Списък на научните публикации на гл. ас. д-р Боян Руменов Тодоров, представени за участие в конкурса за ДОЦЕНТ

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1. “Effects of freezing and soil drought on the geochemical fractionation of americium in Fluvisol and Cambisol soils from Bulgaria”

   Kovacheva P, Yovkova D, **Todorov B**, Djingova R. Central European Geology. **2013** Mar 1;56(1):1-2. DOI: https://doi.org/10.1556/ceugeol.56.2013.1.1

   Indexed: Scopus; IF(2013) = **0.409** (5 цитата**); Q 4** (sjr)

2. “Fractionation and soil-plant transfer of ^{241}Am in different soil types”

   Todorov B, Djingova R. Pedosphere. **2015** Apr 1;25(2):212-9. DOI: https://doi.org/10.1016/S1002-0160(15)60006-6

   Indexed: Scopus; IF(2015) = **2.317** (3 цитата); **Q 2** (sjr)

3. “Copper radiopharmaceuticals for theranostic applications”

   Ahmedova A, **Todorov B**, Burdzhiev N, Goze C. European journal of medicinal chemistry. **2018** Sep 5; 157:1406-25. DOI: https://doi.org/10.1016/j.ejmech.2018.08.051

   Indexed: Scopus; IF(2018) = **4.976** (19 цитата); **Q 1** (sjr)

4. “Recycling of ^{18}O enriched water used in 18F cyclotron production”

   Todorov B, Belovezhdova I, Alanen O, Airaksinen AJ, Djingova R. Applied Radiation and Isotopes. **2019** Mar 1; 145:109-15. DOI: https://doi.org/10.1016/j.apradiso.2018.12.013

   Indexed: Scopus; IF(2019) = **1.357** (1 цитат); **Q 2** (sjr)

5. “Recovery of radionuclides with ionic liquids. I. Selective extraction of ^{241}Am”

   Belovezhdova I, **Todorov B**, Bogdanov MG. Separation and Purification Technology. **2021** May 1;262:118303. DOI: https://doi.org/10.1016/j.seppur.2021.118303

   Indexed: Scopus; IF(2020) = **7.278** (0 цитат); **Q 1** (sjr)

НАУЧНА ПУБЛИКАЦИЯ - ИЗВЪН ХАБИЛИТАЦИОННИЯ ТРУД (Група от показатели Г)

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1. “A method for extraction of bioavalable americium based on new complex of americium-241 with a fluorinated tris-β-diketone”

   Todorov B, Vasilev A, Deligeorgiev T, Djingova R, Asian Chem. Letters, **2010** 14,(3):25-32.

   Indexed: Scopus; IF(2010) = 0 (0 цитата); Q (sjr)

2. “On the chemical composition of the ingot from cape Kaliakra (Bulgaria)”

   Todorov B, Kuleff I, Archaeologia Bulgarica **2011**; XV(1)77-81.

   Indexed: Scopus; IF(2011) = **0.07** (0 цитата); **Q 3** (sjr)

3. “Determination of uranium and thorium in soils and plants by ICP-MS. Case study of Buhovo region”

   Mihaylova V, **Todorov B**, Djingova R. Comptes rendus de l’Académie bulgare des Sciences. **2013** Jan 1;66(4).

   Indexed: Scopus; IF(2013) = **0.247** (3 цитата); **Q 2** (sjr)

4. “On the determination of Am^{3+} in natural water based on extraction of ^{241}Am complexes with fluorinated tris-β diketone”

   Todorov B, Vasilev A, Tosheva Z, Deligeorgiev T, Djingova R. Comptes rendus de l’Académie bulgare des Sciences. **2013** Jan 1;66(5).

   Indexed: Scopus; IF(2013) = **0.247** (0 цитата); **Q 2** (sjr)

5. “Synthesis and biological evaluation of novel ^{123}I-labeled 4-(4-iodophenyl) butanoyl-l-prolyl-(2S)-pyrrolidines for imaging prolyl oligopeptidase in vivo”

   Kallinen A, **Todorov B**, Kallionpää R, Bäck S, Sarparanta M, Raki M, García-Horsman JA, Bergström KA, Wallén EA, Männistö PT, Airaksinen AJ.European journal of medicinal chemistry. **2014** May 22;79:436-45. DOI: https://doi.org/10.1016/j.ejmech.2014.04.014

   Indexed: Scopus; IF(2014) = **4.338** (2 цитата); **Q 1** (sjr)

6. “Geochemical fractionation and bioavailability of ^{241}Am, ^{60}Co and ^{137}Cs in Fluvisol soil after sharp temperature variation before the growing season”

   Kovacheva P, **Todorov B**, Djingova R. Central European Geology. **2014** Jun 1;57(2):153-63. DOI: https://doi.org/10.1556/ceugeol.57.2014.2.3

Indexed: Scopus; IF(2014) = **0.265** (1 цитат); **Q 4** (sjr)

7. “Influence of temperature decrease and soil drought on the geochemical fractionation of ^{60}Co and ^{137}Cs in fluvisol and cambisol soils”

   Kovacheva P, Slaveikova M, **Todorov B**, Djingova R. Applied geochemistry. **2014** Nov 1;50:74-81. DOI: https://doi.org/10.1016/j.apgeochem.2014.08.010

   Indexed: Scopus; IF(2014) = **2.502** (7 цитата); **Q 2** (sjr)

8. “Application of laser ablation inductively coupled plasma mass spectrometry for soil analysis: a novel procedure for sample preparation”

   Lyubomirova V, **Todorov B**, Djingova R. Comptes rendus de l’Académie bulgare des Sciences. **2016** Jan 1;69(3).

   Indexed: Scopus; IF(2016) = **0.212** (1 цитат); **Q 3** (sjr)

9. “The Results of XRF Analysis of the Early Hellenistic Gold Treasure from the Royal Necropolis of Dausdava/Helis (NE Bulgaria)”

   Todorov B, Mihaylova V, Gergova D, Kuleff I. Archaeologia Bulgarica **2016**; XX(3)1-15.

   Indexed: Scopus; IF(2016) = **0.234** (1 цитат); **Q 3** (sjr)

10. “Environmental effect of potential radiopharmaceuticals residuals”

    Todorov B, Nedyalkova M, Simeonov V. Ecological Chemistry and Engineering. **2020** Oct 1;27(4):603-14. DOI: 10.2478/eces-2020-0038

    Indexed: Scopus; IF(2020) = **1.490** (1 цитат); **Q 4** (sjr)

11. “Fractionation analysis of potentially toxic elements in apples for evaluation of their availability to humans”

    Mihaylova V, Lyubomirova V, **Todorov B**, Djingova R. Bulgarian Journal of Agricultural Science. **2020**;26(4):853-62.

    Indexed: Scopus; IF(2018) = **0.694** (0 цитата); **Q 3** (sjr)

12. “Simplified synthetic procedure for (Z) to (E)-cyclooct-4-enol photoisomerization”

    Stanimirov SS, **Todorov BR**. Bulgarian Chemical Communications. 2021;53(2): 228 – 233. DOI: 10.34049/bcc.53.2.5346

    Indexed: Scopus; IF(2020) = **0.398** (0 цитата); **Q 4** (sjr)

13. “Determination of imidacloprid, cypermethrin and chlorpyrifos ethyl in water samples using high-performance liquid chromatography”

Mihaylova VV, **Todorov BR**, Lyubomirova VV, Djingova RG. Bulgarian Chemical Communications.**2021**;14:55. DOI: 10.34049/bcc.53.1.5297

Indexed: Scopus; IF(2020) = **0.398** (0 цитата); **Q 4** (sjr)

14. "Sediment Assessment of the Pchelina Reservoir Bulgaria"

    Tony Venelinov, Veronika Mihaylova, Rositsa Peycheva, Miroslav Todorov, Galina Yotova, **Boyan Todorov**, Valentina Lyubomirova and Stefan Tsakovski. Molecules **2021**, 26, 7517. https://doi.org/10.3390/molecules26247517

    Indexed: Scopus; IF(2020) = **0.782** (0 цитат); **Q 2** (sjr)

ГЛАВА ОТ КНИГА

15. "Iron oxide Nanoparticles in Anticancer Drug Delivery and Imaging Diagnostics. Magnetic Nanoparticles in Human Health and Medicine"

    Nedyalkova M, **Todorov B**, Barazorda-Ccahuanac HL, Madurga S. Magnetic Nanoparticles in Human Health and Medicine: Current Medical Applications and Alternative Therapy of Cancer, ISBN: 978-1-119-75467-1 (2021) https://www.wiley.com/enro/Magnetic+Nanoparticles+in+Human+Health+and+Medicine-p-9781119754671