankovska-Bortkevič E, Katerova Z, Todorova D, Jankauskienė J, Mockevičiūtė R, Sergiev I, Jurkonienė S. (2023) Effects of auxin-type plant growth regulators and cold stress on the endogenous polyamines in pea plants. <i>Horticulturae</i> , 9, 2, 244-257.	Q1	3.100
89	Katerova, Z., A. Petrova, I. Sergiev, D. Todorova (2024) Polyamine Alterations of Triticale in Response to Herbicide, Drought and Waterlogging Treatments. <i>Compt. Rend. Acad. Bulg. Sci.</i> , 77, 1, 156–164.	Q3	0.300

### СПРАВКА

към списъка на научните публикации на доц. д-р Искрен Георгиев Сергиев

#### Тип научни публикации:

Експериментална научна статия: **80** публикации

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Списание	Брой Статии	№ от списъка	Сума от JCR IF
Физиология на растенията	1	1	–
Acta Agronomica Hungarica	1	39	–
Acta Scientiarum Polonorum	1	84	0.700
Agriculture	1	67	2.925
Agronomy	2	83, 87	7.400
American J. of Plant Science	2	49, 50	–
Biologia	1	66	1.350
Biologia Plantarum	2	25, 32	2.003
Biotechnol. and Biotechnol. Eq.	1	46	0.379
Botanica Lithuanica (Botanica)	4	54, 57, 72, 74	–
Bulgarian J. of Chemistry	1	45	0.198
Bulgarian J. of Plant Physiology	1	7	–



Compt. Rend. Acad. Bulg. Sci.	30	2, 8, 10, 11, 14, 16, 17, 18, 21, 22, 23, 24, 26, 27, 28, 29, 34, 37, 40, 44, 55, 59, 65, 68, 69, 77, 80, 81, 82, 89	3.960
Crops	1	76	–
Genetics and Plant Physiology	3	41, 52, 58	–
Horticulturæ	1	88	3.100
J. Agron. and Anim. Industry	1	63	–
J. Microbiol., Biotechnol. and Food Sci.	1	86	0.900
J. Plant Growth Regulation	2	4, 5	2.218
J. Plant Physiology	2	6, 12	2.085
Life	1	75	3.253
Oxidation Communications	2	38, 51	0.635
Pestic. Biochem. and Physiol.	1	31	1.189
Phosphorus, Sulfur, and Silicon	1	13	0.331
Photosynthetica	1	3	0.304
Plant Growth Regulation	3	30, 33, 36	3.395
Plant, Cell and Environment	1	15	3.296
Plants	6	70, 71, 73, 78, 79, 85	26.909
Protoplasma	1	43	3.171
Scientia Horticulturæ	1	62	2.769
Theor. and Exp. Plant Physiology	1	60	1.532
Turkish J. of Botany	1	48	–
Zemdirbyste-Agriculture	2	53, 61	1.664
			<b>IF: 75.666</b>

Април 2024 г.

/И. Сергиев/