



Curriculum Vitae

First name(s) / Surname(s) **ALEXANDER ZDRAVKOV**
 Address (business) University of Mining and Geology „St. Ivan Rilski“, Studentski grad, BG-1700, Sofia, Department of Geology and Exploration of Mineral Resources
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Positions (at moment) Associate Professor

Dates **2014- until now**

Occupation or position held Associate Professor

Name and address of employer University of Mining and Geology „St. Ivan Rilski“, Sofia, Bulgaria

Dates **2014 – 2016**

Occupation or position held **Manager Electron Microscopy Lab**

Name and address of employer University of Mining and Geology „St. Ivan Rilski“, Sofia, Bulgaria

Dates **2004 - 2014**

Occupation or position held **Assistant Professor**

Name and address of employer University of Mining and Geology „St. Ivan Rilski“, Sofia, Bulgaria

Education and training

Dates **1996-2001**

Title of qualification awarded **Explorational geologist**

Educational institution University of Mining and Geology „St. Ivan Rilski“, Sofia, Bulgaria

Dates **2002-2011**

Title of qualification awarded **Ph.D**

Educational institution University of Mining and Geology „St. Ivan Rilski“, Sofia, Bulgaria

Mother tongue(s) **Bulgarian**

Other language(s) **Russian, English**

Self-assessment
European level (*)

Russian

English

| Understanding | | | | Speaking | | | | Writing | |
|---------------|---------------|---------|---------------|--------------------|---------------|-----------|---------------|---------|---------------|
| Listening | | Reading | | Spoken interaction | | Listening | | Reading | |
| B2 | intermediate | B2 | intermediate | B1 | intermediate | B1 | intermediate | A2 | basic |
| C1 | Working level | C1 | Working level | C1 | Working level | C1 | Working level | C1 | Working level |

(*) [Common European Framework of Reference for Languages](#)

Professional information and applications

Professional and Research **Coal geology and petrology, organic and inorganic geochemistry, biomarkers, sedimentology, facies and basin analysis**

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| interests (key words) | |
| Patents and Inventions | |
| Membership of professional and trade organization | International Committee of Coal and Organic Petrology – ICCOP International Association of Sedimentologists – IAS Bulgarian Geological Society – BGS |
| Publications | 71 publications in the field of geology, mineralogy and geochemistry of coal basins and adjacent territories Co-author in 1 monograph and 1 student manual Appendix 1 |
| Projects | Total 27 participations in scientific projects; Co-organizer of the Summer School of Sedimentology with International Participation "Kamchia", 2015, funded by IAS (International Association of Sedimentologists) Co-organizer of the 37 th TSOP Meeting, 2021 Sofia, Bulgaria Appendix 2 |
| Participation in scientific sessions, conferences and congresses | Total 34 participations in scientific conferences |
| Specialization abroad | Specialization in coal petrology and geochemistry – Montanuniversität, Leoben, Austria, 2003 – 6 months. Specialization in organic geochemistry – Montanuniversität, Leoben, Austria, 2013 – 1 month. Specialization in organic geochemistry – Montanuniversität, Leoben, Austria, 2014 – 3 months. |
| Other professional skills | Computer skills – MS Office, Corel Draw, Inkscape |

PUBLICATIONS

1. Kortenski, J., **A. Zdravkov**. 2003. Distribution of major and trace elements in lignite from Belibreg Basin, Bulgaria. – Rev. Bulg. Geol. Soc., 64, 1-3, 59-68, ISSN 0007-3938 – in Bulgarian.
2. **Zdravkov, A.**, J. Kortenski. 2004a. Petrology, mineralogy and depositional environment of the coals from Belibreg basin, Bulgaria. - Comp. Rendus Acad. Bulg. Sci., 57, 1, 53-58, ISSN (print) 1310-1331, ISSN (online) 2367-5535.
3. **Zdravkov, A.**, J. Kortenski. 2004b. Maceral composition and depositional environment of the lignites from Belibreg basin, Bulgaria. – Rev. Bulg. Geol. Soc., 65, 1-3, 157-166, ISSN 0007-3938.
4. **Zdravkov, A.**, J. Kortenski. 2004c. Petrology and depositional environment of the coals from Bobov dol basin, Bulgaria. – Annual UMG, 47, 1, 101-108, ISSN (print) 1312-1820.
5. Vatshev, M., **A. Zdravkov**. 2004. On the stratigraphy of the Neogene sediments from Belibreg Basin, West Sredna Gora zone (preliminary results). – Proc. Ann. Sc. Conference “Geology 2004”, Sofia, 95-96 p., ISBN 954-91606-1-0.
6. Kortenski, J., **A. Zdravkov**. 2005. Petrology of sub-bituminous coal from Pirin Basin. – Annual UMG, 48, 1, 59-64, ISSN (print) 1312-1820 – in Bulgarian.
7. **Zdravkov, A.**, I. Kostova, J. Kortenski. 2005. Paleoenvironmental setting during coal deposition in Elhovo Neogene basin, Bulgaria – Comp. Rendus Acad. Bulg. Sci., 58, 9, 1075-1082, Quartile: Q3, IF₂₀₀₅: -, SJR₂₀₀₅: 0.122, ISSN (print) 1310-1331, ISSN (online) 2367-5535.
8. Bechtel, A., R.F. Sachsenhofer, **A. Zdravkov**, I. Kostova, R. Gratzer, 2005. Influence of floral assemblage, facies and diagenesis on petrography and organic geochemistry of the Eocene Bourgas coal and the Miocene Maritza-East lignite (Bulgaria). Organic Geochemistry, 36, 11, 1498-1522, Quartile: Q1, IF₂₀₀₅: 2.079, SJR₂₀₀₅: 1.733, ISSN 0146-6380.
9. Kostova, I., **A. Zdravkov**. 2005. Petrology and depositional environment of lignites from Maritza West basin, Bulgaria. Comptes rendus de l'Academie bulgare des Sciences, 58, 12, 1421-1428, Quartile: Q3, IF₂₀₀₅: -, SJR₂₀₀₅: 0.122, ISSN (print) 1310-1331, ISSN (online) 2367-5535.
10. **Zdravkov, A.**, R.F. Sachsenhofer, I. Kostova, J. Kortenski. 2006. Reconstruction of palaeoenvironment during coal deposition in the Neogene Karlovo graben, Bulgaria. - Int. J. Coal Geol., 67, 1, 79-94, Quartile: Q1, IF₂₀₀₆: 1.667, SJR₂₀₀₆: 0.734, ISSN 0166-5162.
11. Izart, A., R.F. Sachsenhofer, V.A. Privalov, M. Elie, E.A. Panova, V.A. Antsiferov, D. Alsaab, T. Rainer, A. Sotirov, **A. Zdravkov**, M.V. Zhykalyak. 2006. Stratigraphic distribution of macerals and biomarkers in the Donets Basin: Implications for paleoecology, paleoclimatology and eustacy. Int. J. of Coal Geol., 66, 1-2, 69-107, Quartile: Q1, IF₂₀₀₆: 1.667, SJR₂₀₀₆: 0.734, ISSN 0166-5162.
12. Kostova, I., **A. Zdravkov**, 2006. Mineralogy of lignites from Maritza West basin, Bulgaria. Comp. Rendus Acad. Bulg. Sci., 59, 1, 57-64, ISSN (online) 2367-5535.
13. Kortenski, J., **A. Zdravkov**, D. Pinalova. 2006. Applying the International in-seam coal classification and the International codification system to the coals from Pernik coal province. – Annual UMG, 49, 1, 41-46, ISSN (print) 1312-1820 – in Bulgarian.
14. Ajdanlijsky, G., **A. Zdravkov**, J. Kortenski, D. Reischenbacher. 2006. – Facial characteristics of the Roman Formation (Aptian) - an example of one section near Mezdra, Western Forebalcan. – Annual UMG, 49, 1, 85-90, ISSN (print) 1312-1820.
15. **Zdravkov, A.**, I. Kostova, J. Kortenski. 2007. Properties and depositional environment of the Neogene Elhovo lignite, Bulgaria. - Int. J. Coal Geol., 71, 4, 488-504, Quartile: Q1, IF₂₀₀₇: 1.625, SJR₂₀₀₇: 0.727, ISSN 0166-5162.
16. Kostova, I., **A. Zdravkov**. 2007. Organic petrology, mineralogy and depositional environment of the Kipra lignite seam, Maritza-West basin, Bulgaria. Int. J. Coal Geol., 71, 4, 527-541, Quartile: Q1, IF₂₀₀₇: 1.625, SJR₂₀₀₇: 0.727, ISSN 0166-5162.
17. Kortenski, J., **A. Zdravkov**, D. Pinalova. 2007. Applying the International in-seam coal classification and the International codification system to the coals of Struma-Mesta province. – Annual UMG, 50, 1, 49-54, ISSN (print) 1312-1820 – in Bulgarian.
18. Kortenski, J., **A. Zdravkov**. 2007. Distribution of major elements in lignites from Sofia coal province, Bulgaria. - Review Bulg. Geol. Soc., 68, 1-3, 157-166, ISSN 0007-3938 – in Bulgarian.
19. **Zdravkov, A.**, J. Kortenski. 2008. Petrographic composition of the lignite from the Staniantzi basin, Bulgaria. – Compt. Rend. Acad. Sc. Bulg., 61, 2, 217-222, Quartile: Q2, IF₂₀₀₈: 0.152, SJR₂₀₀₈: 0.193, ISSN (print) 1310-1331, ISSN (online) 2367-5535.
20. Kortenski, J., **A. Zdravkov**, D. Pinalova. 2008. Applying the International in-seam coal classification and the International codification system to coals from Balkan Basin. – Annual UMG, 51, 1, 41-47, ISSN (print) 1312-1820 – in Bulgarian.

21. Kortenski, J., **A. Zdravkov**. 2008. Presence and distribution of major elements in coals from Bobov Dov Basin, Bulgaria. - Annual UMG, 51, 1, 34-40, ISSN (print) 1312-1820 – in Bulgarian.
22. Kortenski, J., **A. Zdravkov**, T. Boyadzhieva. 2009. Presence and distribution of major elements in coals from Karlovo Basin. – Review Bulg. Geol. Soc., 70, 1-3, 63-71, ISSN 0007-3938 – in Bulgarian.
23. Stefanova M., S.P. Marinov, **A. Zdravkov** and J. Kortenski. 2010. Paleoenvironmental reconstruction and climate change in South Eastern Europe (Neogene Karlovo lignites, Central Bulgaria). - Sci. Annals of the Aristotle Univer. of Thesaloniki, spec. vol. 100, 279-286, ISBN 978-960-9502-02-3.
24. Kortenski, J., S. Bakardjiev, A. Sultanov, **A. Zdravkov**. 2010. The new potentials of the Laboratory of Organic Petrology in the University of Mining and Geology “St. Ivan Rilski”. - Geology and mineral resources, 9, 9-12, ISSN 1310-2265 – in Bulgarian.
25. Kortenski, J., **A. Zdravkov**. 2010. Petrology of coals from Gotse Delchev Basin, southwest Bulgaria. – Annual UMG, 53, 1, 86-93, ISSN (print) 1312-1820 – in Bulgarian.
26. Kortenski, J., **A. Zdravkov**. 2011. Petrology and depositional environment of the lignite seam I from Gotse Delchev basin, South-West Bulgaria. - Compt. Rend. Acad. Sc. Bulg., 64, 719-724, Quartile: Q2, IF₂₀₁₁: 0.21, SJR₂₀₁₁: 0.202, ISSN (print) 1310-1331, ISSN (online) 2367-5535.
27. **Zdravkov, A.**, A. Bechtel, R. Sachsenhofer, J. Kortenski, R. Gratzer. 2011. Vegetation differences and diagenetic changes in two Bulgarian lignite deposits – insights from coal petrology and biomarker composition. – Org. Geochem., 42, 237-254, Quartile: Q1, IF₂₀₁₁: 2.785, SJR₂₀₁₁: 1.733, ISSN 0146-6380, <https://doi.org/10.1016/j.orggeochem.2010.12.006>.
28. **Zdravkov, A.** 2011. Petrological and geochemical characteristics of coal and associated rocks in Belibreg and Staniantsi Basins. Resume Ph.D. Thesis, 64pp. - in Bulgarian.
29. Kortenski, J., **A. Zdravkov**. 2011. Petrologic and palaeogeographic properties of coals from Pernik province, Bulgaria. – Review Bulg. Geol. Soc., 72, 1-3, 11 – 25, ISSN 0007-3938 – in Bulgarian.
30. **Zdravkov, A.** 2012. Palaeoenvironmental significance of lacustrine/palustrine limestones from Stanyantsi coal basin, West Bulgaria. Comptes rendus de l’Academie bulgare des Sciences, 65, 10, 1395 – 1404, Quartile: Q2, IF₂₀₁₂: 0.211, SJR₂₀₁₂: 0.207, ISSN (print) 1310-1331, ISSN (online) 2367-5535.
31. **Zdravkov, A.**, K. Ruskov, I. Nikova, B. Hristov, D. Petrov, D. Bakardjiev. 2012. Occurrence and distribution of arsenic in soils around Bobov dol Thermoelectric Power Plant. Annual UMG, 55, 1, 30 – 38, ISSN (print) 1312-1820 – in Bulgarian.
32. Ruskov, K., **A. Zdravkov**, I. Nikova, B. Hristov, D. Petrov, D. Bakardjiev. 2012. Application of remote sensing techniques for the study of ground surface in the area of Thermal Power Plant Bobov dol. Annual UMG, 55, 1, 44 – 49, ISSN (print) 1312-1820 – in Bulgarian.
33. Stefanova, M., J. Kortenski, **A. Zdravkov**, S. Marinov. 2013. Palaeoenvironmental settings of the Sofia lignite basin: insights from coal petrography and molecular indicators. Int. J. Coal Geol., 107, 45-61, Quartile: Q1, IF₂₀₁₃: 3.313, SJR₂₀₁₃: 1.151, ISSN 0166-5162, <https://doi.org/10.1016/j.coal.2012.09.014>.
34. Hristov, B., E. Filcheva, I. Nikova, **A. Zdravkov**, K. Ruskov, D. Petrov, D. Bakardzhiev, 2013. Fractional Composition of Organic Matter in Surface Horizon of Soils from “Bobov Dol” Valley. Bulgarian Journal of Agricultural Science, 19, 3, 485-489, Quartile: Q3, IF₂₀₁₃: -, SJR₂₀₁₃: 0.162, ISSN 1310-0351 (print), ISSN 2534-983X (online), <https://www.agrojournal.org/19/03-15.pdf>.
35. Nikova, I, B. Hristov, **A. Zdravkov**, K. Ruskov, D. Petrov, D. Bakardzhiev. 2013. Monitoring of the chemical characteristics of the soils around “Bobov Dol” Thermoelectric Power Plant. Pedology, Agrochemistry and Ecology, 3, 55-62, ISSN 0861-9425 (print), ISSN 2534-9864 (online), <https://soilscience-bg.org/page/download.php?articleID=101>.
36. Kortenski, J., N. Hristov, **A. Zdravkov**, N. Sechkariov, D. Merachev. 2013. Geochemical properties of coal seams from Dobrudja Basin, Bulgaria, in relation to their underground gasification. Annual UMG, 56, 65-70, ISSN (print) 1312-1820 – in Bulgarian.
37. **Zdravkov, A.**, J. Kortenski. 2013. Atlas of macerals in Bulgarian coals. University of Mining and Geology, electronic manual for geology students, 157 p., http://mgu.bg/drugi/ebooks/Atlas_of_macerals_in_Bulgarian_coals.pdf, in Bulgarian.
38. Predeanu, G., C. Panaitescu, M. Bălănescu, G. Bieg, A.G. Borrego, M.A. Diez, P. Hackley, B. Kwiecińska, M. Marques, M. Mastalerz, M. Misz-Kennan, S. Pusz, I. Suárez Ruiz, S. Rodrigues, A.K. Singh, A.K. Varma, **A. Zdravkov**, D. Životić. 2015. Microscopical characterization of carbon materials derived from coal and petroleum and their interaction phenomena in making steel electrodes, anodes and cathode blocks for the Microscopy of Carbon Materials Working Group of the ICCP. International Journal of Coal Geology, 139, 63-79, Quartile: Q1, IF₂₀₁₅: 3.294, SJR₂₀₁₅: 1.788, ISSN 0166-5162, <https://doi.org/10.1016/j.coal.2014.07.011>.
39. **Zdravkov, A.**, Bechtel, A., Čorić, S., Sachsenhofer, R.F., 2015. Depositional environment, organic matter characterization and hydrocarbon potential of Middle Miocene sediments from northeastern Bulgaria (Varna-Balchik Depression). Geol. Carp., 66, 5, 409 – 426, Quartile: Q2, IF₂₀₁₅: 1.523, SJR₂₀₁₅: 0.558, Print ISSN 1335-0552, Online ISSN 1336-8052, DOI: 10.1515/geoca-2015-0034.

40. Sachsenhofer, R. F., A. Bechtel, R. Gratzner, S. Coric, J. Hentschke, J. Mayer, S. V. Popov, B. Rupprecht, A. Samsu, and **A. Zdravkov**. 2015. Oligocene and Miocene source rocks in the Central and Eastern Paratethys, in: *Petroleum geology of the Black Sea: Geological Society, London, Abstract Book*, p. 31.
41. Kortenski, J., K. Vechkova-Stoeva, **A. Zdravkov**. 2015. Occurrence and distribution of major elements in coals from Burgas Basin, Bulgaria. *Annual UMG*, 58, 79-86, ISSN (print) 1312-1820 – in Bulgarian.
42. Stefanova, M., B.R.T. Simoneit, S.P. Marinov, **A. Zdravkov**, J. Kortenski. 2016. Novel Polar Biomarkers of the Miocene Maritza-East Lignite, Bulgaria. *Organic Geochemistry*, 96, 1-10, Quartile: Q1, IF₂₀₁₆: 3.081, SJR₂₀₁₆: 1.609, ISSN 0146-6380, <https://doi.org/10.1016/j.orggeochem.2016.03.002>.
43. Nikova, I., V. Tsoleva, B. Hristov, **A. Zdravkov**, K. Ruskov. 2016. Geochemical pattern of soils in Bobovdol valley, Bulgaria. Assessment of Cd and Co contents. *Eurasian Journal of Soil Science*, 5, 172 – 181, ISSN (online) 2147 - 4249, DOI: 10.18393/ejss.2016.3.172-181.
44. Kortenski, J., **A. Zdravkov**. 2016. Major elements in coal ashes from Gotse Delchev Basin, Bulgaria. *Annual UMG*, 59, 1, 9-16, ISSN (print) 1312-1820 – in Bulgarian.
45. Tsoleva, V., I. Nikova, B. Hristov, K. Ruskov, **A. Zdravkov**. 2016. Geochemical patterns of soils in the Bobovdol valley. Assessment of Cu, Pb and Zn contents. *Bulgarian Journal of Soil Science*, 1, 2, 122-139, ISSN (print) 2534-8787, ISSN (online) 2367-9212, <https://doi.org/10.5281/zenodo.2580816>.
46. Tsoleva, V., I. Nikova, **A. Zdravkov**, K. Ruskov, V. Kolchakov. 2016. Soil in Bobovdol Valley: genetic, geochemical and ecological characteristics. Sofia, PSS-Eco, 159 pp, ISBN 978-954-749-110-6.
47. **Zdravkov A.**, A. Bechtel, R.F. Sachsenhofer, J. Kortenski. 2017. Palaeoenvironmental implications of coal formation in Dobrudzha Basin: Insights from organic petrological and geochemical properties. *Int. J. Coal Geol.*, 180, 1-17, Quartile: Q1, IF₂₀₁₇: 4.13, SJR₂₀₁₇: 2.186, ISSN 0166-5162, <https://doi.org/10.1016/j.coal.2017.07.004>.
48. Markova, K., **A. Zdravkov**, A. Bechtel, M. Stefanova. 2017. Jets of two provenances from northern Bulgaria. IMOG, 28th International meeting on organic geochemistry, Florence, Italy, 17-22 September 2017, 2 pp., ISSN 0166-5161
49. Markova, K., **A. Zdravkov**, A. Bechtel, M. Stefanova. 2017. Organic geochemical characteristics of Bulgarian jet. *Int. J. Coal Geol.*, 181, 1-10, Quartile: Q1, IF₂₀₁₇: 4.13, SJR₂₀₁₇: 2.186, ISSN 0166-5162, <https://doi.org/10.1016/j.coal.2017.08.005>.
50. Tsoleva, V., B. Hristov, I. Nikova, **A. Zdravkov**, K. Ruskov. 2018. Pedogeochemical hallmarks of chromium, nickel and vanadium distribution in Bobov Dol Valley, Bulgaria. *Silva Balcanica*, 19, 1, 43-55, Quartile: -, IF₂₀₁₈: -, SJR₂₀₁₈: 0.11, ISSN 1311 – 8706, https://silvabalcanica.files.wordpress.com/2018/07/sb_191_2018-043-0551.pdf.
51. **Zdravkov, A.**, G. Ajdanlijsky, M. Stefanova, D. Gross. 2019. Oil-prone mudstones from Shavar Formation, SE Bulgaria. *Review of the Bulgarian Geological Society*, 80, 3, 156-158, ISSN 0007-3938, https://bgd.bg/REVIEW_BGS/REVIEW_BGD_2019_3/PDF/47_Zdravkov_GeoSci_2019.pdf
52. **Zdravkov, A.**, G. Ajdanlijsky, D. Groß, A. Bechtel. 2019. Organic petrological and geochemical properties of jet from the middle Triassic Mogila Formation, West Bulgaria. *Geologica Carpathica*, 70, 1, 62-74, Quartile: Q2, IF₂₀₁₉: 1.535, SJR₂₀₁₉: 0.673, Print ISSN 1335-0552, Online ISSN 1336-8052, DOI: 10.2478/geoca-2019-0004
53. Kortenski, J., **A. Zdravkov**. 2019. Alkaline and alkaline earth major elements in lignite from the Sofia coal province, Bulgaria. *Review of the Bulgarian Geological Society*, 80, 2, 3-12, ISSN 0007-3938, https://bgd.bg/REVIEW_BGS/REVIEW_BGD_2019_2/PDF/Kortenski_REV_BGS_2019_2.pdf
54. **Zdravkov, A.**, M. Stefanova, S. Marinov, J. Kortenski. 2019. Unconventional organic geochemical characteristics of low rank coal from Maritsa West Basin, Bulgaria. Workshop “Organic matter transformations in Maritsa Iztok dump materials: view by geochemical proxies”, June 25 – 28, 2019, Sofia, Bulgaria, 18-19.
55. **Zdravkov, A.**, M. Stefanova, E. Worobiec, A. Bechtel, S. Marinov, J. Kortenski. 2020. Implications for peat formation in Maritsa-West Basin, SE Bulgaria: Insights from organic petrology, palynology and biomarker assemblage. *International Journal of Coal Geology*, 222, 103447, Quartile: Q1, IF₂₀₂₀: 6.806, SJR₂₀₂₀: 2.048, ISSN 0166-5162, <https://doi.org/10.1016/j.coal.2020.103447>
56. Kortenski, J., **A. Zdravkov**. 2020. Factors controlling the occurrence and distribution of iron in Bulgarian coals. *Review of the Bulgarian geological society*, 81, 2, 27-40, ISSN 0007-3938, <https://doi.org/10.52215/rev.bgs.2020.81.2.3>
57. Kortenski, J., **A. Zdravkov**. 2021. Silicon and aluminum in Bulgarian coals. *Review of the Bulgarian geological society*, 82, 2, 33-45, ISSN 0007-3939, <https://doi.org/10.52215/rev.bgs.2021.82.2.4>
58. Kostova, I., **A. Zdravkov**, A. Bechtel, N. Botoucharov, D. Groß, D. Dochev. 2021. Composition of organic matter in Cretaceous sedimentary and volcano-sedimentary strata from Livingston Island, Antarctic Peninsula. *Book of abstracts: 37th TSOP Meeting*, 12-14 September, Sofia, 102-104, ISBN 978-954-92584-0-0

59. **Zdravkov, A.**, A. Bechtel, D. Groß, K. Stojanović. 2021. Peat-forming depositional environments within the Oligocene Bobovdol Basin, SW Bulgaria. Book of abstracts: 37th TSOP Meeting, 12-14 September, Sofia, 121-123, ISBN 978-954-92584-0-0
60. Kostova, I., **A. Zdravkov**, A. Bechtel, N. Botoucharov, D. Groß, D. Dochev, D. Apostolova. 2022. Characterization of organic matter from the Cretaceous sedimentary and volcano-sedimentary strata from Livingston Island, Antarctic Peninsula: insights from organic petrology, molecular proxies and carbon and hydrogen isotopes. *International Journal of Coal Geology*, 252, 103940, Quartile: Q1, IF₂₀₂₂: 5.6, SJR₂₀₂₂: 1.644, ISSN 0166-5162, <https://doi.org/10.1016/j.coal.2022.103940>
61. **Zdravkov, A.**, G. Ajdanlijsky, M. Stefanova, D. Groß, Y. Dintchev. 2022. First lithological and organic geochemical characterization of organic rich mudstones from Shavar Formation, southeast Bulgaria. *Energy Sources, Part A*, 44, 1, 2331-2344, Quartile: Q2, IF₂₀₂₂: 2.902, SJR₂₀₂₂: 0.471, Print ISSN: 1556-7036, Online ISSN: 1556-7230, DOI: 10.1080/15567036.2019.1649749
62. Ajdanlijsky, G., T. Zheleva, **A. Zdravkov**, K. Kouzmanov. 2022. Lithofacies characteristics and depositional environment of the Shavar Formation, SE Bulgaria. Book of abstracts: XXII International congress of Carpathian-Balkan Geological Association, 7-11.09.2022, Plovdiv, Bulgaria, ISBN 978-619-91305-4-4, e-ISBN 978-619-91305-5-1
63. Botoucharov, N., **A. Zdravkov**, D. Gross, A. Bechtel, I. Kostova. 2022. Lower-Middle Jurassic source rocks in North Bulgaria (south central and western parts) – review from the basin and Rock Eval analyses. Book of abstracts: XXII International congress of Carpathian-Balkan Geological Association, 7-11.09.2022, Plovdiv, Bulgaria, ISBN 978-619-91305-4-4, e-ISBN 978-619-91305-5-1
64. Botoucharov, N., **A. Zdravkov**, D. Gross, I. Kostova, A. Bechtel. 2022. Hydrocarbon potential of Middle Jurassic sediments (Stefanets Mb. of Etropole Fm.) from the western part of Balkan orogenic system, Bulgaria. *Comptes rendus de l'Academie bulgare des Sciences*, 75, 9, 1317-1324, Quartile: Q3, IF₂₀₂₂: 0.326, SJR₂₀₂₂: 0.182, ISSN (print) 1310-1331, ISSN (online) 2367-5535, <https://doi.org/10.7546/CRABS.2022.09.09>
65. Kostova, I., **A. Zdravkov**. 2022. Proceedings of the 37th Annual Meeting of the Society for Organic Petrology. *International Journal of Coal geology*, 264, 104139, Quartile: Q1, IF₂₀₂₂: 5.6, SJR₂₀₂₂: 1.644, ISSN 0166-5162, <https://doi.org/10.1016/j.coal.2022.104139>
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