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Articles in peer-reviewed journals - 82

1. Skubel, S. A., X. Su, A. Poulev, L. C. Foxcroft, V. **Dushenkov** and I. Raskin (2020). "Metabolomic differences between invasive alien plants from native and invaded habitats." Scientific Reports **10**(1): 9749.
2. Satorov, S., F. Mirzoeva, S. Kurbonbekova, S. Satorov, M. Vakhidova and V. **Dushenkov** (2020). "Antibacterial, antifungal, antioxidant activity and polyphenol content of aerial parts and bulbs of *Allium schugnanicum*." Vestnik Avitsenny [Avicenna Bulletin] **1**: 98-105.
3. Yuldasheva, S., S. Satorov, S. Satorov and V. **Dushenkov** (2019). "Etiology and Clinical Patterns of Uveitis at Three Ophthalmic Clinics in Tajikistan." Journal of Dental and Medical Sciences (IOSR-JDMS) **18**(9Ser.11): 85-91.
4. Satorov, S., F. Mirzoeva, S. Satorov, M. Vakhidova and V. **Dushenkov** (2019). "Comparative characteristics of antibacterial activity of plants growing in the central part of the Republic of Tajikistan." Vestnik Avitsenny [Avicenna Bulletin] **21**(4): 643-654.
5. Skubel, S. A., V. **Dushenkov**, B. L. Graf, Q. Niu, A. Poulev, H. Kalariya, L. C. Foxcroft and I. Raskin (2018). "Rapid, field-deployable method for collecting and preserving plant metabolome for biochemical and functional characterization." PLoS ONE **13**(9): e0203569.
6. Kurbonbekova, S., D. Navruzshoev, A. Mirzorahimov, G. Miravalova, S. Satorov, M. Vakhidova and V. **Dushenkov** (2018). "Polyphenolic content and antioxidant capacity of *Artemisia santolinifolia* at different developmental stages." Austria-science **16**(1): 6-11.
7. Miravalova, G., S. Kurbonbekova, S. Satorov, A. Mirzorahimov, D. Navruzshoev, V. **Dushenkov** and M. Vakhidova (2017). "Polyphenols content and antioxidant activity of *Artemisia sieversiana* willd. in Western Pamir." American Scientific Journal **16**(1): 55 - 59.
8. Ostrin, Z. and V. **Dushenkov** (2017). "Pulling the Plug on Microscopes in the Anatomy and Physiology Laboratory." HAPS Educator **21**(2): 112-118.
9. Sharofova, M., Y. Nuraliev, P. Sukhrobov, S. Sagdieva and V. **Dushenkov** (2017). "Can Avicenna Help Manage the Diabetes Epidemic in Central Asia?" Central Asian Journal of Medical Sciences **3**(3): 200-220.
10. Ostrin, Z. and V. **Dushenkov** (2016). "The pedagogical value of mobile devices and content-specific application software in the A&P laboratory." HAPS Educator **20**(4): 97-103.

11. Degteva, S. V., V. I. Ponomarev, S. W. Eisenman and V. **Dushenkov** (2015). "Striking the balance: Challenges and perspectives for the protected areas network in northeastern European Russia." Ambio **44**(6): 473-490.
12. Turmagambetova, A. S., N. S. Sokolova, A. P. Bogoyavlenskiy, V. E. Berezin, M. A. Lila, D. M. Cheng and V. **Dushenkov** (2015). "New functionally-enhanced soy proteins as food ingredients with anti-viral activity." VirusDisease **26**(3): 123-132.
13. Bogoyavlenskiy, A. P., A. S. Turmagambetova, M. S. Alexyuk, V. E. Berezin, V. M. **Dushenkov** and I. Raskin (2013). "The influence of immobilized cranberry polyphenols on the influenza virus." News of the national academy of sciences of the Republic of Kazakhstan. Series of biological and medical. **4**(298): 170-174 (In Russian).
14. Bogoyavlenskiy, A. P., A. S. Turmagambetova, N. S. Sokolova, V. M. **Dushenkov**, V. E. Berezin and I. Raskin (2013). "New treatment of nosocomial infections with Nutrasorb™ sorbent." International journal of applied and fundamental research. (9): 24-25 (in Russian).
15. Pan, M.-H., C.-S. Lai, S. **Dushenkov** and C.-T. Ho (2009). "Modulation of Inflammatory Genes by Natural Dietary Bioactive Compounds." Journal of Agricultural and Food Chemistry **57**(11): 4467-4477.
16. Sergeev, I. N., S. Li, C.-T. Ho, N. E. Rawson and S. **Dushenkov** (2009). "Polymethoxyflavones Activate Ca²⁺-Dependent Apoptotic Targets in Adipocytes." Journal of Agricultural and Food Chemistry **57**(13): 5771-5776.
17. Wu, H., S. **Dushenkov**, C.-T. Ho and S. Sang (2009). "Novel acetylated flavonoid glycosides from the leaves of *Allium ursinum*." Food Chemistry **115**(2): 592-595.
18. **Dushenkov**, V. and I. Raskin (2008). "New strategy for the search of natural biologically active substances." Russian Journal of Plant Physiology **55**(4): 564-567.
19. Lai, C.-S., S. Li, C.-Y. Chai, C.-Y. Lo, S. **Dushenkov**, C.-T. Ho, M.-H. Pan and Y.-J. Wang (2008). "Anti-inflammatory and antitumor promotional effects of a novel urinary metabolite, 3',4'-didemethylnobiletin, derived from nobiletin." Carcinogenesis **29**(12): 2415-2424.
20. Li, S., C.-Y. Lo, S. **Dushenkov** and C.-T. Ho (2008). "Polymethoxyflavones: chemistry, biological activity, and occurrence in orange peel." ACS Symposium Series **987**(Dietary Supplements): 191-210.
21. Li, S., C.-Y. Lo, S. **Dushenkov** and C.-T. Ho (2008). "Isolation and purification of polymethoxyflavones as substrates for efficacy studies." ACS Symposium Series **987**(Dietary Supplements): 211-215.
22. Li, S., D. Tan, S. **Dushenkov** and C.-T. Ho (2008). "Polymethoxyflavones: metabolite identification and pathway." ACS Symposium Series **987**(Dietary Supplements): 216-232.
23. Li, S., Y. Wang, S. **Dushenkov** and C.-T. Ho (2008). "Bioavailability of polymethoxyflavones." ACS Symposium Series **987**(Dietary Supplements): 233-245.
24. Pan, M.-H., J.-H. Gao, C.-S. Lai, Y.-J. Wang, W.-M. Chen, C.-Y. Lo, M. Wang, S. **Dushenkov** and C.-T. Ho (2008). "Antitumor activity of 3,5,4'-trimethoxystilbene in COLO 205 cells and xenografts in SCID mice." Molecular carcinogenesis **47**(3): 184-196.
25. Li, S., C.-Y. Lo, M.-H. Pan, I. N. Sergeev, S. **Dushenkov** and C.-T. Ho (2007). "The source and biological activity of hydroxylated polymethoxyflavones." Abstracts of Papers, 234th ACS National Meeting, Boston, MA, United States, August 19-23, 2007: AGFD-234.
26. Li, S., M.-H. Pan, C.-S. Lai, C.-Y. Lo, S. **Dushenkov** and C.-T. Ho (2007). "Isolation and syntheses of polymethoxyflavones and hydroxylated polymethoxyflavones as inhibitors of HL-60 cell lines." Bioorganic & Medicinal Chemistry **15**(10): 3381-3389.
27. Pan, M.-H., Y.-S. Lai, C.-S. Lai, Y.-J. Wang, S. Li, C.-Y. Lo, S. **Dushenkov** and C.-T. Ho (2007). "5-Hydroxy-3,6,7,8,3',4'-hexamethoxyflavone Induces Apoptosis through Reactive Oxygen Species Production, Growth Arrest and DNA Damage-Inducible Gene 153 Expression, and Caspase Activation in Human Leukemia Cells." Journal of Agricultural and Food Chemistry **55**(13): 5081-5091.
28. Sergeev, I. N., C.-T. Ho, S. Li, J. Colby and S. **Dushenkov** (2007). "Apoptosis-inducing activity of hydroxylated polymethoxyflavones and polymethoxyflavones from orange peel in human breast cancer cells." Molecular Nutrition & Food Research **51**: 1478-1484.
29. Evans, D. A., J. B. Hirsch and S. **Dushenkov** (2006). "Phenolics, inflammation, and nutrigenomics." Journal of the Science of Food and Agriculture **86**(15): 2503-2509.

30. Ho, C.-T., S. Li, M.-H. Pan, C.-Y. Lo and S. **Dushenkov** (2006). "Bioactive hydroxylated polymethoxyflavones from citrus processing by-products." Abstracts of Papers, 232nd ACS National Meeting, San Francisco, CA, United States, Sept. 10-14, 2006: AGFD-058.
31. Huang, M.-T., Y. Liu, D. Ramji, C.-Y. Lo, G. Ghai, S. **Dushenkov** and C.-T. Ho (2006). "Inhibitory effects of black tea theaflavin derivatives on 12-O-tetradecanoylphorbol-13-acetate-induced inflammation and arachidonic acid metabolism in mouse ears." Molecular nutrition & food research **50**(2): 115-122.
32. Sergeev, I. N., S. Li, J. Colby, C.-T. Ho and S. **Dushenkov** (2006). "Polymethoxylated flavones induce Ca²⁺-mediated apoptosis in breast cancer cells." Life Sciences **80**(3): 245-253.
33. Barocsi, A., Z. Csintalan, L. Kocsanyi, S. **Dushenkov**, J. M. Kuperberg, R. Kucharski and P. I. Richter (2003). "Optimizing phytoremediation of heavy metal-contaminated soil by exploiting plants' stress adaptation." International Journal of Phytoremediation **5**(1): 13-23.
34. **Dushenkov**, S. (2003). "Trends in phytoremediation of radionuclides." Plant and Soil **249**(1): 167-175.
35. **Dushenkov**, S., M. Skarzhinskaya, K. Glimelius, D. Gleba and I. Raskin (2002). "Bioengineering of a phytoremediation plant by means of somatic hybridization." International Journal of Phytoremediation **4**(2): 117-126.
36. **Dushenkov**, V. and I. Raskin (2000). "Phytoremediation: "green" revolution in ecology." Agro XXI(9): 20.
37. Leizer, C., D. Ribnicky, A. Poulev, S. **Dushenkov** and I. Raskin (2000). "The composition of hemp seed oil and its potential as an important source of nutrition." Journal of Nutraceuticals, Functional & Medicinal Foods **2**(4): 35-53.
38. Blaylock, M. J., M. P. Elless, J. W. Huang and S. M. **Dushenkov** (1999). "Phytoremediation of lead-contaminated soil at a New Jersey brownfield site." Remediation **9**(3): 93-101.
39. Blaylock, M. J., J. W. Huang, M. P. Elless, S. **Dushenkov** and C. Orser (1999). "Optimizing metal uptake and accumulation in plants." Book of Abstracts, 217th ACS National Meeting, Anaheim, Calif., March 21-25: BIOT-042.
40. **Dushenkov**, S., A. Mikheev, A. Prokhnevsky, M. Ruchko and B. Sorochinsky (1999). "Phytoremediation of radiocesium-contaminated soil in the vicinity of Chernobyl, Ukraine." Environ. Sci. Technol. **33**(3): 469-475.
41. **Dushenkov**, V. and I. Raskin (1999). "Phytoremediation: a new green revolution in ecology." Chemistry and Life(11-12): 48-49.
42. Gleba, D., N. V. Borisjuk, L. G. Borisjuk, R. Kneer, A. Poulev, M. Skarzhinskaya, S. **Dushenkov**, S. Logendra, Y. Y. Gleba and I. Raskin (1999). "Use of plant roots for phytoremediation and molecular farming." Proc. Nat. Acad. Sci. USA **96**(11): 5973-5977.
43. Malkowski, E., A. Sas-Nowosielska, M. Pogrzeba, R. Kucharski, J. M. Kuperberg, S. **Dushenkov** and R. Gorecki (1999). "Effect of agents stimulating opening or closing of stomata on Pb and Cd accumulation in shoots of plants. The role in phytoextraction." Ochrona Srodowiska i Zasobow Naturalnych **18**: 403-411.
44. **Dushenkov**, S., D. Page and M. Fuhrmann (1998). "Evaluation of crop plants potential for the phytoextraction of ¹³⁷Cs." Warsaw '98, International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, Symposium Proceedings, 4th, Warsaw, Sept. 15-17, 1998: 417-423.
45. Kucharski, R., A. Sas-Nowosielska, S. **Dushenkov**, J. M. Kuperberg, M. Pogrzeba and E. Malkowski (1998). "Technology of phytoextraction of lead and cadmium in Poland. Problems and achievements." Warsaw '98, International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, Symposium Proceedings, 4th, Warsaw, Sept. 15-17, 1998: 181-184.
46. Blaylock, M. J., D. E. Salt, S. **Dushenkov**, O. Zakharova, C. Gussman, Y. Kapulnik, B. D. Ensley and I. Raskin (1997). "Enhanced accumulation of Pb in Indian mustard by soil-applied chelating agents." Environ. Sci. and Technol. **31**(3): 860-865.
47. **Dushenkov**, S., Y. Kapulnik, M. Blaylock, B. Sorochinsky, I. Raskin and B. Ensley (1997). "Phytoremediation: a novel approach to an old problem." Studies in Environmental Science **66**(Global Environmental Biotechnology): 563-572.

48. **Dushenkov**, S., D. Vasudev, Y. Kapulnik, D. Gleba, D. Fleisher, K. C. Ting and B. Ensley (1997). "Removal of uranium from water using terrestrial plants." Environ. Sci. Technol. **31**(12): 3468-3474.
49. Grodzinskii, D. M., S. **Dushenkov**, A. N. Mikheev, A. I. Prokhnevskii and M. V. Ruchko (1997). "Modification of ¹³⁷Cs accessibility to plants." Dopovidi Natsional'noi Akademii Nauk Ukraini(10): 179-182.
50. Grodzinskii, D. M., S. **Dushenkov**, A. N. Mikheev, A. I. Prokhnevskii, M. V. Ruchko and B. V. Sorochinskii (1997). "Rhizofiltration as an approach to the cleanup of water contaminated with radionuclides." Dopovidi Natsional'noi Akademii Nauk Ukraini(8): 189-192.
51. Grodzinsky, D., S. **Dushenkov**, A. Mikheev, A. Prokhnevsky, M. Ruchko and B. Sorochinsky (1997). "Rhizofiltration as an approach to the cleanup of water contaminated with radionuclides." Dopovidi Natsional'noi Akademii Nauk Ukraini **8**: 189-192.
52. Grodzinsky, D., S. **Dushenkov**, A. Mikheev, A. Prokhnevsky, M. Ruchko and B. Sorochinsky (1997). "Dopovidi Natsional'noi Akademii Nauk Ukraini." Dokladi Nacionalnoi Akademii nauk Ukraini **10**: 179-182.
53. Raskin, I., M. J. Blaylock, D. E. Salt, S. **Dushenkov**, O. Zakharova, C. Gussman, Y. Kapulnik and B. D. Ensley (1997). "Enhanced Accumulation of Pb in Indian Mustard by Soil-Applied Chelating Agents." Environmental Science and Technology **31**(3): 860-865.
54. Salt, D. E., I. J. Pickering, R. C. Prince, D. Gleba, S. **Dushenkov**, R. D. Smith and I. Raskin (1997). "Metal accumulation by aquacultured seedlings of Indian mustard." Environ. Sci. and Technol. **31**(6): 1636-1644.
55. **Dushenkov**, V., N. P. B. A. Kumar, H. Motto and I. Raskin (1995). "Rhizofiltration: the use of plants to remove heavy metals from aqueous streams." Environ. Sci. Technol. **29**: 1239-1245.
56. **Dushenkov**, V., P. B. A. N. Kumar, H. Motto and I. Raskin (1995). "Rhizofiltration: The Use of Plants to Remove Heavy Metals from Aqueous Streams." Environmental Science and Technology **29**(5): 1239-1245.
57. Kumar, N. P. B. A., V. **Dushenkov**, H. Motto and I. Raskin (1995). "Phytoextraction: the use of plants to remove heavy metals from soils." Environ. Sci. Technol. **29**: 1232-1238.
58. Kumar, P. B. A. N., V. **Dushenkov**, H. Motto and I. Raskin (1995). "Phytoextraction: the use of plants to remove heavy metals from soils." Environmental Science and Technology **29**(5): 1232-1238.
59. Salt, D. E., M. Blaylock, N. P. B. A. Kumar, V. **Dushenkov**, B. D. Ensley, I. Chet and I. Raskin (1995). "Phytoremediation: a novel strategy for the removal of toxic metals from the environment using plants." Bio/Technology **13**(5): 468-474.
60. **Dushenkov**, S., P. B. A. N. Kumar and I. Raskin (1994). "Phytoremediation potential of crop plants." Supplement to Plant Physiology **105**(1): 43.
61. Kumar, P. B. A. N., S. **Dushenkov**, D. E. Salt and I. Raskin (1994). "Crop Brassicas and phytoremediation - a novel environmental technology." Cruciferae Newsletter **16**: 18-19.
62. Raskin, I., P. B. A. N. Kumar, S. **Dushenkov** and D. E. Salt (1994). "Bioconcentration of heavy metals by plants." Current Opinion in Biotechnology **5**(3): 285-290.
63. Salt, D. E., P. B. A. N. Kumar, S. **Dushenkov** and I. Raskin (1994). "Phytoremediation: A new technology for the environmental cleanup of toxic metals." Resour. Conserv. Environ. Technol. Metall. Ind., Proc. Int. Symp.: 381-384.
64. **Dushenkov**, V. M. (1993). "Organizing and conducting biological olympiads." Pedagogicheskoe obrazovanie **7**: 49-54.
65. **Dushenkov**, V. M. (1993). "Biological Olympiads in the USSR." The American Biology Teacher **55**(7): 399-404.
66. **Dushenkov**, V. M. (1992). "A new approach to teaching science in Russian secondary schools." Science Education International **3**(2): 14-17.
67. Anastasova, L. P., V. M. **Dushenkov**, B. D. Komissarov, V. M. Konstantinov, V. S. Kuchmenko, V. V. Latushin, A. I. Nikishov, V. M. Pakulova, V. V. Pasechnik, I. N. Ponamoreva, V. I. Sivoglasov, D. D. Uteshinskiy and N. M. Chernova (1991). "Biological education in schools of the Russian Federation." Biology in School(4): 32-37.
68. **Dushenkov**, V. M. (1991). "Biological olympiads." Biology in School(5): 57-62.

69. **Dushenkov**, V. M. and K. V. Makarov (1991). "'Microevolution" - a personal computer program." Biology in School(6): 38-40.
70. **Dushenkov**, V. and T. Chernyakhovskaya (1989). "Carabid larvae (Coleoptera, Carabidae) in fields of agricultural crops near Moscow." Zoologicheskii Zhurnal **68**(11): 48-55.
71. **Dushenkov**, V. M. and T. A. Chernykhovskaya (1989). "Larvae of ground beetles (Coleoptera, Carabidae) on agricultural fields near Moscow." Zool. Zh. **68**(11): 48-55.
72. **Dushenkov**, V. M. and L. R. Mustapha (1989). "Introducing a new textbook." Biology in School(6): 72-73.
73. **Dushenkov**, V. M. and E. M. Kozodoi (1988). "The distribution of Staphylinids (Coleoptera, Staphylinidae) in the fields with various crop types in the south of Moscow region." Biologicheskie nauki(9): 32-34.
74. **Dushenkov**, V. M. and A. I. Dushenkova (1987). "On the pilot textbook "General Biology"." Biology in School(2): 75-76.
75. **Dushenkov**, V. M. (1986). "Seasonal dynamics in the spectrum of beetle (Coleoptera, Carabidae) life forms on cultivated lands in Moscow region." Sov. J. Ecol. **16**(4): 224-228.
76. **Dushenkov**, V. M. (1985). "Seasonal dynamics of the spectrum of beetle (Coleoptera, Carabidae) life forms on cultivated lands in the Moscow region." Sov. J. Ecol. **16**(4): 224-228.
77. **Dushenkov**, V. M. (1985). "Seasonal changes in ground beetles (Coleoptera, Carabidae) life forms spectrum in arable lands of Moscow region." Ecology(4): 39-44.
78. **Dushenkov**, V. M. (1984). "Structural peculiarities of the population of ground beetles (Coleoptera, Carabidae) on the cultivated lands of the Moscow district." Zool. Zh. **63**(12): 1814-1821.
79. **Dushenkov**, V. M. (1983). "Basic mechanisms in the composition of ground beetle (Coleoptera, Carabidae) complexes in agrocenoses." Dokl. Biol. Sci. N.Y. **265**(1-6): 460-462.
80. **Dushenkov**, V. M. (1983). "All-Union meeting "Formation of animal and microbial population of agrocenoses"." Zh. obsch biol **44**(3): 428-430.
81. **Dushenkov**, V. M. (1982). "The principal laws of the formation of ground beetle (Coleoptera, Carabidae) complexes in agrocenoses." Dokl. Acad. Nauk SSSR **265**(1): 250-252.
82. Feoktistov, V. F. and V. M. **Dushenkov** (1982). "Seasonal dynamics of activity of the ground beetles (Coleoptera, Carabidae) in forests of different types at the southern taiga boundary." Zool. Zh. **61**(2): 27-232.

Books and book sections - 31

1. **Dushenkov**, V. (2016). Biodiversity of medicinal plants in the highlands: problems and perspectives. The state of biological resources in mountain regions in relation to climate change. M. M. Yakubova. Khorog, Tajikistan Donish, Dushanbe, Tajikistan: 191-192.
2. **Dushenkov**, V., B. L. Grag and M. A. Lila (2016). Botanical therapeutics in the modern world. Biological characteristics of medicinal and aromatic plants and role of these plants in medicine N. I. Sidelnikov. Moscow, Russia FGBNU, VILAR: 50-54.
3. Wu, J.-C., C.-S. Lai, S. **Dushenkov**, Y.-J. Wang, C.-T. Ho and M.-H. Pan (2013). Impact on Epigenetics in Cancer Chemoprevention by Natural Dietary Compounds Nutrition, Functional and Sensory Properties of Foods. C.-T. Ho, C. Mussinan, F. Shahidi and E. T. Contis. Cambridge, UK, Royal Society of Chemistry: 243-250.
4. **Dushenkov**, S. and Y. Kapulnik (2000). Phytoremediation of metals. Phytoremediation of toxic metals: using plants to clean up the environment. I. Raskin. New York, NY, Wiley-interscience, John Wiley and Sons, Inc.: 89-106.
5. **Dushenkov**, V. M. and K. V. Makarov (2000). Summer field training course in invertebrate zoology. Moscow, Academia.
6. Sorochinsky, B. V., S. **Dushenkov**, A. N. Mikheev, M. V. Ruchko and A. I. Prokhnevsky (1998). Decontamination of small ponds in Chernobyl exclusion zone by rhizofiltration. Problems of Chernobyl exclusion zone. Kiev. **5**: 97-102.

7. **Dushenkov, S.**, Y. Kapulnik, M. Blaylock, B. Sorochinsky, I. Raskin and B. Ensley (1997). Phytoremediation: a novel approach to an old problem. Global Environmental Biotechnology. D. L. Wise. Amsterdam, Elsevier Science B.V.: 563-572.
8. Sorochinsky, B., S. **Dushenkov**, A. Mikheev, A. Prokhnevsky and M. Ruchko (1997). Decontamination of shell water bodies of 10 kilometers ChNPP zone using rhizofiltration. Problemi Chernobilskoj zoni otchuzdeniya. Kiev. **5**: in press.
9. Komissarov, B. D., V. I. Sivoglasov and V. M. **Dushenkov** (1993). Russian standards for school education in biology. Basic level. Moscow, Institute obshchego obrazovania.
10. **Dushenkov, V. M.** and T. A. Chernykhovskaya (1990). Ground beetles larvae in the arable lands of Moscow region. Structure and dynamics of populations of soil and terrestrial invertebrates. Moscow, MGPI: 84-98.
11. **Dushenkov, V. M.** and M. E. Chernykhovskiy (1990). Darwinism. Moscow, Prometei.
12. **Dushenkov, V. M.** and A. I. **Dushenkov** (1990). Check yourself (500 biological tests). Moscow, Ecologia i obrazovanie.
13. **Dushenkov, V. M.** and E. V. Lukina (1990). The impact of natural and anthropogenic factors on *Pterostichus oblongopunctatus* F. (Coleoptera, Carabidae) population fenetic structure. Structure and dynamics of populations of soil and terrestrial invertebrates. Moscow, MGPI: 73-84.
14. **Dushenkov, V. M.** and M. E. Chernykhovskiy (1988). Darwinism. Laboratory manual. Moscow, MGPI.
15. **Dushenkov, V. M.**, V. G. Matveeva and M. E. Chernykhovskiy (1987). Manual for the invertebrate zoology classes. Moscow, MGPI.
16. **Dushenkov, V. M.** (1986). Urban ecology. Moscow, NIISIMO.
17. **Dushenkov, V. M.** (1986). The structure of carabid population in the wheat field. Biocenosis of wheat field. N. M. Chernova. Moscow, Nauka: 102-107.
18. **Dushenkov, V. M.** (1986). Manual for field invertebrate zoology. Moscow, MGPI.
19. **Dushenkov, V. M.** (1986). The effect of collection methods on the capture of ground beetles (Coleoptera, Carabidae) life forms. Ecology of terrestrial and soil arthropods life forms. Moscow, MGPI: 25-32.
20. **Dushenkov, V. M.**, V. G. Matveeva and M. E. Chernykhovskiy (1986). Laboratory manual for invertebrate zoology. Moscow, MGPI.
21. **Dushenkov, V. M.**, V. G. Matveeva and M. E. Chernykhovskiy (1986). Invertebrate zoology. Laboratory manual. Moscow, MGPI.
22. **Dushenkov, V. M.**, E. L. Solnceva and C. M.N. (1986). Invertebrate zoology field practice. Moscow, Prosveschenie: 15-30.
23. Sharova, I. C. and V. M. **Dushenkov** (1986). Zones regularities in changing of ground beetles (Coleoptera, Carabidae) life forms in agrocenoses. Ecology of terrestrial and soil arthropods life forms. Moscow, MGPI: 32-38.
24. Stepanian, E. N., V. M. **Dushenkov**, V. V. Titova and E. M. Alexsakhina (1986). Laboratory practicum in zoology with the basics of animal ecology. Moscow, Prosveschenie.
25. **Dushenkov, V. M.** (1984). Seasonal changes in carabids activity in agrocenoses. Fauna and ecology of invertebrates. Moscow, MGPI: 69-76.
26. **Dushenkov, V. M.** and T. A. Chernykhovskaya (1984). Mesorelief impact on ground beetles distribution. Fauna and ecology of invertebrates. Moscow, MGPI: 77-81.
27. **Dushenkov, V. M.** (1983). On the carabid (Coleoptera, Carabidae) fauna of Moscow City. Fauna and ecology of soil fauna of Moscow Region. Moscow, Nauka: 111-112.
28. **Dushenkov, V. M.** (1983). Fauna and ecology of ground beetles (Coleoptera, Carabidae) in the arable lands in Central Netchernozemie. Moscow, MGPI.
29. **Dushenkov, V. M.** (1982). Impact of soil properties on the carabids (Coleoptera, Carabidae) population of the rye field. Anthropogenic impact on the soil fauna. Moscow, MGPI: 81-86.
30. **Dushenkov, V. M.** (1982). Ground beetles (Coleoptera, Carabidae) in agrocenoses of South Moscow Region. Formation of animal and microbial population in agrocenoses. Moscow, Nauka: 47.

31. Sharova, I. C. and V. M. **Dushenkov** (1979). Types of development and types of seasonal dynamic of activity of ground beetles (Coleoptera, Carabidae). Fauna and ecology of invertebrates. Moscow, MGPI: 15-25.

Published conference papers, proceedings, abstracts, or presentations - 112

1. **Dushenkov**, V. (2019). International Natural Products BioExploration for Human Health. Universitas Nasional, Jakarta, Indonesia: Keynote presentation.
2. **Dushenkov**, V. (2019). The International Center for Botanicals and Metabolic Syndrome in Tajikistan. Faculty of **Pharmacy**, Pancasila University: Presentation.
3. **Dushenkov**, V. and Z. Ostrin (2019). Promoting Student Engagement & Active Learning with Digital Devices. Bronx EdTech Showcase. Bronx, NY, CUNY.IS: 8.
4. **Dushenkov**, V., S. Satorov, M. Sharofova, Y. Nuraliev and I. Raskin (2018). Center for Botanicals and Metabolic Syndrome in Tajikistan. Fogarty International Center Chronic Diseases and Disorders Research and Research Training Networking Meeting. Rockville, MD, NIH: Poster.
5. **Dushenkov**, V. and Z. Ostrin (2018). Advantages and Challenges of Using Digital Imaging in Biology Labs. 17th Annual CUNY IT Conference, New York, New York, CUNY.
6. **Dushenkov**, V. (2018). Methods of an early lead discovery in botanical therapeutics. Plants and Human Health. Dushanbe, Tajikistan, Avicenna Tajik State Medical University: Workshop.
7. **Dushenkov**, V. (2018). Medicinal plants in the modern world. Medicinal Garden Florham Park, NY, The Fairleigh Dickinson University School of Pharmacy: Keynote presentation.
8. **Dushenkov**, V. (2018). Intellectual property protection in biotechnology. Moscow, Russia, Faculty of Biology, Lomonosov Moscow State University: Presentation.
9. **Dushenkov**, V. (2018). Implementation science. Plants and Human Health. Dushanbe, Tajikistan, Avicenna Tajik State Medical University: Workshop.
10. **Dushenkov**, V. (2018). Developing effective botanical therapeutics research training in Tajikistan. Plants and Human Health. Dushanbe, Tajikistan, Avicenna Tajik State Medical University: Presentation.
11. **Dushenkov**, V. and Z. Ostrin (2018). The Pedagogical Value of Mobile Devices and Content-Specific Application Software in the A&P Laboratory. CUNY Community College Faculty Development Workshop. New York, New York, John Jay College: Poster.
12. Ostrin, Z. and V. **Dushenkov** (2018). Using Virtual Microscopy to Teach Anatomy & Physiology. Bronx EdTech Showcase. Bronx, NY, CUNY.IS: 11.
13. Ostrin, Z. and V. **Dushenkov** (2018). Using Mobile Technology in the Anatomy and Physiology Lab. EdTech Innovations, Bronx, NY, Hostos Community College.
14. Ostrin, Z. and V. **Dushenkov** (2018). Mobile devices in the A&P laboratory classroom Hostos research day. Bronx, NY, Hostos CC: Poster Presentation.
15. **Dushenkov**, V. (2017). Botanical therapeutics for metabolic syndrome prevention. The Agricultural Research Organization, Volcani Center. Bet-Dagan, Israel, The Agricultural Research Organization, Volcani Center: Presentation.
16. **Dushenkov**, V. and Z. Ostrin (2017). Striking the Balance: Mobile Devices in the Classroom. Bronx EdTech Showcase, Bronx, New York.
17. **Dushenkov**, V., S. Satorov and I. Raskin (2017). An integrated approach to botanical therapeutics research training in Tajikistan. Fogarty International Center Chronic Diseases and Disorders Research and Research Training Networking Meeting. Rockville, MD, NIH: Poster.
18. Ostrin, Z. and V. **Dushenkov** (2017). Using Virtual Microscopy to Improve Student Access and Success in A&P. 16th Annual CUNY IT Conference, New York, New York, CUNY
19. Satorov, S., C. Gurdon, A. Poulev, V. **Dushenkov** and I. Raskin (2017). Development and characterization of high phenolic lettuce varieties as anti-diabetic functional foods. Fogarty International Center Chronic Diseases and Disorders Research and Research Training Networking Meeting. Rockville, MD, NIH: Poster.
20. **Dushenkov**, V. (2016). iPad Activity in the classroom. Professional Presentation on Tools for 21st Century Learners Teaching Institute Track. , Hostos CC CUNY.

21. **Dushenkov, V.** (2016). The International research training center in Tajikistan. International Research Day New Brunswick NJ, Rutgers, The State University of New Jersey.
22. **Dushenkov, V.** (2016). In search of harmony in identifying botanical therapeutic leads. Problems of theory and practice of the modern medicine, The materials of the 64th annual scientific and practical conference of TSMU named after Avicenna with international participation.
23. **Dushenkov, V.** (2016). GIBEX current status and perspectives. Plant biology and pathology seminar New Brunswick, NJ, Rutgers, The State University of New Jersey.
24. **Dushenkov, V.** and Z. Ostrin (2016). Prospects for integrating iPad apps into the Anatomy and Physiology laboratory. Bronx EdTech Showcase, Bronx, New York.
25. **Dushenkov, V.** and Z. Ostrin (2016). The pedagogical value of mobile devices and content-specific application software in the A&P lab. Promoting excellence in the teaching of anatomy and physiology, Atlanta, Georgia, HAPS.
26. Ostrin, Z. and V. **Dushenkov** (2016). Risky Business? iPads in the Anatomy & Physiology Classroom. Coordinated Undergraduate Education (CUE): Walk the Talk, Hostos Community College, Bronx, NY.
27. Ostrin, Z. and V. **Dushenkov** (2016). Increase active learning in the anatomy lab by using mobile devices with histology and anatomy apps. Promoting excellence in the teaching of anatomy and physiology, Atlanta, Georgia, HAPS.
28. Ostrin, Z. and V. **Dushenkov** (2016). Enhance Student Learning in Anatomy & Physiology with Digital Devices. 15th annual CUNY IT Conference, John Jay College of Criminal Justice, New York, HAPS.
29. Sagdieva, S. S., M. U. Sharofova, V. M. **Dushenkov** and M. K. Umarova (2016). The influence of lifestyle on the development of diabetes mellitus. Problems of theory and practice of the modern medicine. , Dushanbe, Tajikistan, The materials of the 64th annual scientific and practical conference of TSMU named after Avicenna with international participation.
30. Sharofova, M., Y. Nuraliev, S. Sagdieva and V. M. **Dushenkov** (2016). Tactics of diabetes therapy based on the principle "the opposite to the opposite" in The Canon of Medicine" Avicenna and its relevance for modern medicine. Problems of theory and practice of the modern medicine. , Dushanbe, Tajikistan, The materials of the 64th annual scientific and practical conference of TSMU named after Avicenna with international participation.
31. Sharofova, M. U., Y. N. Nuraliev and V. M. **Dushenkov** (2016). Physico-chemical parallels and therapeutic properties of antidiabetic phytopreparations. Modern problems of phytotherapy and herbalism, Moscow, Russia, 4th International Congress of Phytotherapists and Herbalists.
32. Sharofova, M. U., Y. N. Nuraliev and V. M. **Dushenkov** (2016). On the interrelations between the phyto-chemical composition and the therapeutic properties of antidiabetic phytopreparations. Biological characteristics of medicinal and aromatic plants and role of these plants in medicine Moscow, Russia, FGBNU, VILAR.
33. **Dushenkov, V.** and Z. Ostrin (2015). Pedagogical Aspects of Using Mobile Devices in the Biology Classroom. Bronx EdTech Showcase 2015: Theme: Beyond Higher Education: Technology & Community, Bronx, NY, cuny.is/bronxedtech
34. Ostrin, Z. and V. **Dushenkov** (2015). Using Mobile Apps to Enhance Active Learning in Anatomy & Physiology Labs. Coordinated Undergraduate Education (CUE): Engaging for Impact: CUNY as a Catalyst for Change, The City College of New York.
35. **Dushenkov, V.** (2014). Salmon, Bears and People. Hostos Community College, A-Atrium. , HCC-CUNY: Photo-Exhibition
36. Ostrin, Z. and V. **Dushenkov** (2014). Digital Technology in the Anatomy & Physiology Classroom. Bronx EdTech Showcase 2014, Bronx, NY, cuny.is/bronxedtech
37. **Dushenkov, V.** (2013). The lost world of Kamchatka bears. Hostos Community College, Atrium. , HCC-CUNY: Exhibition
38. **Dushenkov, V.** (2013). Integration of field-deployable biological activity assays of native plants in teaching general biology. Engaging tribal youth in hands-on science discovery. Anchorage, AK Presentation.
39. **Dushenkov, V.** (2012). The role of integrated public education and awareness activities in the management of natural protected areas. Strengthening the Protected Area System of the Komi Republic

to Conserve Virgin Forest Biodiversity in the Pechora River Headwaters Region. Anchorage, AK Presentation.

40. **Dushenkov**, V., J. Akimaliev, K. C. Buriev, M. A. Lila, Y. Nuraliev, G. Pichkhadze, L. Struwe, J. F. White, G. J. Zylstra and I. Raskin (2008). The role of the ICBG program in building new pharmaceutical capabilities in Central Asia. First Congress of Phytotherapist and Phytopharmacologists of Tajikistan, Dushanbe, Tajikistan International Institute for Study of Avicenna Heritage and Pharmacology.
41. **Dushenkov**, V. and I. Raskin (2007). Global Institute for Bioexploration (GIBEX). ISTC targeted initiative DRUG DESIGN AND DEVELOPMENT. Review of ISTC Projects to date and next steps towards sustainability, Central House of Scientists. Prechistenka, 16, Moscow, Russia, ISTC.
42. **Dushenkov**, V. M., M. A. Lila and I. Raskin (2007). Global bioexploration and biodiversity conservation Ecological Characteristics of Biodiversity, Khorog, Tajikistan, Academy of Sciences of the Republic of Tajikistan
43. Struwe, L., S. **Dushenkov**, S. Eisenman, M. Tadych and I. Raskin (2007). International education in biodiversity and biodocumentation - collaborative approaches. Ecological Characteristics of Biodiversity, Khorog, Tajikistan, Academy of Sciences of the Republic of Tajikistan
44. Shiff, S., N. Marcon, D. Chen, S. Zanati, M. Cirocco and S. **Dushenkov** (2005). Neither sulindac nor orange peel extract reduce the number of aberrant crypt foci in the distal colon of westerners. Cancer Epidemiology Biomarkers & Prevention, Amer Assoc Cancer Research 615 Chestnut St, 17th Floor, Philadelphia, PA 19106-4404 USA.
45. Shiff, S. J., N. E. Marcon, D. Chen, S. Zanati, M. Cirocco and S. **Dushenkov** (2005). Orange peel extract and CRC chemoprevention: aberrant crypt foci in the human colon as a surrogate endpoint. Amer Assoc Cancer Res, Anaheim, CA, American Association of Cancer research.
46. **Dushenkov**, S. (2003). The virtues of an evolutionary biology education. Education Symposium-The Added Value of Training in Evolutionary Biology. Evolution 2003: The annual Joint Meeting of the Society for the Study of Evolution, Society of Systematic Biologists, and American Society of Naturalists, Chico, CA.
47. **Dushenkov**, S. (2002). Innovations in therapeutic agents discovery and development. Advances in Therapeutic Agents Discovery and Development, New Brunswick, NJ, Rutgers University.
48. **Dushenkov**, S. (2001). Trends in phytoremediation of radionuclides. Sixth International Conference on the Biogeochemistry of Trace Elements, Guelph, Ontario, Canada.
49. **Dushenkov**, S. M. (2001). Phytoremediation: state of the science. 2001 International Containment & Remediation Technology Conference and Exhibition, Orlando, Florida, USA.
50. Kucharski, R., A. Sas-Nowosielska, E. Malkowski, M. Pogrzeba, S. M. **Dushenkov** and J. M. Kuperberg (2001). Application of phytoremediation to lead-contaminated soils. 2001 International Containment & Remediation Technology Conference and Exhibition, Orlando, Florida, USA.
51. Sas-Nowosielska, A., R. Kucharski, M. Korcz, S. M. **Dushenkov**, J. M. Kuperberg and E. Malkowski (2001). "Strip Test " as a method for optimizing land characterization for phytoremediation of heavy metals. 2001 International Containment & Remediation Technology Conference and Exhibition, Orlando, Florida, USA.
52. **Dushenkov**, S. (2000). Phytoremediation of radionuclides. Soilrem 2000. International conference on soil remediation, Hangzhou, China, Institute of soil science CAS (ISSCAS).
53. **Dushenkov**, S., M. Skarzhinskaya, D. Gleba and I. Raskin (2000). Bioengineering a phytoremediation plant. Fifth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, Prague, Florida State University.
54. Galimska-Stypa, R., J. Radziejewska-Lebrecht, A. Sas-Nowosielska, R. Kucharski and S. **Dushenkov** (2000). Microbiological changes in heavy metal contaminated soil during phytoextravtion. Fifth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, Prague, Florida State University.
55. Galimska-Stypa, R., A. Sas-Nowosielska, R. Kucharski and S. **Dushenkov** (2000). Ecological risk caused by application of EDTA to soil. Fifth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, Prague, Florida State University.

56. Kuperberg, J. M., C. M. Teaf, S. **Dushenkov**, C. Negri, R. Kucharski, A. Sas-Nowosielska and M. Kolta (2000). Phytoremediation - risk-based evaluation. Fifth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, Prague, Florida State University.
57. **Dushenkov**, S. (1999). Evaluation of the phytoremediation potential of industrial hemp. XVI International Botanical Congress, St. Louis, USA.
58. Huang, J. W., Blaylock, M.J. , M. P. Elless and S. **Dushenkov** (1999). Hydroponic culture of Brassica juncea enriched with micronutrients essential to human nutrition. 1999 Annual Meeting Abstracts of the American Society of Agronomy, Crop Science Society of America, and the Soil Science Society of America, Salt Lake City, Utah.
59. **Dushenkov**, S. (1998). The use of crop plants in phytoremediation of radionuclide contaminated soil and water. Phytoremediation and Biomass Energy Conversion Workshop, Slavutyeh, Ukraine, Office of Scientific and Technical information, DOE.
60. **Dushenkov**, S. and M. Fuhrmann (1998). Evaluation of potencial of crop plants for phytoextraction of ¹³⁷Cs. Fourth international symposium and exhibition on the environmental contamination in Central and Eastern Europe, Warsaw, Poland.
61. **Dushenkov**, S. M. (1998). Ecological risk management and phytoremediation technology. Ecological Society of America, 83rd Annual Meeting, Baltimore.
62. Elles, M. P., M. J. Blaylock, V. **Dushenkov** and J. W. Huang (1998). Factors affecting the bioavailability of Pb from contaminated soils. American Society of Agronomy, Annual meeting, Baltimor, Maryland.
63. Kucharski, R., L. L. Gray, J. M. Kuperberg and S. **Dushenkov** (1998). A case study: application of phytoremediation to heavy metal-contaminated soils, Katowice, Poland. Fourth international symposium and exhibition on the environmental contamination in Central and Eastern Europe, Warsaw, Poland.
64. Kucharski, R., A. Sas-Nowosielska, S. **Dushenkov**, M. Pogrzeba, J. M. Kuperberg and E. Malkowski (1998). Comparison of potential for Pb and Cd removal from contaminated soil by local and introduced cultivars of crop plants species. Fourth international symposium and exhibition on the environmental contamination in Central and Eastern Europe, Warsaw, Poland.
65. Ruchko, M., B. Sorochinsky, A. Mikheev, A. Prokhnevsky and S. **Dushenkov** (1998). The use of phytotechnology for clean-up of polluted aquatic systems. Fourth international symposium and exhibition on the environmental contamination in Central and Eastern Europe, Warsaw, Poland.
66. Blaylock, M. J., J. W. Huang, S. **Dushenkov**, M. P. Elless and C. M. Buzgo (1997). Reducing phytoremediation to practice: induction of hyperaccumulation on-site. American Society of Agronomy Annual Meetings, Anaheim, CA.
67. **Dushenkov**, S. (1997). Plant-Assisted Removal of Chelated Heavy Metals and Radionuclides from Water, Phytotech, Inc., 1 Deer Park Dr., Suite I, Monmouth Junction, NJ 08852, NSF Grant No. 9560603.
68. **Dushenkov**, S. and C. Orser (1997). Modern trends in phytoremediation. The state of our estuaries. 14th biennial estuarine research federation international conference, Providence, RI.
69. Sorochinsky, B., A. Mikheev, M. Ruchko, A. Prokhnevsky and S. **Dushenkov** (1997). Plant technologies for the clean-up of soils and water contaminated with heavy metals and radionuclides. The society for experimental biology, Annual meeting. Abstracts in animal and cell biology, University of Kent, Canterbury.
70. Blaylock, M. J., S. **Dushenkov**, D. Page, G. Montes, C. N. Vasudev and Y. Kapulnik (1996). Phytoremediation of a Pb contaminated Brownfield site in New Jersey. I&EC Special Symposium - Emerging Technologies in Hazardous Waste Management VIII, American Chemical Society, Birmingham, AL.
71. Blaylock, M. J., C. Gussman, T. Ledder, O. Zakharova, Y. Smirnova, J. W. Huang, Y. Kapulnik and S. **Dushenkov** (1996). Phytoextraction of lead and cadmium contaminated soils. American Society of Agronomy Annual Meetings, Indianapolis, IN.
72. **Dushenkov**, S., Y. Kapulnik, I. Raskin and B. Ensley (1996). Phytoremediation: a novel approach to an old problem. Global Environmental Biotechnology. Approaching the 2000, Boston, Northeastern University.

73. Raskin, I., D. Gleba, R. Smith, D. E. Salt, S. **Dushenkov**, Y. Kapulnik and B. Ensley (1996). Using plant seedlings to remove heavy metals from water. Plant Physiology.
74. Ensley, B., V. **Dushenkov**, I. Raskin and D. E. Salt (1995). Rhizofiltration: a new technology to remove heavy metals from aqueous streams. New remediation technology in the changing environmental arena, Littleton, Colorado, Society for Mining, Metallurgy, and Exploration, Inc.
75. Kumar, N. P. B. A., V. **Dushenkov**, B. D. Ensley and I. Raskin (1995). The use of crop Brassicas in phytoextraction: a subset of phytoremediation to remove toxic metals from soils. 19th International Rapeseed Congress. Rapeseed today and tomorrow.
76. Raskin, I., S. **Dushenkov**, N. P. B. A. Kumar and D. Salt (1995). Rhizofiltration - using plants for remediation of heavy metals in water. Will plants have a role in bioremediation? Current topics in plant biochemistry, physiology and molecular biology, University of Missouri.
77. **Dushenkov**, S., P. B. A. N. Kumar and I. Raskin (1994). Phytoremediation potential of crop plants. Supplement to Plant Physiology.
78. Kumar, P. B. A. N., V. **Dushenkov** and I. Raskin (1994). Crop Brassicas and phytoremediation - a novel environmental technology. ISHS Symposium on Brassicas. Ninth crucifera genetic workshop, Lisbon.
79. Raskin, I., P. B. A. N. Kumar, S. **Dushenkov**, M. J. Blaylock and D. E. Salt (1994). Phytoremediation - Using plants to clean up soils and waters contaminated with toxic metals. Emerging technologies in hazardous waste management VI, Atlanta, Georgia.
80. Salt, D. E., P. B. A. N. Kumar, S. **Dushenkov** and I. Raskin (1994). Phytoremediation: A new technology for the environmental cleanup of toxic metals. International Symposium on Resource Conservation and environmental Technologies in Metallurgical Industries, Toronto, Ontario, August 20-25.
81. **Dushenkov**, V. M. (1991). Ecology and culture. Ecology and culture, Krasnoiarsk.
82. **Dushenkov**, V. M. (1991). Class Insecta. Moscow.
83. **Dushenkov**, V. M. and E. V. Dar'ina (1991). Populations of *Pterostichus oblongopunctatus* (F.) (Coleoptera, Carabidae) in the city forests. Problems of soil zoology, Novosibirsk.
84. **Dushenkov**, V. M., N. V. Gerasimova and A. V. Alekhin (1991). The distribution of myriapods in the forests of the experimental station of Timiriyev Agricultural Academy. Problems of soil zoology, Novosibirsk.
85. Nikishov, A. I. and V. M. **Dushenkov** (1991). The Russian Association of Biology Teachers and ecological education. Ecology and culture, Krasnoiarsk.
86. Sharova, I. C. and V. M. **Dushenkov** (1991). Biological strategies and methods of optimization the populations of ground beetles in the fields. 12. SIEEC, Kiev.
87. **Dushenkov**, V. M., N. V. Gerasimova and E. L. Dar'ina (1990). Ground beetles (Coleoptera, Carabidae) in isolated forests of Moscow. Fauna and ecology of ground beetles, Kishenev.
88. **Dushenkov**, V. M., A. A. Jelezniakov and L. V. Dement'eva (1990). Impact of lignin fertilizers on carabid population in agroecosystems. All-Union conference of zoologists from pedagogical universities, Makhachkala.
89. **Dushenkov**, V. M., V. M. Konstantinov and M. E. Chernykhovskiy (1990). Ecology and environment protection posters. Moscow, Vyshaia Shcola.
90. **Dushenkov**, V. M. and K. V. Makarov (1990). The use of modeling programs in the study of microevolution processes in population. Teacher training under new information technology, Petrozavodsk.
91. Sharova, I. C. and V. M. **Dushenkov** (1990). Studies of population of ground beetles in the USSR. Fauna and ecology of ground beetles, Kishenev.
92. Sharova, I. C. and V. M. **Dushenkov** (1990). The results of the rating system evaluation in zoology and darwinism courses. All-Union conference for zoologists of pedagogical universities, Makhachkala.
93. **Dushenkov**, V. M. (1989). The strategy of ground beetles (Coleoptera, Carabidae) life forms in agroecosystems. Life forms and organisms strategies and their implementation in bioindication of environmental conditions, Cheshsky Budieevitsy.
94. **Dushenkov**, V. M. (1988). Carabids in agroecosystems of the north of Vologda region. Symposium of Dagestan Entomologists, Makhachkala.

95. **Dushenkov**, V. M., M. E. Chernykhovskiy and S. P. Shatalova (1988). General biology posters. Moscow, Vyshaia Shcola.
96. Sharova, I. C. and V. M. **Dushenkov** (1988). Ecological strategy and methods of optimization of population of ground beetles (Coleoptera, Carabidae) in the fields. 12. SIEEC, Kiev.
97. Sharova, I. C. and V. M. **Dushenkov** (1988). Basics of seasonal dynamics of ground beetles activity in the agrocenoses of the USSR European Part. Symposium of Dagestan Entomologists, Makhachkala.
98. Sharova, I. C., V. M. **Dushenkov** and V. E. Karpova (1988). The structure and dynamics of population of the dominant carabid species in agrocenoses. Ecological All-Union Symposium, Novosibirsk.
99. **Dushenkov**, V. M. (1987). Biotop distribution of the soil surface active carabids larvae in central Nechernozem'e. Problems of soil zoology. 9. All-Union symposium, Tbilisi, Mencieneba.
100. Sharova, I. C. and V. M. **Dushenkov** (1987). Ecological basics of carabid-entomophagus effectiveness in agrocenoses. Problems of soil zoology. 9. All-Union symposium, Tbilisi, Mencieneba.
101. Sharova, I. C., V. M. **Dushenkov** and V. E. Karpova (1987). Ways of carabids complexes formation in different climatic zones of the USSR European Part. Problems of soil zoology. 9. All-Union symposium, Tbilisi, Mencieneba.
102. Sharova, I. C., V. M. **Dushenkov** and V. E. Karpova (1987). Ground beetle complexes (Coleoptera, Carabidae) in agrocenoses of the European Part of the USSR. 9. International Pedozoology Colloquium, Moscow, Nauka.
103. Sharova, I. C., V. M. **Dushenkov** and V. E. Karpova (1985). Ground beetle complexes (Coleoptera, Carabidae) in agrocenoses of the USSR European part. 9. International Pedozoology Colloquium, Moscow, Nauka.
104. **Dushenkov**, V. M. (1984). Complex of carabids-entomophagus in agrocenoses and ways of its optimization. 9. Conference of the All-Union Entomological Society, Kiev, Naukova Dumka.
105. **Dushenkov**, V. M. (1984). Carabid complexes in agrocenoses of Oka river flood-lands. Problems of soil zoology, Ashkhabad.
106. **Dushenkov**, V. M. and T. A. Chernykhovskaya (1984). Differentiation in the feeding behavior in Carabids. Problems of regional animal ecology in zoological curriculum of teachers universities, Vitebsk.
107. Sharova, I. C. and V. M. **Dushenkov** (1984). Zoogeographical composition of Carabids complexes in agrocenoses of the USSR European Part. 8. All-Union Zoogeography Conference, Leningrad, Moscow.
108. **Dushenkov**, V. M. and T. A. Chernykhovskaya (1982). Biology of some numerous carabids-entomophagus. Formation of animal and microbial population in agrocenoses, Moscow, Nauka.
109. **Dushenkov**, V. M. (1981). Ground beetles in the agrocenoses of Moscow Region. All-Union conference on agrophytocenoses and agrobiocenoses, Ijevsk.
110. **Dushenkov**, V. M. (1981). Environmental education and environmental problems. Society and nature interaction as a contemporary global problem, Moscow-Obninsk.
111. **Dushenkov**, V. M. (1981). Anthrogenic impact on the population of ground beetles. Problems of soil zoology, Kiev.
112. **Dushenkov**, V. M. (1980). Social focus of environmental education with respect to interdisciplinary cross-references. Problems of environmental education in high school, Tallinn.

Issued patents - 10

1. Ho, C.-T., N. Bai, Z. Dong, A. M. Bode and S. **Dushenkov** (2008). Bioactive compounds and methods of uses thereof USPTO. USA, Wellgen, Inc., The Regents of the University of Minnesota, Rutgers, the State University of New Jersey **7,351,739**: 67.
2. Ho, C.-T., G. Ghai, S. Sang, J.-W. Jhoo, M.-T. Huang, R. T. Rosen and S. **Dushenkov** (2007). Benzotropolone derivatives and modulation of inflammatory response. USPTO. United States, Wellgen, Inc., Rutgers, The State University of New Jersey. **7,288,680**.
3. Ho, C.-T., G. Ghai, S. Sang, J.-W. Jhoo, M.-T. Huang, R. T. Rosen and S. **Dushenkov** (2006). Benzotropolone derivatives and modulation of inflammatory response. USPTO. United States, Rutgers, The State University of New Jersey. **7,087,790**.

4. Raskin, I., N. P. B. A. Kumar and S. **Douchenkov** (2000). Phytoremediation of metals. USPTO. USA, Edenspace Systems Corporation (Reston, VA). **6,159,270**.
5. Ensley, B. D., M. J. Blaylock, S. **Dushenkov**, N. P. B. A. Kumar and Y. Kapulnik (1999). Inducing hyperaccumulation of metals in plant shoots. USPTO. USA, Phytotech, Inc. **5,917,117**.
6. Raskin, I., S. **Dushenkov**, Y. Kapulnik and N. P. B. A. Kumar (1999). Method for removing soluble metals from an aqueous phase. USPTO. USA, Phytotech, Inc. **5,876,484**.
7. Salt, D. E., I. Raskin, N. P. B. A. Kumar and S. **Douchenkov** (1999). Conversion of metal oxidation states by phyto-reduction. USPTO. USA. **5,928,406**.
8. Raskin, I., N. P. B. A. Kumar and S. **Douchenkov** (1998). Phytoremediation of metals. USPTO. USA. **5,785,735**.
9. Raskin, I., S. **Douchenkov**, Y. Kapulnik and N. P. B. A. Kumar (1995). Method of removing soluble metals from an aqueous phase. USPTO. USA, Phytotech, Inc. **5,393,426**.
10. Raskin, I., N. P. B. A. Kumar and S. **Douchenkov** (1994). Phytoremediation of metals. USPTO, Phytotech, Inc. **5,364,451**.

Published patent applications - 13

1. Ho, C.-T., S. Li, M.-H. Pan, C.-Y. Lo and S. **Dushenkov** (2014). Hydroxylated Polymethoxyflavone Compositions. USPTO. US, WLLGEN, INC. **US20140039044 A1**: 45.
2. **Dushenkov**, S., P. Lucas-Schnarre, J. B. Hirsch, D. Evans and K. Evans (2012). Compositions and methods for the prevention and treatment of conditions associated with inflammation. United States.
3. Ho, C.-T., C.-Y. Lo, D. Tan, Y. Wang and S. **Dushenkov** (2011). Methods for reducing reactive carbonyl species. USA, Rutgers, The State University of New Jersey. **20110064846**.
4. Ho, C.-T., C.-Y. Lo, D. Tan, Y. Wang and S. **Dushenkov** (2008). Methods of reducing reactive carbonyl species. Application: US, (USA). 15pp.
5. **Dushenkov**, S. and D. Evans (2007). Orange polymethoxylated flavones for managing adipocyte fat accumulation. Application: WO, (Wellgen, Inc., USA). 49pp.
6. Ho, C.-T., S. Li, M.-H. Pan, C.-Y. Lo and S. **Dushenkov** (2007). Hydroxylated polymethoxyflavone compositions. Application: WO, (Rutgers, The State University of New Jersey, USA). 86pp.
7. **Dushenkov**, S., D. Evans, P. Lucas-Schnarre and J. B. Hirsch (2006). Compositions comprising theaflavin for the prevention and treatment of conditions associated with inflammation. Application: WO, (Wellgen, Inc., USA). 88pp.
8. Ho, C.-T., N. Bai, Z. Dong, A. M. Bode and S. **Dushenkov** (2006). Bioactive compounds and methods of uses thereof. Application: US, (USA). 70 pp.
9. Ho, C.-T., G. Ghai, S. Sang, J.-W. Jhoo, M.-T. Huang, R. T. Rosen and S. **Dushenkov** (2005). Preparation of benzotropolone derivatives as antioxidants and anti-inflammatory agents. U.S. Pat. Appl. Publ. USA: 16.
10. Raskin, I., N. P. B. A. Kumar and S. **Douchenkov** (1998). Crop growth with harvesting for removal of metals from contaminated soils. Application: US, (USA). 14 pp , Cont -in-part of U S 15,364,451.
11. Ensley, B. D., M. J. Blaylock, S. **Dushenkov**, N. P. B. A. Kumar, Y. Kapulnik and J. Huang (1997). Hyperaccumulation of metals in plant shoots, useful for soil phytoremediation. Application: WO, (Phytotech, Inc., USA). 67 pp.
12. Raskin, I., S. **Dushenkov**, Y. Kapulnik and N. P. B. A. Kumar (1996). Method for removing soluble metals from an aqueous phase using plants. Application: WO, (Rutgers, the State University of New Jersey, USA). 53 pp.
13. Raskin, I., S. **Douchenkov**, N. P. B. A. Kumar and Y. Kapulnik (1994). Method for removing soluble metals from an aqueous phase. Application: WO, (Phytotech, Inc., USA). 32 pp.

Newspaper articles - 5

1. **Dushenkov**, V. M. (1989). Allow me to object. Leninetc. Moscow: 2.
2. **Dushenkov**, V. (1985). Research expedition. Borba. Vojega, Vologda region: 3.
3. **Dushenkov**, V. (1981). Insects: enemies and friends. Zaria. Ozery, Moscow Region: 4.

4. **Dushenkov**, V. (1981). Fungi kingdom. *Zaria*. Ozery, Moscow Region: 4.
5. **Dushenkov**, V. and T. Chernykhovskaya (1981). Scientists help farmers. *Zaria*. Ozery, Moscow Region: 4.

Art work - 2

1. **Dushenkov**, V. (2014). Salmon, Bears and People. Hostos Community College, A-Atrium. , HCC-CUNY: Photo-Exhibition
2. **Dushenkov**, V. (2013). The lost world of Kamchatka bears. Hostos Community College, Atrium. , HCC-CUNY: Exhibition

Audiovisual materials - 3

1. **Dushenkov**, V. M. (1991). Class Insecta. Moscow.
2. **Dushenkov**, V. M., V. M. Konstantinov and M. E. Chernykhovskiy (1990). Ecology and environment protection posters. Moscow, Vyshaia Shcola.
3. **Dushenkov**, V. M., M. E. Chernykhovskiy and S. P. Shatalova (1988). General biology posters. Moscow, Vyshaia Shcola.

Awarded grants - 9

1. Raskin, I. and V. **Dushenkov** (2020). Research Training Center for Botanicals and Chronic Diseases in Tajikistan and Indonesia, NIH Fogarty International Center **\$1,284,393**.
2. **Dushenkov**, V. (2018). Phytochemical adaptation of invasive alien species from the US to South Africa conditions, PSC CUNY Research Award Program **\$6,000**.
3. **Dushenkov**, V. (2017). Anthropogenic impact on medicinal plants availability and quality, PSC CUNY Research Award Program **\$6,000**.
4. **Dushenkov**, V. (2016). The effects of slope altitude and aspect on total polyphenol content and antioxidant activity of *Artemisia* species, PSC CUNY Research Award Program **\$6,000**.
5. Ostrin, Z. and V. **Dushenkov** (2015). Assessing the Impact of Mobile Devices on Student Learning in the Anatomy Laboratory. Community College Collaborative Incentive Research Grant (C3IRG). Eugenio María de Hostos Community College The City University New York. **\$15,000: 14**.
6. **Dushenkov**, V. (2014). Medicinal plants of Central Asia: ancient tradition and current use., PSC CUNY Research Award Program **\$5,938**.
7. Raskin, I. and V. **Dushenkov** (2014). International Research Training Center for Botanicals and Metabolic Syndrome in Tajikistan, NIH Fogarty International Center **\$1,001,054**.
8. **Dushenkov**, V. (2013). Engaging innovative Screens-to-Nature Technology in the research of plants used by Tibetan Medicine practitioners in the Republic of Buryatia, Russia. , PSC CUNY Research Award Program **\$6,000**.
9. **Dushenkov**, S. (1996). Plant-Assisted Removal of Chelated Heavy Metals and Radionuclides from Water. Phytotech Inc; Monmouth Junction, NJ, NSF. **\$69,109**.