

## Приложение 2

### СПИСКЪ

на научната и публикационна дейност на кандидата **Г.Л. АС. Д-Р КАМЕЛИЯ ГЕОРГИЕВА ПЕТРОВА** за участие в конкурс за заемане на академична длъжност **"ДОЦЕНТ"** по дисциплината **„ПОЧВОЗНАНИЕ С ОСНОВИ НА ТОРЕНЕТО“** в научна област **6. АГРАРНИ НАУКИ И ВЕТЕРИНАРНА МЕДИЦИНА**, ПН 6.5. ГОРСКО СТОПАНСТВО във връзка с оценка на съответствието с минималните национални изисквания (МНИ)

| № на показател                              | Показател                                                                                                                                                                                                                                                                                                             | Брой точки за показателя | Бр. автори (n) | Брой точки на кандидата |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------|-------------------------|
| A1                                          | Дисертационен труд за присъждане на образователна и научна степен „доктор“                                                                                                                                                                                                                                            | 50                       |                |                         |
|                                             | Актуализиране на класификацията на почвите от територията на УОГС „Петрохан“.2020.161 стр.                                                                                                                                                                                                                            | 50                       | 1              | 50                      |
| <b>ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „А“</b> |                                                                                                                                                                                                                                                                                                                       |                          |                |                         |
| B2                                          | Дисертационен труд за присъждане на научна степен „доктор на науките“                                                                                                                                                                                                                                                 | 100                      | 0              | 0                       |
| <b>ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „Б“</b> |                                                                                                                                                                                                                                                                                                                       |                          |                |                         |
| B4                                          | Хабилитационен труд – научни публикации (не по-малко от 10) в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация                                                                                                                                                            | 60/п за всяка публикация |                |                         |
| B4_1                                        | Malinova, D., Malinova, L., <b>Petrova, K.</b> , Hristov, B. 2019. Coefficients of heavy metal accumulation in forest soils. Bulgarian Journal of Agricultural Science, 25 (№3), 519-526.( <b>Scopus SJR for 2019 – 0.191, Q3</b> ). ISSN 1310-0351 - print. ISSN 2534-983X - online                                  | 60                       | 4              | 15                      |
| B4_2                                        | <b>Petrova, K.</b> , Pavlov, P., Ivanov, Y. 2019. Assessment of Acrisols soil fertility on the territory of Petrohan Training and Experimental Forest Range, Bulgaria. Forestry Ideas, 2019, vol. 25, No 2 (58): 404-412.( <b>Scopus SJR for 2019 – 0.115, Q4</b> ). ISSN: 1314-3905 (print) ISSN: 2603-2996 (online) | 60                       | 3              | 20                      |
| B4_3                                        | <b>Petrova, K.</b> , Ivanova, E. 2019. Heavy metal content in soils of Petrohan pass area. Forest Science, No 1, 2019, 65-73. ( <b>Web of Science, списък на НАЦИД</b> ). ISSN 0861-007X                                                                                                                              | 60                       | 2              | 30                      |
| B4_4                                        | Andreeva, I., <b>Petrova, K.</b> 2019. Heavy metal content in soils from gold-containing ore “Milin Kamak” deposit region. Forest Science, No 1, 2019, 75-80. ( <b>Web of Science, списък на НАЦИД</b> ). ISSN 0861-007X                                                                                              | 60                       | 2              | 30                      |
| B4_5                                        | Malinova, L., <b>Petrova, K.</b> , Grigорова- Pesheva, B. 2021. Lixisols and Acrisols on the territory of Strandzha Mountain. Bulgarian Journal of Agricultural Science, 27(1), 179–185. ( <b>Scopus SJR for 2021 – 0.250, Q3</b> ). ISSN 1310-0351 - print. ISSN 2534-983X - online                                  | 60                       | 3              | 20                      |

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|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---|----|
| B4_6                                                             | Malinova, L., <b>Petrova, K.</b> , Grigороva-Pesheva, B. 2021. Assessment of soil and litter parameters in Yundola stationary sample plot for intensive monitoring of forest ecosystems. Forestry Ideas, 2021, vol. 27, No 1 (61): 145–156.( <b>Scopus SJR for 2021 – 0.162, Q4</b> ). ISSN: 1314-3905 (print) ISSN: 2603-2996 (online) | 60                                                                  | 3 | 20 |
| B4_7                                                             | Hristov, B., <b>Petrova, K.</b> , Pavlov, P., Grigороva-Pesheva, B., Uzunov, L.2021. Research of Cambisols in Western Balkan Mountains. Ecologia Balkanica, vol. 13(2):135-143.( <b>Scopus SJR for 2021 – 0.137, Q4</b> ). ISSN: 1314-0213 (print) ISSN: 1313-9940 (online)                                                             | 60                                                                  | 5 | 12 |
| B4_8                                                             | Malinova, L., <b>Petrova, K.</b> , Pavlov, P. 2022. Assessment of heavy metal concentrations in soils of Western Balkan Mountains. Bulgarian Journal of Agricultural Science, 28 (1), 129–136. ( <b>Scopus SJR for 2022 – 0.216, Q3</b> ). ISSN 1310-0351 - print. ISSN 2534-983X - online                                              | 60                                                                  | 3 | 20 |
| B4_9                                                             | Pavlova-Traykova, E., Grigороva-Pesheva, B., <b>Petrova, K.</b> 2023. Soil loss assessment by applying Inter Model. Forest Science, Special Issue, 2023,41-46. ( <b>Web of Science, списък на НАЦИД</b> ). ISSN 0861-007X                                                                                                               | 60                                                                  | 3 | 20 |
| B4_10                                                            | <b>Petrova, K.</b> , Dimitrov, D. P., Pavlova-Traykova, E., Grigороva-Pesheva, B.2024. Study of basic soil parameters in relation to remnant growth depression of Norway spruce stands in Bulgaria. Forest Science, No 1, 2024, 27-38. ( <b>Web of Science, списък на НАЦИД</b> ). ISSN 0861-007X                                       | 60                                                                  | 4 | 15 |
| <b>ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „В“ (минимум 100 т.) 202</b> |                                                                                                                                                                                                                                                                                                                                         |                                                                     |   |    |
| G5                                                               | Публикувана монография, която не е представена като основен хабилитационен труд                                                                                                                                                                                                                                                         | 100                                                                 |   |    |
| G6                                                               | Публикувана монография на базата на дисертационен труд                                                                                                                                                                                                                                                                                  | 40                                                                  |   |    |
| G7                                                               | Статии и доклади, публикувани в научни издания, реферирани и индексирани в световноизвестни бази данни с научна информация                                                                                                                                                                                                              | 30/п или разпределени в съотношение на базата на протокол за принос |   |    |
| G7_1                                                             | <b>Petrova, K.</b> 2018. Some features of Cambisols soil-forming process from Training and Experimental Forest Range „Petroman“ region. Bulgarian Journal of Soil Science, Volume 3, Issue 2, 81-89.( <b>Web of Science-CABI</b> ). ISSN- 2534-8787 (print), ISSN 2367-9212 (online)                                                    | 30                                                                  | 1 | 30 |
| G7_2                                                             | Малинова, Д., <b>Петрова, К.</b> , Павлов, П. 2019. Запас на органичен въглерод в Резерват „Торфено бранище“. Bulgarian Journal of Soil Science Agrochemistry and Ecology, 53,                                                                                                                                                          | 30                                                                  | 3 | 10 |



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|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---|-----|
|       | 2/2019.13-21.( <b>Web of Science</b> , <b>списък на НАЦИД</b> ). ISSN 0861-9425 (Print), ISSN 2534-9864 (Online)                                                                                                                                                                                                                                                                                                    |    |   |     |
| Г7_3  | Иlieva, D., <b>Petrova, K.</b> 2019. Cover-management (C-factor) of Petrohan Training and Experimental Forest Range. Bulgarian Journal of Agricultural Science, 25 (№3), 534-539.( <b>Scopus SJR for 2019 – 0.191, Q3</b> ). ISSN 1310-0351 - print. ISSN 2534-983X - online                                                                                                                                        | 30 | 2 | 15  |
| Г7_4  | Malinova, L., <b>Petrova, K.</b> 2020. Some results of Stationary Sample Plot for Intensive Monitoring of Forest Ecosystems Vitiya Area. Bulgarian Journal of Soil Science, Vol.5, Issue 2. 101-109.( <b>Web of Science-CABI</b> ). ISSN- 2534-8787 (print). ISSN 2367-9212 (online)                                                                                                                                | 30 | 2 | 15  |
| Г7_5  | Hristov, B., Pavlov, P., Grigorova-Pesheva, B., <b>Petrova, K.</b> 2022. Soils of Vitosha Mountain. Journal of Balkan Ecology, 25 (3), 143 – 154.( <b>Web of Science</b> , <b>списък на НАЦИД</b> ). ISSN 1311-0527 (Print)                                                                                                                                                                                         | 30 | 4 | 7.5 |
| Г7_6  | Grigorova-Pesheva, B., <b>Petrova, K.</b> , Nacheva, L.2022. Analysis of the Microbiological Characteristics of Soils from the Territory of Vitosha Nature Park, according to the Differences in the Environmental Conditions. Ecologia Balcanica, 14(2), 51-62.( <b>Scopus SJR for 2022 – 0.202, Q4</b> ). ISSN: 1314-0213 (print) ISSN: 1313-9940 (online)                                                        | 30 | 3 | 10  |
| Г7_7  | Grigorova-Pesheva, B., <b>Petrova, K.</b> , Hristov, B. 2022. Analysis of the microbiological characteristics of the different soil horizons of forest soils from the territory of Vitosha Nature park. SGEM Conference, 2022, Section Forest Ecosystems, 333-340. ( <b>Scopus SJR for 2022 – 0.123</b> ). ISSN 1314-2704                                                                                           | 30 | 3 | 10  |
| Г7_8  | Grigorova-Pesheva, B., <b>Petrova, K.</b> , Malcheva, B. 2022. Study of influence of soil type, vegetation, altitude and organic carbon content on soil microbial abundance. SGEM Vienna Green Conference, 2022, Section Forest Ecosystems, 423-430. <a href="https://doi.org/10.5593/sgem2022V/3.2/sl4.49">https://doi.org/10.5593/sgem2022V/3.2/sl4.49</a> ( <b>Scopus SJR for 2022 – 0.123</b> ). ISSN 1314-2704 | 30 | 3 | 10  |
| Г7_9  | Nedelin, T., <b>Petrova, K.</b> , Savev, S.2022. Soil properties of the most productive Tuber aestivum habitats from midpart of Western Bulgaria. Forestry Ideas, Vol.28 No 2, (64) 393-404.( <b>Scopus SJR for 2022 – 0.166, Q4</b> ). ISSN: 1314-3905 (print) ISSN: 2603-2996 (online)                                                                                                                            | 30 | 3 | 10  |
| Г7_10 | Асенова, М., Иванов, Й., Григорова-Пешева, Б., <b>Петрова, К.</b> , Павлов, П. 2023. Методичен подход за избор на териториални единици и извършване на теренни измервания за изследване на системата „почва – почвени микроорганизми – дървесен състав“. Наука за гората, КН. 1, 87-103. ( <b>Web of Science</b> , <b>списък на НАЦИД</b> ). ISSN 0861-007X                                                         | 30 | 5 | 6   |
| Г7_11 | Malcheva, B., Hristov, B., Gushterova, A., Malinova, L., Pavlov, P., <b>Petrova, K.</b> 2023. Response of catalase activity of soil microorganisms according to microbialbiomass carbon in forest ecosystems from Natural park “Vitosha”. Journal of Environmental Protection and Ecology 4, No 2, 446–458.( <b>Scopus SJR for 2023 – 0.239, Q3</b> ). ISSN : 1311-5065                                             | 30 | 6 | 5   |

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|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---|-----|
| Г7_12                                                            | <b>Petrova, K.</b> 2024. Assessment of aboveground litterfall under the beech forest canopy in Vitiņa permanent sample plot. <i>Forestry Ideas</i> , 2024, vol. 30, No 1 (67): 173–182. ( <b>Scopus SJR for 2023 – 0.174, Q4</b> ). ISSN: 1314-3905 (print) ISSN: 2603-2996 (online)                                                                                                                           | 30 | 1 | 30  |
| Г7_13                                                            | Hristov, B., Pavlov, P., <b>Petrova, K.</b> , Malcheva, B. 2024. Soil organic matter of Cambisols in Vitosha mountain, Bulgaria. <i>Edelweiss Applied Science and Technology</i> , Vol. 8, No. 6, 5130-5137.( <b>Scopus SJR for 2023 – 0.12, Q4</b> ). ISSN: 2576-8484 (online)                                                                                                                                | 30 | 4 | 7.5 |
| Г7_14                                                            | <b>Petrova, K.</b> , Nedelin, T., Grigorova-Pesheva, B. 2024. Assessment of basic soil parameters related to the spread and development of Tuber aestivum fruiting bodies in Western Bulgaria. <i>Ecologia Balkanica</i> , Vol.16, Issue 2, 221-230.( <b>Scopus SJR for 2023 – 0.167, Q4</b> ). ISSN: 1314-0213 (print) ISSN: 1313-9940 (online)                                                               | 30 | 3 | 10  |
| Г7_15                                                            | Hristov, B., Ilieva, K., <b>Petrova, K.</b> , Grigorova-Pesheva, B., Kuncheva, G. Spatial distribution and variability of soil agrochemical properties in Botevgrad valley.2024. BIO Web of Conferences, Vol. 122, 01015(2024) EE&AE 2024, 1-8. DOI: <a href="https://doi.org/10.1051/bioconf/202412201015">https://doi.org/10.1051/bioconf/202412201015</a> .( <b>Web of Science-CABI</b> ). eISSN: 2117-4458 | 30 | 5 | 6   |
| Г7_16                                                            | Grigorova-Pesheva, B., <b>Petrova, K.</b> 2025. Analysis of some soil microbial characteristics under Picea Abies (L.) Karsten stands in stage of decline. <i>Bulgarian Journal of Agricultural Science</i> . 04. In print. ISSN 1310-0351 - print. ISSN 2534-983X – online, приложена е бележка под печат.                                                                                                    | 30 | 2 | 15  |
| Г7_17                                                            | Malinova, D., <b>Petrova, K.</b> 2025. Study of forest landscape on the territory of Pirin National Park in relation to soil health. <i>Bulgarian Journal of Soil Science</i> , Vol.10, Issue 1, 24-30. ( <b>Web of Science-CABI</b> ). ISSN- 2534-8787 (print), ISSN 2367-9212 (online).                                                                                                                      | 30 | 2 | 15  |
| <b>ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „Г“ (минимум 200 т.) 212</b> |                                                                                                                                                                                                                                                                                                                                                                                                                |    |   |     |
| Д                                                                | Цитирания или рецензии в научни издания, реферирани и индексирани в световноизвестни бази данни с научна информация или в монографии и колективни томове.                                                                                                                                                                                                                                                      | 15 |   |     |
|                                                                  | 1. Ravalova-Trajkova E., Grigorova-Pesheva, B., <b>Petrova, K.</b> 2023. Soil loss assessment by applying IntErgo Model. <i>Forest Science, Special Issue</i> , 2023, 41-46.                                                                                                                                                                                                                                   |    |   |     |
| 1.1                                                              | <b>Питирана в:</b> Ouallali, A., Kader, S., Vamthou, Y., Apnou, M., Courba, S., Veroho, M., Briak, H., Spalevic, V., Kurigi, A., Nysa, A. 2024. Assessment of the Erosion and Outflow Intensity in the Rif Region under Different Land Use and Land Cover Scenarios. <i>Land</i> , 2024, 13, 141. <a href="https://doi.org/10.3390/land13020141">https://doi.org/10.3390/land13020141</a>                      | 15 |   | 15  |
| 1.2                                                              | <b>Питирана в:</b> Enmajj, H., Ouakhtir, H., Abahmour, M., Spalevic, V., Dudic, B. 2024. Impact of watershed management practices on vegetation, land use changes, and soil erosion in River                                                                                                                                                                                                                   | 15 |   | 15  |



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|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--|-----|
|                                                      | Basins of the Atlas, Morocco. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 52(1), 13567. <a href="https://doi.org/10.15835/nbha52113567">https://doi.org/10.15835/nbha52113567</a>                                                                                                                                                                                                |    |  |     |
| 1.3                                                  | Цитирана в: Marković, R. S., Radivojević, A. R., Gocić, M., Lukić, T., Spalević, V., Cernansky, S., Dudić, B. 2024. Analysis of land use changes and soil erosion using the EPM-IntEro model in the Sokobanja Basin, Serbia. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 52(3), 14071. <a href="https://doi.org/10.15835/nbha52314071">https://doi.org/10.15835/nbha52314071</a> | 15 |  | 15  |
|                                                      | 2. Hristov, B., Петрова, К., Pavlov, P., Grigorova-Pesheva, B., Uzunov, L. 2021. Research of Cambisols in Western Balkan Mountains. Ecologia Balkanica, vol. 13(2):135-143.                                                                                                                                                                                                            |    |  |     |
| 2.1                                                  | Цитирана в: Stoeva, L., Zhiyanski, M. 2024. Comparative assessment of SoilGrids system with regional soil data for advancing ecosystem reporting in Bulgaria. One Ecosystem 9: e133091.                                                                                                                                                                                                | 15 |  | 15  |
|                                                      | 3. Malinova L., К. Петрова. 2019. Petrohan Training and Experimental Forest Range Cambisols classification. Forestry Ideas, vol.25, № 1 (57): 147-160.                                                                                                                                                                                                                                 |    |  |     |
| 3.1.                                                 | Цитирана в: Anev, Sv.2024.Light acclimation of European beech (Fagus sylvatica L.) saplings after canopy destruction.Forestry Ideas, 2024, vol. 30, No 1 (67): 66–78.                                                                                                                                                                                                                  | 15 |  | 15  |
| 3.2.                                                 | Цитирана в: Marinova, A., Anev, Sv.2024.Impact of silvicultural interventions on growth and survival of Fagus sylvatica L. saplings. Forestry Ideas, 2024, vol. 30, No 2 (68): 221–232.                                                                                                                                                                                                | 15 |  | 15  |
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| ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „Д“ (минимум 50 т.) |                                                                                                                                                                                                                                                                                                                                                                                        |    |  |     |
| Общ брой точки:                                      |                                                                                                                                                                                                                                                                                                                                                                                        |    |  | 90  |
|                                                      |                                                                                                                                                                                                                                                                                                                                                                                        |    |  | 554 |

Дата: 21 МАЙ 2025 Г.

Подпис на кандидата: 

/г-л. ас. д-р Камелия Георгиева Петрова/