

(образец на ЛТУ)

### СПИСЪК

на научната и публикационна дейност на кандидата **ДОЦ. Д-Р ИНЖ. ЕКАТЕРИНА ИВАНОВА ТОДОРОВА** за участие в конкурс за заемане на академична длъжност **"ПРОФЕСОР"** по дисциплината **„ТЕХНОЛОГИИ ЗА ОБРАБОТКА НА ТВЪРДИ ОТПАДЪЦИ“** в научна област **4. ПРИРОДНИ НАУКИ, МАТЕМАТИКА И ИНФОРМАТИКА, ПН 4.4. НАУКИ ЗА ЗЕМЯТА** 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                       |                |                         |
|                                       | <b>Тодорова, Е.,</b> Разпределение на примесите и екологични проблеми при получаването на екстракционна фосфорна киселина, ВХТИ, Специализиран научен съвет по „Неорганични технологии и металургия“ при ВАК, Научни ръководители: доц. ктн инж.И.Домбалов, проф.дтн инж. И. Грънчаров, Рецензенти: проф. ктн инж. П. Бозаджиев, ст.н.с. ктн инж. К. Попов, София, 1995           | 50                       | 1              | 50                      |
| ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „А“: |   |                          |                | <b>50</b>               |
| B2                                    | Дисертационен труд за присъждане на научна степен „доктор на науките“   | 100                      | -              | -                       |
| ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „Б“: |   |                          |                | <b>0</b>                |
| B3                                    | Хабилитационен труд – монография  | 100                      | 1              | 100                     |
|                                       | <b>Тодорова, Е.,</b> Промислената симбиоза на биоразградимите отпадъци– ключов елемент за предотвратяването им, Авангард Прима, ISBN 978-619-239-785-2, София, 2022 г., 170 стр.  |                          |                | 100                     |
| B4                                    | Хабилитационен труд – научни публикации (не по-малко от 1 0) в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация   | 60/n за всяка публикация | -              | -                       |
| ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „В“: |   |                          |                | <b>100</b>              |
| Г5                                    | Публикувана монография, която не е представена като основен хабилитационен труд   | 30                       | -              | -                       |
| Г6                                    | Публикувана книга на базата на защитен дисертационен труд за присъждане на образователна и научна степен „доктор“ или за присъждане на научна степен „доктор на науките“  | 30                       | -              | -                       |
| Г7                                    | Статии и доклади, публикувани в научни издания, реферирани и индексирани в световноизвестни бази данни с научна информация  | 40/n                     |                |                         |
|                                       | <b>публикация 1</b><br>Mavrov, V., S. Stamenov, E. Todorova, H. Chmiel and T. Erwe, New hybrid electrocoagulation membrane process for removing selenium from industrial wastewater, Desalination (The International Journal on the Science and Technology of Desalting and Water Purification) Volume 201, Issues 1–3, (2006), 290-296, ISSN: 0011-9164, Elsevier, Q1, IF =0,636 | 40                       | 5              | 8                       |
|                                       | <b>публикация 2</b>   | 40                       | 4              | 10                      |

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|----|---|------|-------------------|--------------|
|    | Kyoseva, V., Ek. Todorova, Iv. Dombalov, Y.Pelovsky, Solid Waste Of Sofia Municipality As Raw Material And Energy Resource, 4th International Environmental Conference of Pieria – Katerini: “Life Quality and Capacity Building in the Frame of Safe Environment”, 17th – 20th March 2009, Katerini, Greece, Journal of Environmental Protection and Ecology, 13, No 3, (2012) 1442–1449, ISSN: 1311-5065, Q3, IF=0.26 Web of Science      |      |                   |              |
|    | <b>публикация 3</b><br>Kostadinova, A., E.Todorova, Characterization and classification of mine wastes, Journal of Environmental Protection and Ecology, ISSN 1311-5066 vol.15, №2, (2014), 558-564, IF 0.838, Q3, IF=0,213, Scopus, Web of Science   | 40   | 2                 | 20           |
|    | <b>публикация 4</b><br>Todorova, Ek., V. Kyoseva, Classification of wastes from gold ores and secondary raw materials leaching, 4th International Environmental Conference of Pieria – Katerini: “Life Quality and Capacity Building in the Frame of Safe Environment”, 17th – 20th March 2009, Katerini, Greece – отпечатано (2016) в Journal of Balkan Ecology, ISSN: 1311-0527, Vol. 19, №4, 429 – 435, (2016), ICV:4.79, Web of Science | 40   | 2                 | 20           |
|    | <b>публикация 5</b><br>Todorova, E., V. Kyoseva, I. Dombalov, Necessary System for Evaluation of Ecological Efficiency of Investment Proposals, Journal of Balkan Ecology, ISSN: 1311-0527, Vol. 19, №1, 51- 60,( 2016), ICV:4.79, Web of Science   | 40   | 3                 | 13,3         |
|    | <b>публикация 6</b><br>Todorova,E., A. Kostadinova, Risks of environmental pollution from mining waste from ore-containing copper processing, Journal of Environmental Protection and Ecology 20, No 1, 397–403 (2019), 397-403, ISSN: 1311-5065,Q3, IF (2018)=0.634, Scopus, Web of Science  | 40   | 2                 | 20           |
|    | <b>публикация 7</b><br>Kostadinova, A.,E.Todorova, Mobility of Pollutants in Water during Mining Waste Storage, Journal of Balkan Ecology, ISSN: 1311-0527, vol.23, No3, (2020), 299-305, Web of Science  | 40   | 2                 | 20           |
|    | <b>публикация 8</b><br>Brankova S., A.Kostadinova, E. Todorova, Eco-efficiency of Bio-waste Composting and Thermal Treatment, Journal of Balkan Ecology, Vol. 24, No 3, ISSN: 1311-0527, 2021, Web of Science, 249-258  | 40   | 3                 | 13,3         |
|    | <b>публикация 9</b><br>Kostadinova, A., S.Brankova, E. Todorova, Quantitative Characteristic of Composite Waste Packing in Bulgaria, Journal of Balkan Ecology, vol.24, №1, ISSN: 1311-0527, 2021, Web of Science, 95-104   | 40   | 3                 | 13,3         |
|    |   |      | <b>Общо по Г7</b> | <b>137,9</b> |
| Г8 | Статии и доклади, публикувани в нереферирани списания с научно рецензиране или публикувани в редактирани колективни томове  | 20/n |                   |              |
|    | <b>публикация 1</b><br>Stamenov S., S. Stoev, S. Strashimirov, S. Dobrev, E. Todorova, Optimization of Ore Dressing Process in the Akdaga Mine, Turkey, Proceeding of The XXIII International Mineral Processing Congress, Ed. by Guven Onal, N.Acarkan, and al., Istanbul Technical University, Promedadvertising Agency, (2006), Pages 791-795  | 20   | 5                 | 4            |
|    | <b>публикация 2</b>   | 20   | 7                 | 2,8          |

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|--|---|----|---|-----|
|  | Пеловски, Й., И. Домбалов, Е. Тодорова, В. Кьосева, Е. Соколовски, П. Петров, Г. Казалджиев, Методи за третиране и оползотворяване на твърди битови отпадъци, БНОЦЕООС, ISBN: 978-954-92114-1-2, София, 216 стр., София, 2007   |    |   |     |
|  | <b>публикация 3</b><br>Е. Соколовски, П. Петров, Г. Казалджиев, Е. Тодорова, Пеловски, Й., И. Домбалов, Технологии за обезвреждане на устойчиви органични замърсители, Първо издание, Издател: БНОЦЕООС, ISBN: 978-954-92114-2-9, София, 223 стр., 2007   | 20 | 6 | 3,3 |
|  | <b>публикация 4</b><br>Kyoseva, V., Ek. Todorova, Iv. Dombalov, Comparative assessment of the methods for destruction of cyanides used in the gold mining industry, V Scientific Conference for students and young scientific, USTM-Sofia, Maj, 2008, Journal of the University of Chemical Technology and Metallurgy, ISSN: 1311-7629, 44, 4, (2009), 203-408    | 20 | 3 | 6,6 |
|  | <b>публикация 5</b><br>Тодорова, Ек., В. Кьосева, Ив. Домбалов, Обезвреждането на отпадъците от хуманната и ветеринарната медицина – необходимост и възможност, Юбилейна научна конференция „35 години обучение по екология, опазване и възстановяване на околната среда, Юни, 2009, ЛТУ-София, Лесовъдска мисъл (2) (2009), стр.258-265, ISSN 1310-5639          | 20 | 3 | 6,6 |
|  | <b>публикация 6</b><br>Кьосева, В., Ек. Тодорова, Ив. Домбалов, Битовите отпадъци на България- околната среда, здравето и устойчивото развитие, Юбилейна научна конференция „35 години обучение по екология, опазване и възстановяване на околната среда, Юни, 2009, ЛТУ-София, Лесовъдска мисъл (2), (2009), стр. 230-241, ISSN 1310-5639                        | 20 | 3 | 6,6 |
|  | <b>публикация 7</b><br>Тодорова, Ек., В. Кьосева, Възможности за постигане на екологичните норми при пречистване на отпадъчни води от целулозно-хартиената промишленост, Юбилейна научна конференция „35 години обучение по екология, опазване и възстановяване на околната среда, Юни, 2009, ЛТУ-София, Лесовъдска мисъл (2) (2009), стр. 251-257 ISSN 1310-5639 | 20 | 2 | 10  |
|  | <b>публикация 8</b><br>Тодорова, Ек., Е. Соколовски, В. Кьосева, Ив. Домбалов, Опасните отпадъци –заплаха за хората и околната среда, Юбилейна научна конференция „35 години обучение по екология, опазване и възстановяване на околната среда, Юни, 2009, ЛТУ-София, Лесовъдска мисъл мисъл (2) (2009), стр. 260-265, ISSN 1310-5639                             | 20 | 4 | 5   |
|  | <b>публикация 9</b><br>Костадинова –Славева, А., Ек. Тодорова, Класификация на минните отпадъци от концесионна площ „Ракитна”, Научни трудове, XIX Международна научна конференция за млади учени, ЛТУ, Юндола, Юли, (2010), стр.68-76, ISBN: 954-323-057-9   | 20 | 2 | 10  |
|  | <b>публикация 10</b><br>Кьосева, В., Е. Тодорова, Ив. Домбалов, Най-често задаваните въпроси, свързани с превръщане на битовите отпадъци в суровинен и енергиен ресурс, Първо издание, ноември 2011, формат А4, 84 страници (вкл. кориците), тираж: 150 бр., Издател: Хай Енд Пъблишинг ООД, гр. София, 2011, ISBN 978-954-92844-1-6                              | 20 | 3 | 6,6 |
|  | <b>публикация 11</b>  | 20 | 8 | 2,5 |

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|  | Kozhuharova, S., H.Stanchev, N. Nestorov, V.Stamatova, A.Penchev, S. Stamenov, E. Todorova, V. Mehandzhiyski, Bulgaria, Distribution of gold in the flotation plant at Ellatzite Med, Bulgaria, XXVII International Mineral Processing Congress 2014: IMPC 2014 XXVII Santiago, Chile : October 20-24, (2014), Santiago, Chile, Том 2, p.756 -759  |    |   |     |
|  | <b>публикация 12</b><br>Тодорова, Е., М.Чернев, Екологосъобразно управление на строителни отпадъци, Юбилейна научна конференция „40 години образование по екология и опазване на околната среда в ЛТУ“(2014 г.), Сборник доклади от научната конференция, (2015), стр.95-101, ISBN: 978-954-332-129-2  | 20 | 2 | 10  |
|  | <b>публикация 13</b><br>Kostadinova A., E.Todorova, Preliminary treatment of mining wates for the purposes of its future utilization, Forestry Ideas, ISSN 1314-3905 (print) ISSN 2603-2996 (on line) (2015), vol. 21, №1 (49):47-53, Юбилейна научна конференция „40 години образование по екология и опазване на околната среда в ЛТУ“   | 20 | 2 | 10  |
|  | <b>публикация 14</b><br>Petrov P., E.Georgieva, S. Ivanova, E.Todorova, Comparative assessment on morphological composition of municipal solid waste, The 4-th International Virtual Conference on Advanced Scientific Results, 6-10 June 2016, www.scieconf.com, (2016) 194-196 , DOI: 10.18638/scieconf.2016.4.1.339; ISBN:978-80-554-1234-4; eISSN: 1339-9071; cdISSN:1339-3561   | 20 | 4 | 5   |
|  | <b>публикация 15</b><br>Kostadinova, A., Ек. Todorova, Waste recovery of coal industry through its use for production of concrete mixtures, Web of Scholar 6 (6), (2016), ISSN 2518-167X, 32-35  | 20 | 2 | 10  |
|  | <b>публикация 16</b><br>Kostadinova, A., E. Todorova, Tihomir Krumov, Opportunities for stabilization of forest roads using waste from coal mining, Web of Scholar 8(8), ISSN 2518-167X, <a href="http://www.webofscholar.com/">http://www.webofscholar.com/</a> , (2016), 25-27   | 20 | 3 | 6.6 |
|  | <b>публикация 17</b><br>Бранкова, С., Е. Тодорова, Екологосъобразното управление на утайките от пречиствателни станции за отпадъчни води – критерий за устойчиво развитие на селищата, XIX-та Международна научна конференция "Управление и устойчиво развитие", 24 до 26 март 2017 г., Юндола, България, сп. Управление и устойчиво развитие = Management & Sustainable Development: общество, човек, природа / Лесотехнически университет, 5/(2017) (66), ISSN1311-4506, 63-67., 20/2=10, НАЦИД  | 20 | 2 | 10  |
|  | <b>публикация 18</b><br>Brankova, S., E.Todorova, Eco-efficiency of plasma-gasification methods for solid waste treatment, (2018), Ecology & Safety, Volume 12, p.303-309, Реферирана в ECOLEX, Russian Science Citation Index, China National Knowledge Infrastructure (CNKI) Scholar, Polish Scholarly Bibliography, Ecology & Safety (ISSN 1314-7234), <a href="https://www.scientific-publications.net/en/open-access-journals/ecology-and-safety/">https://www.scientific-publications.net/en/open-access-journals/ecology-and-safety/</a> 27th International Conference 23-27 June 2018. Elenite Holiday Village, Bulgaria. Organized by. Bulgarian Academy of Sciences; | 20 | 2 | 10  |
|  | <b>публикация 19</b><br>Бранкова С., Е. Тодорова, Количествена характеристика на опасните отпадъци в България, сп. Управление и устойчиво развитие = Management & Sustainable Development: общество, човек, природа / Лесотехнически университет, 4/(2018) (71), ISSN1311-4506, 113-116, НАЦИД   | 20 | 2 | 10  |
|  | <b>публикация 20</b>   | 20 | 2 | 10  |

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|--|---|----|-------------------|--------------|
|  | Todorova, E., Savina Brankova, Eco-efficiency of Hazardous Waste Treatment, International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Vol.6, Issue 2, (2019), ISSN (Print) 2394-1588, pp.23-26  |    |                   |              |
|  | <b>публикация 21</b><br>Stefanova, V., E. Todorova, The Influence of the ph of Mining Waste from the Copper Mining on the Biological Reclamation of the Embankments, KNOWLEDGE – International Journal, Vol. 35, (2019), 865-869, ISSN 2545-4439, ISSN 1857-923X, Global Impact&Quality Factor 1.322  | 20 | 2                 | 10           |
|  | <b>публикация 22</b><br>Bratkova, Sv., A. Angelov, E. Zheleva, E. Todorova, S. Stamenov, E. Kozhuharov, P. Delov, E. Valova, Zh. Vasilev, A Multi-Disciplinary Approach to Rehabilitation of Historically Disturbed Lands, XIII International Mineral processing and recycling conference (IMPRO), Belgrade, Serbia, 8-10 May (2019), Editors: Grozdanka Bogdanović, Milan Trumić, University of Belgrade, Technical FACULTY in Bor, Chamber of Commerce and Industry of Serbia, ISBN 978-86-6305-091-4, p.314-320  | 20 | 9                 | 2,2          |
|  | <b>публикация 23</b><br>Dyakov, P., E. Todorova, A. Kostadinova, Microflora dynamics in passive composting of food waste, Journal of Chemical, Biological and Physical Sciences, JCBPS; Section B; (2020), Vol. 10, No. 2; 203-211, [DOI: 10.24214/jcbps.B.10.2.20311.] E- ISSN: 2249 –1929   | 20 | 3                 | 6,6          |
|  | <b>публикация 24</b><br>Илиев, И., Н. Тричков, М. Димитров, Ж. Гочев, И. Палигоров, Е. Тодорова, Исторически аспекти на научните изследвания в Лесотехническия Университет, Списание на БАН, Година СXXXIV 2/2021, ISSN 0007-3989, 3-9  | 20 | 6                 | 3,3          |
|  | <b>публикация 25</b><br>Тричков, Н., М. Димитров, Ж. Гочев, Е. Тодорова, И. Палигоров, К. Генова, Р. Томов, И. Илиев, Съвременни тенденции на научните изследвания в Лесотехническия Университет, Списание на БАН, Година СXXXIV 2/2021, ISSN 0007-3989, 10-17  | 20 | 8                 | 2,5          |
|  |   |    | <b>Общо по Г8</b> | <b>170,2</b> |
| <b>ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „Г“:</b> |   |    |                   | <b>308,1</b> |
| Д10  | Цитирания или рецензии на научни издания, реферирани и индексирани в световноизвестни бази данни с научна информация или в монографии и колективни томове   | 5  |                   |              |
|  | <b>Kyoseva, V., Ek. Todorova, Iv. Dombalov, Y. Pelovsky, Solid Waste Of Sofia Municipality As Raw Material And Energy Resource, 4th International Environmental Conference of Pieria – Katerini: “Life Quality and Capacity Building in the Frame of Safe Environment”, 17th – 20th March 2009, Katerini, Greece, Journal of Environmental Protection and Ecology 13, No 3, (2012) 1442–1449, <a href="http://www.jepe-journal.info/journal-content/vol-13-no3-2012">http://www.jepe-journal.info/journal-content/vol-13-no3-2012</a>,<br/>Цитирано в :</b> |    |                   |              |
| 1.   | A.E. Yuce, Mert Kilic, Separation of PVC/PET mixture from plastic wastes using column flotation technique, Journal of environmental protection and ecology 16(No:2):705-715 · January 2015  | 5  |                   | 5            |

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|-----|--|---|--|---|
| 2.  | A. Bechir, Arghir Oana Cristina, Ghergic Doina Lucia, Comaneanu Monica, Bechir Edwin Sever, Environmental impact of the activities in dental laboratories, Journal of environmental protection and ecology 14(4) · January 2013  | 5 |  | 5 |
| 3.  | B. Stanescu, Gh Batrinescu, L. Kim, Establishing interrelations between saturated and unsaturated zone premises for studying hazards near municipal landfills..., Journal of environmental protection and ecology 14(4):1608-1613 2013   | 5 |  | 5 |
| 4.  | Elena Cristina Rada, Energy from municipal solid waste, WIT Transactions on Ecology and the Environment 190:945-957, 2014  | 5 |  | 5 |
|     | <b>Todorova, Ek., Iv. Dombalov, Production of Phosphoric Acid with Low Content of Impurities, Fertilizer Research, Kluwer Academic Publishers, Netherlands, 1995, 41, 125-128</b>  |   |  |   |
| 5.  | Yasair Faiyz, Mohammed M. El-Garawany, F N Assubaie, M A Al-Eed, Impact of Phosphate Fertilizer on Cadmium Accumulation in Soil and Vegetable Crops, (2007), Bulletin of Environmental Contamination and Toxicology 78(5):358-62, DOI: 10.1007/s00128-007-9025-x   | 5 |  | 5 |
|     | <b>Todorova E, Sokolovski E, Koseva V, Dombalov I. Hazardous waste - a threat to humans and the environment. Forestry Ideas. 2009;2(38):260-265; Тодорова, Е., Е. Соколовски, В. Късева, Ив. Домбалов, Опасните отпадъци – заплаха за хората и околната среда, Юбилейна научна конференция „35 години обучение по екология, опазване и възстановяване на околната среда, Юни, 2009, ЛТУ-София, Лесовъдска мисъл мисъл (2) (2009), стр. 260-265, ISSN 1310-5639</b> |   |  |   |
| 6.  | Ivanov, N., Integrated Technology for Disposal of Chemical Waste, American Chemical Science Journal 15(3): 1-7, 2016, Article no.ACSJ.26698, ISSN: 2249-0205   | 5 |  | 5 |
|     | <b>Mavrov, V., S. Stamenov, E. Todorova, H. Chmiel and T. Erwe, New hybrid electrocoagulation membrane process for removing selenium from industrial wastewater, Desalination (The International Journal on the Science and Technology of Desalting and Water Purification) Volume 201, Issues 1–3, (2006), 290-296, ISSN: 0011-9164, Elsevier, Q1, IF =0,636</b><br><b>Цитирано в :</b>   |   |  |   |
| 7.  | Edwards, F.G., Electronics and metal finishing and processing, WATER ENVIRONMENT RESEARCH, 2007 Volume:79 Issue: 10, Pages: 1682-1697  | 5 |  | 5 |
| 8.  | Gordon C.C. Yang, Cyuan-Jia Li, Electrofiltration of silica nanoparticle-containing wastewater using tubular ceramic membranes, Separation and Purification Technology. 01/2007;   | 5 |  | 5 |
| 9.  | Yang, G.C.C., Li, C.-J., Electrofiltration of silica nanoparticle-containing wastewater using tubular ceramic membranes, SEPARATION AND PURIFICATION TECHNOLOGY Volume:58 Issue: 1, 2007, Pages: 159-165   | 5 |  | 5 |
| 10. | Yasair Faiyz, Mohammed M., El-Garawany F N Assubaie, M A Al-Eed, SPRINGER, Impact of Phosphate Fertilizer on Cadmium Accumulation in Soil and Vegetable Crops, (2007), Bulletin of Environmental Contamination and Toxicology 78(5):358-62, DOI: 10.1007/s00128-007-9025-x ISSN / eISSN: 0007-4861/1432-0800   | 5 |  | 5 |
| 11. | Ning Zhang, Lian-Shin Lin, Dianchen Gang, Adsorptive selenite removal from water using iron-coated GAC adsorbents, Water Research 08/2008; 42(14):3809-16. · 4.66 Impact Factor  | 5 |  | 5 |
| 12. | Zhang, N., Lin, L.-S., Gang, D., Adsorptive selenite removal from water using iron-coated GAC adsorbents, WATER RESEARCH Volume:42 Issue: 14, 2008, Pages: 3809-3816   | 5 |  | 5 |

|     |   |   |  |   |
|-----|---|---|--|---|
| 13. | Animes K. Golder, Varappurath S. Dhaneesh, Amar N. Samanta, Subhabrata Ray, Electrotreatment of industrial copper plating rinse effluent using mild steel and aluminum electrodes, Journal of Chemical Technology & Biotechnology 11/2009; 84(12):1803 - 1810. · 2.50 Impact Factor         | 5 |  | 5 |
| 14. | Dilini Kumarasinghe, Liam Pettigrew, Long Duc Nghiem, Removal of heavy metals from mining impacted water by an electrocoagulation-ultrafiltration hybrid process, Desalination and Water Treatment - DESALIN WATER TREAT. 01/2009; 11:66-72.  | 5 |  | 5 |
| 15. | Djamel Ghernaout, Badiia Ghernaout, Ali Saiba, ... Removal of humic acids by continuous electromagnetic treatment followed by electrocoagulat..., Desalination 04/2009; 239(1-3). DOI:10.1016/j.desal.2008.04.001   | 5 |  | 5 |
| 16. | Ghernaout, D., Ghernaout, B., Saiba, A., Boucherit, A., Kellil, A., Removal of humic acids by continuous electromagnetic treatment followed by electrocoagulation in batch using aluminium electrodes, DESALINATION Volume: 238; Issue: 1-3, 2009, Pages: 295-308                           | 5 |  | 5 |
| 17. | Golder, A.K., Dhaneesh, V.S., Samanta, A.N., Ray, S., Electrotreatment of industrial copper plating rinse effluent using mild steel and aluminum electrodes, JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, Volume: 84 Issue: 12, 2009, Pages: 1803-1810                                 | 5 |  | 5 |
| 18. | Kumarasinghe, D., Pettigrew, L., Nghiem, L.D., Removal of heavy metals from mining impacted water by an electrocoagulation-ultrafiltration hybrid process, Desalination and Water Treatment, 2009, Issue: 11, Pages: 66-72.   | 5 |  | 5 |
| 19. | Mandal, S., Mayadevi, S., Kulkarni, B.D., Adsorption of aqueous selenite [Se(IV)] species on synthetic layered double Hydroxide Materials, INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH Volume: 48 Issue: 17, 2009, Pages:7893-7898  | 5 |  | 5 |
| 20. | Shouzhi Yi, Yingying Ma, Xiacong Wang, Yuanyuan Jia, Green chemistry: Pretreatment of seawater by a one-step electrochemical method, Desalination. 01/2009; 239(1):247-256.   | 5 |  | 5 |
| 21. | Sujata Mandal, S. Mayadevi, Bhaskar D. Kulkarni, Adsorption of Aqueous Selenite [Se(IV)] Species on Synthetic Layered Double Hydroxide Mate, Industrial & Engineering Chemistry Research 08/2009; 48(17). DOI:10.1021/ie900136s   | 5 |  | 5 |
| 22. | Sun, L., Miznikov, E., Wang, L., Adin, A., Nickel removal from wastewater by electroflocculation-filtration hybridization, DESALINATION Volume: 249 , Issue: 2, 2009, Pages: 832-836  | 5 |  | 5 |
| 23. | Yi, S., Ma, Y., Wang, X., Jia, Y., Green chemistry: Pretreatment of seawater by a one-step electrochemical method, DESALINATION Volume:238 Issue: 1-3, 2009, Pages: 247-256   | 5 |  | 5 |
| 24. | Acheampong, M.A., Meulepas, R.JW., Lens, P. NL., Removal of heavy metals and cyanide from gold mine wastewater, Journal of Chemical Technology & Biotechnology, Volume: 85, Issue: 5, Pages: 590-613. Published: FEBRUARY 2010  | 5 |  | 5 |
| 25. | Ali Saiba, Sidali Kourdali, Badiia Ghernaout, Djamel Ghernaout, In Desalination, from 1987 to 2009, the birth of a new seawater pretreatment process: Electrocoagulation-an overview, Desalination and water treatment 01/2010; 16:201-217. · 0.85 Impact Factor                            | 5 |  | 5 |
| 26. | Bingjun Pan, Lili Xiao, Guangze Nie, Bingcai Pan, Jun Wu, Lu Lv, Weiming Zhang, Shourong Zheng, Adsorptive selenite removal from water using a nano-hydrated ferric oxides (HFOs)/polymer hybrid adsorbent, Journal of Environmental Monitoring 01/2010; 12(1):305-10. · 2.09 Impact Factor | 5 |  | 5 |
| 27. | Bleiman, N., Yael, G. M., Selenium removal from drinking water by adsorption to chitosan-clay composites and oxides: batch and columns tests, JOURNAL OF HAZARDOUS MATERIALS; 183(1-3):590-5. Published: NOVEMBER 2010  | 5 |  | 5 |

|     |  |   |  |   |
|-----|--|---|--|---|
| 28. | Evans T. Musapatika, Maurice S., Onyango Ochieng Aoyi, Cobalt(II) removal from synthetic wastewater by adsorption on South African coal fly ash, South African Journal of Science, Vol 106, No 9/10, 2010  | 5 |  | 5 |
| 29. | K. A. Matis, E. N. Peleka, Alternative Flotation Techniques for Wastewater Treatment: Focus on Electroflotation, Separation Science and Technology - SEPAR SCI TECHNOL. 01/2010; 45(16):2465-2474.   | 5 |  | 5 |
| 30. | Matis, K.A., Peleka, E.N., Alternative Flotation Techniques for Wastewater Treatment: Focus on Electroflotation, Separation Science and Technology, Volume 45, Issue: 16, Pages: 2465-2474. Published: JANUARY 2010  | 5 |  | 5 |
| 31. | Mike A Acheampong, Roel JW Meulepas, Piet NL Lens, Removal of heavy metals and cyanide from gold mine wastewater, Journal of Chemical Technology & Biotechnology 02/2010; 85(5):590-613. · 2.50 Impact Factor  | 5 |  | 5 |
| 32. | Moshe Ben Sasson, Avner Adin, Fouling mechanisms and energy appraisal in microfiltration pretreated by aluminum-based electroflocculation, Journal of Membrane Science. 01/2010;   | 5 |  | 5 |
| 33. | Moshe Ben Sasson, Avner Adin, Fouling mitigation by iron-based electroflocculation in microfiltration: Mechanisms and energy minimization, Water Research 07/2010; 44(13):3973-81. · 4.66 Impact Factor  | 5 |  | 5 |
| 34. | Nimrod Bleiman, Yael G Mishael, Selenium removal from drinking water by adsorption to chitosan-clay composites and oxides: batch and columns tests, Journal of hazardous materials 11/2010; 183(1-3):590-5. IF 4.14  | 5 |  | 5 |
| 35. | Pan, B., Xiao, L., Nie, G., Pen, B., Wu, J., Lv, L., Zhang, W., Zheng, S., Adsorptive selenite removal from water using a nano-hydrated ferric oxides (HFOs)/polymer hybrid adsorbent, JOURNAL OF ENVIRONMENTAL MONITORING Volume: 12, Issue: 1, 2010, Pages: 305-310                            | 5 |  | 5 |
| 36. | R.R. Sheha, E.A. El-Shazly, Kinetics and equilibrium modeling of Se(IV) removal from aqueous solutions using metal oxides, Chemical Engineering Journal. 01/2010;  | 5 |  | 5 |
| 37. | Sasson, M.B., Adin,A., Fouling mechanisms and energy appraisal in microfiltration pretreated by aluminum-based electroflocculation, Journal of Membrane Science, Published: JANUARY 2010   | 5 |  | 5 |
| 38. | Sasson, M.B., Adin, A., Fouling mitigation by iron-based electroflocculation in microfiltration: Mechanisms and energy minimization, Water Research, Volume: 44, Issue: 13, Pages: 3973-398, Published: JULY 2010  | 5 |  | 5 |
| 39. | Saiba, A., Kourdali, S., Ghernaout, B., Ghernaout, D., In Desalination, from 1987 to 2009, the birth of a new seawater pretreatment process: Electrocoagulation-an overview, Desalination and water treatment, Issue: 16, Pages: 201-217. Published: JANUARY 2010                                | 5 |  | 5 |
| 40. | Sheha, R.R., El-Shazly, E.A., Kinetics and equilibrium modeling of Se(IV) removal from aqueous solutions using metal oxides, Chemical Engineering Journal, Published: JANUARY 2010   | 5 |  | 5 |
| 41. | Christina M. Gonzalez, Jeffrey Hernandez, Jason G. Parsons, Jorge L. Gardea-Torresdey, Adsorption of selenite and selenate by a high- and low-pressure aged manganese oxide nanomaterial, Instrumentation Science & Technology 01/2011; 39(1):1-19. · 0.43 Impact Factor                         | 5 |  | 5 |
| 42. | Gonzales, Ch.M., Hernandez, J., Parsons, J.G., Gardea-Torresdey, J.L., Adsorption of selenite and selenate by a high- and low-pressure aged manganese oxide nanomaterial, Instrumentation Science & Technology, Volume 39, Issue: 1, Pages: 1-19, JANUARY 2011                                   | 5 |  | 5 |
| 43. | Daeik Kim, Joon-Seok Park, Teh Fu Yen, Feasibility study on cross-linked biopolymeric concrete encapsulating selenium glass wastes., Journal of the Air & Waste Management Association Print ISSN: 1096-2247 Online ISSN: 2162-2906 Volume 62, 2012 - Issue 8, Pages 898-904, 1.20 Impact Factor | 5 |  | 5 |
| 44. | Dubey Ruchi Sharma, Amlathe Sulbha, India, Disposable Chemo Sensor for Quantitative Determination and Removal of Selenium, International Journal of Research in Chemistry and Environment Vol. 2 Issue 2 (88-95) ISSN 2248-9649, April 2012  | 5 |  | 5 |



|     |  |   |  |   |
|-----|--|---|--|---|
| 45. | Evans T. Musapatika, Ruella Singh, Krishnie Moodley, Charles Nzila, Maurice S. Onyango and Aoyi Ochieng, Cobalt removal from wastewater using pine sawdust, African Journal of Biotechnology Vol. 11(39), pp. 9407-9415, ISSN 1684–5315 © 2012 Academic Journals, 2012   | 5 |  | 5 |
| 46. | Kim, D., Park, J-S., Yen, T.F., Feasibility study on cross-linked biopolymeric concrete encapsulating selenium glass wastes, JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION (1995), Volume: 62, Issue: 8, Pages: 898-904 Published: AUGUST 2012   | 5 |  | 5 |
| 47. | Mustafa Omar M. Sharrad, M. O. M., Liu, H., Fan, M., Evaluation of FeOOH performance on selenium reduction, Separation and Purification Technology, 2012   | 5 |  | 5 |
| 48. | Xinchao Wei, Shilpa Bhojappa, Lian-Shin Lin, Roger C. Viadero, Performance of Nano-Magnetite for Removal of Selenium from Aqueous Solutions, Environmental Engineering Science 29(6):526-532 · June 2012 Impact Factor: 0.99 · DOI: 10.1089/ees.2011.0383  | 5 |  | 5 |
| 49. | Daeik Kim, Joon-Seok Park, Teh Fu Yen, Feasibility study on cross-linked biopolymeric concrete encapsulating selenium glass wastes, August 2012, Journal of the Air & Waste Management Association (1995) 62(8):898-904, DOI: 10.1080/10962247.2012.675939   | 5 |  | 5 |
| 50. | Xin Chen, Huiping Deng, Removal of humic acids from water by hybrid titanium-based electrocoagulation with ultrafiltration membrane processes, August 2012, Desalination 300:51–57, DOI: 10.1016/j.desal.2012.06.004   | 5 |  | 5 |
| 51. | Charan Tej Tanneru, Shankararaman Chellam, Mechanisms of virus control during iron electrocoagulation - Microfiltration of surface water, January 2012, Water Research 46(7):2111-20, DOI:10.1016/j.watres.2012.01.032   | 5 |  | 5 |
|     | <b>Kyoseva, V.,Ek. Todorova, Iv. Dombalov, Comparative assessment of the methods for destruction of cyanides used in the gold mining industry, V Scientific Conference for students and young scientific, UCTM-Sofia, Maj, 2008, Journal of the University of Chemical Technology and Metallurgy, 44, 4, 2009, 203-408,<br/>Цитирано в :</b> |   |  |   |
| 52. | Mike A. Acheampong, Kannan Pakshirajan, Piet NL Lens , Assessment of the effluent quality from a gold mining industry in Ghana, Environmental Science and Pollution Research 20(6), 2013 pp 3799–3811  | 5 |  | 5 |
| 53. | Ya Wei Cai, Hua Min Tang, Xin Gang Wang, Lian Yuan Wang, Hai Yan Zhu, Simulation Assessment of Dangerous Consequence Caused by Toxic Gas Products during KCN Decontamination Process", Advanced Materials Research, ISSN: 1662-8985, Vols. 1092-1093, 2015, pp. 907-911  | 5 |  | 5 |
| 54. | C Jia, J Luo, J Fan, JH Clark, S Zhang, X Zhu , Urgently reveal longly hidden toxicant in a familiar fabrication process of biomass-derived environment carbon material, Journal of Environmental Sciences, Volume 100, February 2020, Pages 250-256 - Elsevier  | 5 |  | 5 |
| 55. | C Jia, J Luo, S Zhang, X Zhu, N-rich hydrochar derived from organic solvent as reaction medium generates toxic N-containing mineral in its pyrochar- Science of The Total Environment- Volume 729, 10 August 2020, 138970-Elsevier, p.1-5  | 5 |  | 5 |
| 56. | C Jia, J Luo, J Fan, JH Clark, S Zhang, X Zhu, Urgently reveal longly hidden toxicant in a familiar fabrication process of biomass-derived environment carbon material- Journal of Environmental Sciences, Volume 100, February 2021, Pages 250-256- Elsevier  | 5 |  | 5 |
|     | <b>Kostadinova, A., E.Todorova, (2014) Characterization and classification of mine wastes, Journal of Environmental Protection and Ecology, vol.15, No2, 2014, 558-564</b>   |   |  |   |

|     |   |   |  |   |
|-----|---|---|--|---|
| 57. | Lukipudis S., R. Kuzmanova. Suitability of Plant Species and Herbaceous Compositions for Biological Reclamation of Landfills. Journal of Balkan Ecology. 22, (4), 2019. p.409-419 .   | 5 |  | 5 |
|     | <b>Mavrov,V., S. Stamenov, E. Todorova, H. Chmiel and T. Erwe, New hybrid electrocoagulation membrane process for removing selenium from industrial wastewater, Desalination (The International Journal on the Science and Technology of Desalting and Water Purification) Volume 201, Issues 1–3, (2006), 290-296, ISSN: 0011-9164, Elsevier, Q1, IF =0,636</b><br><b>Цитирано в :</b> |   |  |   |
| 58. | Baek, K., Kasem, N., Ciblak, A., Vesper, D., Padilla, I., Alshwabkeh, A., Electrochemical Removal Of Selenate From Aqueous Solutions. Chemical Engineering Journal; Pages: 215-216; 678-684., 2013  | 5 |  | 5 |
| 59. | Grigori Zelmanov, Raphael Semiat, Selenium removal from water and its recovery using iron (Fe <sup>3+</sup> ) oxide/hydroxide-based nanop... , Separation and Purification Technology 01/2013 103:167–172.  | 5 |  | 5 |
| 60. | Hasan, S.W., Elektrowicz, M., Oleszkiewicz, J. A.Start-up period investigation of pilot-scale submerged membrane electro-bioreactor (SMEBR) treating raw municipal wastewater, Chemosphere,NOVEMBER 2013  | 5 |  | 5 |
| 61. | Mustafa Omar ,M. Sharrad, Huijuan Liu, Maohong Fan, Evaluation of FeOOH performance on selenium reduction, January 2012, Separation and Purification Technology, 84, DOI: 10.1016/j.seppur.2011.07.011  | 5 |  | 5 |
| 62. | Serdar Kara,Treatment of transport container washing wastewater by electrocoagulation, Environmental Progress & Sustainable Energy 07/2013 32(2).   | 5 |  | 5 |
| 63. | Supalak Kongsri, Kanogporn Janpradit, Keerati Buapa..., Nanocrystalline hydroxyapatite from fish scale waste: Preparation, characterization and ap... ,Chemical Engineering Journal 01/2013 s 215–216:522–532.  | 5 |  | 5 |
| 64. | Harun Akif Kabuk, Yasar Avsar, Fatih Ilhan... Comparison of pH Adjustment and Electrocoagulation Processes on Treatability of Metal Plat..., Separation Science and Technology 02/2014 49(4):613-618.   | 5 |  | 5 |
| 65. | M. Kobyas, N. Erdem, E. Demirbas, Treatment of Cr, Ni and Zn from galvanic rinsing wastewater by electrocoagulation process ..., Desalination and water treatment 08/2014   | 5 |  | 5 |
| 66. | Ashlee J Howarth, Michael J Katz, Timothy C Wang, Ana E Platero-Pr, High Efficiency Adsorption and Removal of Selenate and Selenite from Water Using Metal–Org..., Journal of the American Chemical Society 05/2015; 137(23). DOI:10.1021/jacs.5b03904  | 5 |  | 5 |
| 67. | Chengzhi Hu, Qingxin Chen, Guixia Chen, Huijuan Liu, Jiuhui Qu, Removal of Se(IV) and Se(VI) from drinking water by coagulation, Separation and Purification Technology 03/2015; 142. DOI:10.1016/j.seppur.2014.12.028  | 5 |  | 5 |
| 68. | Cidália M S Botelho, Selenium contaminated waters: An overview of analytical methods, treatment ..., Science of The Total Environment 07/2015; 521. DOI:10.1016/j.scitotenv.2015.03.107   | 5 |  | 5 |
| 69. | Erika J. Espinosa-Ortiz, Graciela Gonzalez-Gil, Pascal E. Saikaly, E, Effects of selenium oxyanions on the white-rot fungus Phanerochaete chrysos..., Applied Microbiology and Biotechnology 03/2015; 99(5):2405-2418. DOI:10.1007/s00253-014-6127-3  | 5 |  | 5 |
| 70. | Hacıyakupoglu, Sevilay; Orucoglu, Esra; Esen, Ayse N.; et al., Kinetic modeling of selenium (IV) adsorption for remediation of contaminated aquatic systems based on meso-scale experiments, DESALINATION AND WATER TREATMENT Volume: 56 Issue: 5 Pages: 1208-1216 Published: OCT 30 2015   | 5 |  | 5 |
| 71. | Jessica Rodrigues Pires da Silva, Fabio Merçon, Leonardo Firmino da Silva, Alexandre Andrade Cerqueira, Monica Regina da Costa Marques, Evaluation of electrocoagulation as pre-treatment of oil emulsions, followed by reverse osmosis, December 2015, Journal of Water Process Engineering 8:126-135, DOI: 10.1016/j.jwpe.2015.09.009   | 5 |  | 5 |

|     |   |   |  |   |
|-----|---|---|--|---|
| 72. | Julia Ayala, Begoña Fernández, Bayer Electrofilter Fines as Potential Se(VI) Adsorbents, JOM: the journal of the Minerals, Metals & Materials Society 67(11) · September 2015   | 5 |  | 5 |
| 73. | Karaj S. Dhillon, Surjit K. Dhillon, Selenium in groundwater and its contribution towards daily dietary Se intake under different hydrogeological zones of Punjab, India, December 2015, Journal of Hydrology 533, DOI: 10.1016/j.jhydrol.2015.12.016                             | 5 |  | 5 |
| 74. | Khaled Brahma, Wided Bouguerra, Bchir Hamrouni, Use of Electrocoagulation with Aluminum Electrodes to Reduce Hardness in Tunisian Phosphat..., Mine Water and the Environment 07/2015; DOI:10.1007/s10230-015-0354-4  | 5 |  | 5 |
| 75. | Kobya, M.; Erdem, N.; Demirbas, E., Treatment of Cr, Ni and Zn from galvanic rinsing wastewater by electrocoagulation process using iron electrodes, DESALINATION AND WATER TREATMENT Volume: 56 Issue: 5 Pages: 1191-1201 Published: OCT 30 2015                                 | 5 |  | 5 |
| 76. | Mamdoh R. Mahmoud, Mohamed A. Soliman, Azza H. Ali, Sameh H. Othman, Kinetic Studies on Radio-Selenium Uptake by Ion Exchange Resin, November 2015, Separation Science and Technology 51(6), DOI: 10.1080/01496395.2015.1112399   | 5 |  | 5 |
| 77. | Md. Rabiul Awual, Tsuyoshi Yaita, Shinichi Suzuki...Ultimate selenium(IV) monitoring and removal from water using a new class o..., Journal of Hazardous Materials 06/2015; 291:111-119. DOI:10.1016/j.jhazmat.2015.02.066  | 5 |  | 5 |
| 78. | Oishi Sanyal, Zhiguo Liu, Wei Liao, Ilsoon Lee, Development of polyelectrolyte multilayer membranes to reduce the COD level of electrocoagulation treated High-strength wastewater, December 2015, Journal of Membrane Science 496(15):259-266, DOI: 10.1016/j.memsci.2015.09.011 | 5 |  | 5 |
| 79. | Pascal Saikaly, Eric D Van Hullebusch, Graciela Gonzalez-Gil, Effects of selenium oxyanions on the white-rot fungus Phanerochaete chrysosporium, Applied Microbiology and Biotechnology 03/2015; 99(5):2405-2418. DOI:10.1007/s00253-014-6127-3                                   | 5 |  | 5 |
| 80. | Patricio X Pinto, David A Balz, Barbara A Butler, Bench-Scale and Pilot-Scale Treatment Technologies for the Removal of Total Dissolved Soli..., Mine Water and the Environment 07/2015; DOI:10.1007/s10230-015-0351-7  | 5 |  | 5 |
| 81. | Ramakrishnan Kamaraj, Subramanyan Vasudevan, Decontamination of selenate from aqueous solution by oxidized multi-walled carbon nanotube..., Powder Technology 04/2015, 274.   | 5 |  | 5 |
| 82. | Sanyal, Oishi; Liu, Zhiguo; Meharg, Brooke M.; et al., Development of polyelectrolyte multilayer membranes to reduce the COD level of electrocoagulation treated high-strength wastewater, JOURNAL OF MEMBRANE SCIENCE Volume: 496 Pages: 259-266 Published: DEC 15 2015          | 5 |  | 5 |
| 83. | Silvia Santos, Gabriela Ungureanu, Rui A R Boaventura, Cidália M S, Botelho, Selenium contaminated waters: An overview of analytical methods, treatment ..., Science of The Total Environment 07/2015; 521. DOI:10.1016/j.scitotenv.2015.03.107                                   | 5 |  | 5 |
| 84. | Tao Yang, Bo Qiao, Guo-Chao Li, ... Improving performance of dynamic membrane assisted by electrocoagulation for treatment of ..., Desalination 05/2015; 363. DOI:10.1016/j.desal.2015.01.010   | 5 |  | 5 |
| 85. | Wenbo Xie, Qiqi Liang, Tianwei Qian, Dongye Zhao, Immobilization of selenite in soil and groundwater using stabilized Fe-Mn binary oxide nanoparticles, Water Research 03/2015; 70. DOI:10.1016/j.watres.2014.12.028  | 5 |  | 5 |
| 86. | A Gafoor, N Ali, S Kumar, S Begum, Z Rahman, Applicability and new trends of different electrode materials and its combinations in electro coagulation process: A brief review, Materials Today, Volume 37, Part 2, 2021, Pages 377-382 - Elsevier                                | 5 |  | 5 |

|     |   |   |  |   |
|-----|---|---|--|---|
| 87. | M Samouhos, A Peppas, G Bartzas, MariaTaxiarchouPetros E.Tsakiridis, Arsenic Release Through Refractory Gold Ore Processing. Immobilization and Decontamination Approaches, Current Opinion in Environmental Science & Health, Volume 20, April 2021, 100236, 1-7- Elsevier   | 5 |  | 5 |
| 88. | SO Okonji, L Yu, JA Dominic, D Pernitsky, G Achari, Adsorption by Granular Activated Carbon and Nano Zerovalent Iron from Wastewater: A Study on Removal of Selenomethionine and Selenocysteine, - Water, Water 2021, 13(1), 23; <a href="https://doi.org/10.3390/w13010023">https://doi.org/10.3390/w13010023</a> , 2021 Scopus and Web of Science   | 5 |  | 5 |
| 89. | D Špoljarić Maronić, T Žuna Pfeiffer, F Stević... Selenium in Algae: Bioaccumulation and Toxicity, Plant Growth and Stress ..., 2021 – Springer   | 5 |  | 5 |
| 90. | JH Kim, SY Lee, S Rha, YJ Lee, HY Jo, S Lee , Treatment of Heavy Metal Wastewater by Ceramic Microfilter Functionalized with Magnesium Oxides- Water, Air, & Soil Pollution, 232:498,1-13, 2021, DOI: <a href="https://doi.org/10.1007/s11270-021-05425-4">https://doi.org/10.1007/s11270-021-05425-4</a> – Springer  | 5 |  | 5 |
| 91. | Ali Taghvaie Nakhjiri, Hamidreza Sanaeepur, Abtin Ebadi Amooghin, Mohammad Mahdi A. Shirazi, Recovery of precious metals from industrial wastewater towards resource recovery and environmental sustainability: A critical review, Desalination, Volume 527, 1 April 2022, 115510, Elsevier, IF=11.211  | 5 |  | 5 |
| 92. | SS Qureshi, SA Memon, N Ram, S Saeed, Nabisab Mujawar Mubarak, Rama Rao Karri, Rapid adsorption of selenium removal using iron manganese-based micro adsorbent Scientific Reports 12, Article number: 17207, 2022 - nature.com, Springer, 2-year impact factor (2021): 4.996  | 5 |  | 5 |
| 93. | J Tong, J Yang, L Zhang, T Liu, C Peng, X Ni, Tianhao Dong, Pavle Mocilac, Keliang Shi, Xiaolin Hou, Efficient removal of Se-79 from highly acidic solution using SiO <sub>2</sub> particles functionalised with iron hydroxide- Chemical Engineering Journal, Volume 446, Part 4, 15 October 2022, 137387 – Elsevier, IF=16,744  | 5 |  | 5 |
| 94. | M Malhotra, M Roy, P Pal A membrane-based green and low-cost system for ensuring safe drinking water in a selenium-affected region, Journal of Environmental Management, Volume 324, 15 December 2022, 116361- Elsevier, IF=8,91  | 5 |  | 5 |
| 95. | R Abejón, A Bibliometric Analysis of Research on Selenium in Drinking Water during the 1990–2021 Period: Treatment Options for Selenium Removal - Int. J. Environ. Res. Public Health 2022, 19(10), 5834; <a href="https://doi.org/10.3390/ijerph19105834">https://doi.org/10.3390/ijerph19105834</a> - mdpi.com IF=4,614   | 5 |  | 5 |
| 96. | P Pal, M Malhotra, Emerging technologies for selenium separation and recovery from aqueous systems: A review for sustainable management strategy- The Canadian Journal of Chemical ..., <a href="https://doi.org/10.1002/cjce.24682">https://doi.org/10.1002/cjce.24682</a> , 2022 - Wiley Online Library IF (2021)=2.500   | 5 |  | 5 |
| 97. | J Yang, Y Chen, K Shi, K Hu, R Li, X Gao... , Stability of selenium and its speciation analysis in water using automatic system separation and HR-ICP-MS measurement- Chinese Chemical ..., Volume 33, Issue 7, July 2022, Pages 3444-3450 - Elsevier IF=8,455  | 5 |  | 5 |
|     | <b>Kyoseva, V., Ek. Todorova, Iv. Dombalov, Y.Pelovsky, Solid Waste Of Sofia Municipality As Raw Material And Energy Resource, 4th International Environmental Conference of Pieria – Katerini: “Life Quality and Capacity Building in the Frame of Safe Environment”, 17th – 20th March 2009, Katerini, Greece, Journal of Environmental Protection and Ecology, 13, No 3, (2012) 1442–1449, ISSN: 1311-5065, Q3, IF=0.26 Web of Science</b> |   |  |   |
| 98. | B. Stanescu, Gh Batrinescu, L. Kim, Establishing interrelations between saturated and unsaturated zone premises for studying hazards near municipal landfills. Case study, January 2013, Journal of environmental protection and ecology 14(4):1608-1613  | 5 |  | 5 |

|      |   |   |  |   |
|------|---|---|--|---|
| 99.  | A. Bechir, Arghir Oana Cristina, Ghergic Doina Lucia, Comaneanu Monica, Bechir Edwin Sever, Environmental impact of the activities in dental laboratories, January 2013, Journal of environmental protection and ecology 14(4)  | 5 |  | 5 |
| 100. | Rada, E.C.(2014) Energy from municipal solid waste, Energy Production and Management in the 21st Century, WIT Transactions on Ecology and The Environment, Vol 190, ISSN 1743-3541 (on-line) Vol. 2, pp.945-957   | 5 |  | 5 |
| 101. | A.E.Yuce, Mert Kilic, Separation of PVC/PET mixture from plastic wastes using column flotation technique, January 2015, Journal of environmental protection and ecology 16(No:2):705-715  | 5 |  | 5 |
|      | <b>Todorova, Ek., TG-DTA Determination of Dehydrated Water from CaSO<sub>4</sub>.xH<sub>2</sub>O, Journal of Thermal Analysis, Hungary, Budapest, 1996., vol. 46, 187-192</b>   |   |  |   |
| 102. | M. V. Borrachero, J. Payá, M. Bonilla, J. Monzó, The use of thermogravimetric analysis technique for the characterization of construction materials: The gypsum case, February 2008, Journal of Thermal Analysis and Calorimetry 91(2):503-509, DOI: 10.1007/s10973-006-7739-3  | 5 |  | 5 |
| 103. | Collier, Nick C. Transition and decomposition temperatures of cement phases—a collection of thermal analysis data. <i>Ceramics-Silikaty</i> , 2016, 60.4.   | 5 |  | 5 |
|      | <b>Mavrov,V., S. Stamenov, E. Todorova, H. Chmiel and T. Erwe, New hybrid electrocoagulation membrane process for removing selenium from industrial wastewater, Desalination (The International Journal on the Science and Technology of Desalting and Water Purification) Volume 201, Issues 1–3, (2006), 290-296, ISSN: 0011-9164, Elsevier, Q1, IF =0,636</b><br><b>Цитирано в :</b> |   |  |   |
| 104. | Brahmi, Khaled; Bouguerra, Wided; Belhsan, Hamza; et al., Use of Electrocoagulation with Aluminum Electrodes to Reduce Hardness in Tunisian Phosphate Mining Process Water , MINE WATER AND THE ENVIRONMENT, Vol. 35, Issue: 3, Pages: 310-317, Published: SEP 2016   | 5 |  | 5 |
| 105. | Dhillon, Karaj S.; Dhillon, Surjit K., Selenium in groundwater and its contribution towards daily dietary Se intake under different hydrogeological zones of Punjab, India, JOURNAL OF HYDROLOGY, Vol. 533, Pages: 615-626, Published: FEB 2016   | 5 |  | 5 |
| 106. | Holmes, Andrew B.; Gu, Frank X., Emerging nanomaterials for the application of selenium removal for wastewater treatment, ENVIRONMENTAL SCIENCE-NANO, Vol.3, Issue: 5 Pages: 982-996, Published: 2016   | 5 |  | 5 |
| 107. | Khaled Brahmi, Wided Bouguerra, Hamza Belhsan, Elimame Elaloui, Mouna Loungou, Zied Tlili, Béchir Hamrouni (2016), Use of Electrocoagulation with Aluminum Electrodes to Reduce Hardness in Tunisian Phosphate Mining Process Water, Mine Water and the Environment, ISSN: 1025-9112 (Print) 1616-1068 (Online), Volume 35, Issue 3, pp 310–317   | 5 |  | 5 |
| 108. | Mahmoud, Mamdoh R.; Soliman, Mohamed A.; Ali, Azza H.; et al., Kinetic studies on radio-selenium uptake by ion exchange resin, SEPARATION SCIENCE AND TECHNOLOGY Vol. 51, Issue: 6, Pages: 976-989, Published: 2016   | 5 |  | 5 |
| 109. | Nicholas C Collier, Transition and Decomposition Temperatures of Cement Phases – a Collection of Thermal Analysis Data, October 2016, Ceramics Silikaty 60(4), pp.338--343 , DOI: 10.13168/cs.2016.0050   | 5 |  | 5 |
| 110. | Pinto, Patricio X.; Al-Abed, Souhail R.; Balz, David A.; et al., Bench-Scale and Pilot-Scale Treatment Technologies for the Removal of Total Dissolved Solids from Coal Mine Water: A Review, Mine water and the environment , Vol. 35, Issue: 1, Pages: 94- 112, Published: MAR 2016   | 5 |  | 5 |

|      |  |   |  |   |
|------|--|---|--|---|
| 111. | Soliman, Mohamed A.; Mahmoud, Mamdoh R.; Ali, Azza H.; et al., The sorption mechanism of Selenium-75 on Amberlite MB9L, JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY Volume: 307 Issue: 1 Pages: 567-575 Published: JAN 2016   | 5 |  | 5 |
| 112. | Shen, Chen; Min, Min; Fang, Lei; et al., Investigation of highly selective regenerative cellulose microcolumn for selenium detection and efficient recovery, TETRAHEDRON Volume: 72 Issue: 50 Pages: 8309-8318 Published: DEC 15 2016  | 5 |  | 5 |
| 113. | Xu, Lili; Chen, Jie; Wen, Yuezhong; et al., Fast and effective removal of cadmium ion from water using chitosan encapsulated magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles, DESALINATION AND WATER TREATMENT, Vol. 57, Issue: 18, Pages: 8540-8548, Published: APR 14 2016   | 5 |  | 5 |
| 114. | M Min, C Shen, L Fang, B Zhu, J Li, L Yao, (2017) Design of a selective regenerable cellulose microcolumn for selenium efficient recovery and economic determination, Chemical Engineering Research and Design, ISSN: 0263-8762 <a href="https://doi.org/10.1016/j.cherd.2016.11.032">https://doi.org/10.1016/j.cherd.2016.11.032</a> , Volume 117, January 2017, Pages 773-783                            | 5 |  | 5 |
| 115. | Megha Thakkar, Somenath Mitra (2017), Bimetallic Oxide Nanohybrid Synthesized from Diatom Frustules for the Removal of Selenium from Water, Journal of Nanomaterials; ISSN: 1687-4110 (Print), ISSN: 1687-4129 (Online) 2017(13):1-9 DOI10.1155/2017/1734643,pp.1-9  | 5 |  | 5 |
| 116. | N Mameda, HJ Park, KH Choo, Membrane electro-oxidizer: A new hybrid membrane system with electrochemical oxidation for enhanced organics and fouling control, Water Research, 2017 - Elsevier  | 5 |  | 5 |
| 117. | N Tian, Z Zhou, X Tian, C Yang, Y Li, (2017) Superior capability of MgAl <sub>2</sub> O <sub>4</sub> for selenite removal from contaminated groundwater during its reconstruction of layered double hydroxides, Separation and Purification Technology, ISSN: 1383-5866, <a href="https://doi.org/10.1016/j.seppur.2016.11.062">https://doi.org/10.1016/j.seppur.2016.11.062</a> , Volume 176, Pages 66-72 | 5 |  | 5 |
| 118. | S Garcia-Segura, MMSG Eiband, JV de Melo, Electrocoagulation and advanced electrocoagulation processes: A general review about the fundamentals, emerging applications and its association with other technologies, Journal of Electroanalytical Chemistry, ISSN 1572-6657, Volume 801, 15 September 2017, Pages 267-299   | 5 |  | 5 |
| 119. | W Chai, Y Huang, S Su, G Han, J Liu (2017), Adsorption behavior of Zn (ii) onto natural minerals in wastewater. A comparative study of bentonite and kaolinite, Physicochemical Problems of Mineral Processing ISSN: 1643-1049, Vol. 53, iss. 1, pp. 264--278  | 5 |  | 5 |
| 120. | W Chai, Y Huang, G Han, J Liu, S Yang...An Enhanced Study on Adsorption of Al (iii) onto Bentonite and Kaolin: Kinetics, Isotherms, and Mechanisms - Mineral Processing and ..., 2017 - Taylor & Francis   | 5 |  | 5 |
| 121. | Wenwen Cui, Ping Li, Zheming Wang, Shili Zheng, Yi Zhang, Adsorption study of selenium ions from aqueous solutions using MgO nanosheets synthesized by ultrasonic method, August 2017, Journal of Hazardous Materials, ISSN: 0304-3894, 341, DOI 10.1016/j.jhazmat.2017.07.073, pp. 268-276  | 5 |  | 5 |
| 122. | Zhenzhen Lu, Junxia Yu, Hongbo Zeng, Qingxia Liu (2017), Polyamine-modified magnetic graphene oxide nanocomposite for enhanced selenium removal, Separation and Purification Technology, ISSN: 1383-5866, Volume 183, Pages 249-257, <a href="https://doi.org/10.1016/j.seppur.2017.04.010">https://doi.org/10.1016/j.seppur.2017.04.010</a>   | 5 |  | 5 |
| 123. | Z Lu, J Yu, H Zeng, Q Liu, Polyamine-modified magnetic graphene oxide nanocomposite for enhanced selenium removal, Separation and Purification Technology, 2017 - Elsevier   | 5 |  | 5 |
| 124. | Daniel B., Gingerich Eric J., Grol Meagan S. Mauter (2018), Fundamental Challenges and Engineering Opportunities in Flue Gas Desulfurization Wastewater Treatment at Coal Fired Power Plants, Environmental Science: Water Research & Technology Print + online 2018: ISSN: 2053-1400, Online only 2018: ISSN: 2053-1419, 4(7), DOI: 10.1039/C8EW00264A  | 5 |  | 5 |

|      |   |   |  |   |
|------|---|---|--|---|
| 125. | Ghada M Rashad, Mohamed Soliman, Mamdoh R. Mahmoud (2018), Removal of radioselenium oxyanions from aqueous solutions by adsorption onto hydrous zirconium oxide, Journal of Radioanalytical and Nuclear Chemistry, ISSN: 0236-5731 (Print) 1588-2780 (Online), Volume 317, Issue 1, pp 593–603, Springer, DOI:10.1007/s10967-018-5916-z   | 5 |  | 5 |
| 126. | Henrik K. Hansen, Sebastián Franco, PeñaClaudia, Gutiérrez Andrea, Lazo Lisbeth, M. Ottosen (2018), Selenium removal from petroleum refinery wastewater using an electrocoagulation technique, Journal of Hazardous Materials, ISSN: 0304-3894 364, DOI: 10.1016/j.jhazmat.2018.09.090  | 5 |  | 5 |
| 127. | Huan Ouyang, Ning ChenGuojing, ChangXiaoliang, Zhao Dongjiang Yang and others, Selective Capture of Toxic SeO <sub>3</sub> <sup>2-</sup> by Bismuth-based Metal-Organic Frameworks, July 2018, Angewandte Chemie International Edition 57(40), DOI: 10.1002/anie.201807891  | 5 |  | 5 |
| 128. | Long Liu, Ning Chen, Yong Lei, Xuyan Xue, Dongjiang Yang and others, Micro-nanostructured δ-Bi <sub>2</sub> O <sub>3</sub> with surface oxygen vacancies as superior adsorbents for SeO <sub>x</sub> <sup>2-</sup> ions, August 2018, Journal of Hazardous Materials 360, DOI: 10.1016/j.jhazmat.2018.08.025  | 5 |  | 5 |
| 129. | Padmalaya Gurunathan, Sivaram Hari, Sreeja Balakrishnapillai, Suseela Radha, Sankararajan, Arivanandan Mukannan (2018), Production, characterization and effectiveness of cellulose acetate functionalized ZnO nanocomposite adsorbent for the removal of Se (VI) ions from aqueous media, Environmental Science and Pollution Research, ISSN: 0944-1344 (Print) 1614-7499 (Online), DOI: 10.1007/s11356-018-3472-2 | 5 |  | 5 |
| 130. | Shiqing Gu, Xiaonan Kang, Lan Wang, Eric Lichtfouse, Chuanyi Wang (2018), Clay mineral adsorbents for heavy metal removal from wastewater: a review, Environmental Chemistry Letters, ISSN: 1610-3653 (Print) 1610-3661 (Online), DOI: 10.1007/s10311-018-0813-9  | 5 |  | 5 |
| 131. | Vijaykumar L.Dhadge, Chitta Ranjan, Medhi Murchana, ChangmaiMihir, Kumar Purkait, (2018) House hold unit for the treatment of fluoride, iron, arsenic and microorganism contaminated drinking water, Chemosphere, ISSN: 0045-6535, Volume 199, May 2018, Pages 728-736 Elsevier, <a href="https://doi.org/10.1016/j.chemosphere.2018.02.087">https://doi.org/10.1016/j.chemosphere.2018.02.087</a>                  | 5 |  | 5 |
| 132. | Wenwen Cui,a,b Ping Li,Zheming Wang,c Shili Zheng, a and Yi Zhanga (2018), Adsorption study of selenium ions from aqueous solutions using MgO nanosheets synthesized by ultrasonic method, Journal of Hazardous Materials, ISSN: 0304-3894, Volume 341, Pages 268-276, Elsevier   | 5 |  | 5 |
| 133. | Y Zhang, M Kuroda, Y Nakatani, S Soda, MichihikoIke (2018), Removal of selenite from artificial wastewater with high salinity by activated sludge in aerobic sequencing batch reactors, Journal of Bioscience and Bioengineering, ISSN: 1389-1723, Available online 28 November 2018, Elsevier, 2018, <a href="https://doi.org/10.1016/j.jbiosc.2018.11.002">https://doi.org/10.1016/j.jbiosc.2018.11.002</a>       | 5 |  | 5 |
| 134. | Yu Liu, Zefen, JingTao, Zhang Qiuyun, Chena Fengxian, QiuYinxian, Peng ShengTang, (2018) Fabrication of functional biomass carbon aerogels derived from sisal fibers for application in selenium extraction, Food and Bioproducts Processing, ISSN: 0960-3085, Volume 111, Pages 93-103, Elsevier, 2018 <a href="https://doi.org/10.1016/j.fbp.2018.07.004">https://doi.org/10.1016/j.fbp.2018.07.004</a>           | 5 |  | 5 |
| 135. | D. Syam Babu, T. S. Anantha Singh, P. V. Nidheesh, M. Suresh Kumar, Industrial wastewater treatment by electrocoagulation process, Separation Science and Technology, Taylor & Francis, <a href="https://doi.org/10.1080/01496395.2019.1671866">https://doi.org/10.1080/01496395.2019.1671866</a> , Print ISSN: 0149-6395 Online ISSN: 1520-5754, 2019  | 5 |  | 5 |
| 136. | Ewelina Ksepko, Joanna Klimontko, Anna Kwiecinska, Industrial wastewater treatment wastes used as oxygen carriers in energy generation processes: A green chemistry approach, Journal of Thermal Analysis and Calorimetry, DOI: 10.1007/s10973-019-08214-8, 2019– Springer  | 5 |  | 5 |

|      |  |   |  |   |
|------|--|---|--|---|
| 137. | HK Hansen, SF Peña, C Gutiérrez, A Lazo, Selenium removal from petroleum refinery wastewater using an electrocoagulation technique, <i>Journal of Hazardous Materials</i> , Volume 364, Pages 78-8, Elsevier <a href="https://doi.org/10.1016/j.jhazmat.2018.09.090">https://doi.org/10.1016/j.jhazmat.2018.09.090</a> , ISSN: 0304-3894, 2019   | 5 |  | 5 |
| 138. | K Kalaitzidou, AA Nikolettopoulos, N Tsiftsakis, Adsorption of Se (IV) and Se (VI) species by iron oxy-hydroxides: Effect of positive surface charge density, <i>Science of The Total Environment</i> , Volume 687, Pages 1197-1206, Elsevier <a href="https://doi.org/10.1016/j.scitotenv.2019.06.174">https://doi.org/10.1016/j.scitotenv.2019.06.174</a> , ISSN: 0048-9697, 2019                  | 5 |  | 5 |
| 139. | Y Zhang, M Kuroda, Y Nakatani, S Soda, Removal of selenite from artificial wastewater with high salinity by activated sludge in aerobic sequencing batch reactors, <i>Journal of Bioscience and Bioengineering</i> , Volume 127, Issue 5, Pages 618-624, Elsevier, <a href="https://doi.org/10.1016/j.jbiosc.2018.11.002">https://doi.org/10.1016/j.jbiosc.2018.11.002</a> , ISSN: 1389-1723, 2019   | 5 |  | 5 |
| 140. | MT Amin, AA Alazba, M Shafiq, Application of the biochar derived from orange peel for effective biosorption of copper and cadmium in batch studies: isotherm models and kinetic studies, <i>Arabian Journal of Geosciences</i> 12:46, Springer, <a href="https://doi.org/10.1007/s12517-018-4184-0">https://doi.org/10.1007/s12517-018-4184-0</a> , ISSN: 1866-7511 (Print) 1866-7538 (Online), 2019 | 5 |  | 5 |
| 141. | Z Jin, S Deng, Y Wen, Y Jin, L Pan, Y Zhang, Application of <i>Simplicillium chinense</i> for Cd and Pb biosorption and enhancing heavy metal phytoremediation of soils, <i>Science of The Total Environment</i> , Volume 697, 134148, Elsevier <a href="https://doi.org/10.1016/j.scitotenv.2019.134148">https://doi.org/10.1016/j.scitotenv.2019.134148</a> , ISSN: 0048-9697, 2019                | 5 |  | 5 |
| 142. | A Gafoor, N Ali, S Kumar, S Begum, Z Rahman, Applicability and new trends of different electrode materials and its combinations in electro coagulation process: A brief review - <i>Materials Today ...</i> , 2020 - Elsevier <a href="https://doi.org/10.1016/j.matpr.2020.05.379">https://doi.org/10.1016/j.matpr.2020.05.379</a>  | 5 |  | 5 |
| 143. | BB Negi, A Sinharoy, K Pakshirajan, Selenite removal from wastewater using fungal pelleted airlift bioreactor - <i>Environmental Science and Pollution Research</i> (2020) 27:992–1003 <a href="https://doi.org/10.1007/s11356-019-06946-60">https://doi.org/10.1007/s11356-019-06946-60</a> - Springer  | 5 |  | 5 |
| 144. | BP Mora, Fernando A.Bertonib, María F.Mangiameli, Juan C.González, Sebastián E.Bellú, Batch and fixed-bed column studies of selenite removal from contaminated water by orange-peel-based sorbent - <i>Water Science and Engineering</i> , Available online 11 December 2020- Elsevier, pp.1-14  | 5 |  | 5 |
| 145. | Bharat Bhushan ,Negi Arindam ,Sinharoy Arindam, Sinharoy, Kannan Pakshirajan, Selenite removal from wastewater using fungal pelleted airlift bioreactor, (2020) <i>Environmental Science and Pollution Research</i> 27(1), DOI: 10.1007/s11356-019-06946-6, Springer   | 5 |  | 5 |
| 146. | D Syam Babu, TS Anantha Singh..., <i>Industrial wastewater treatment by electrocoagulation process</i> , - <i>Separation Science and Technology</i> Volume 55, 2020 - Issue 17, Scopus, Pages 3195-3227  | 5 |  | 5 |
| 147. | F Han, Y Zong, D Jassby, J Wang, J Tian, The interactions and adsorption mechanisms of ternary heavy metals on boron nitride, <i>Environmental Research</i> , Volume 183, 109240, pp.1-8, 2020 – Elsevier  | 5 |  | 5 |
| 148. | MD Öztel, A Kuleyin, F Akbal Treatment of zinc plating wastewater by combination of electrocoagulation and ultrafiltration process, <i>Water Science and Technology</i> , (2020) 82 (4): 663–672. <a href="https://doi.org/10.2166/wst.2020.357">https://doi.org/10.2166/wst.2020.357</a>  | 5 |  | 5 |
| 149. | Meher, A.K., Jadhav, A., Labhsetwar, N., Amit Bansiwala, Simultaneous removal of selenite and selenate from drinking water using mesoporous activated alumina. <i>Appl Water Sci</i> 10, 10 (2020), p.1-12. <a href="https://doi.org/10.1007/s13201-019-1090-x">https://doi.org/10.1007/s13201-019-1090-x</a> - Springer   | 5 |  | 5 |
| 150. | HK Hansen, S Franco Peña... , Electrochemical peroxidation using iron nanoparticles and anodic iron dissolution to remove selenium from oil refinery wastewater, <i>Journal of Water and Environment</i> , 2020, Volume34, Issue 2, May 2020, pages 284-290  | 5 |  | 5 |



|      |   |   |  |   |
|------|---|---|--|---|
| 151. | SO Okonji, JA Dominic, D Pernitsky, G Achari, Removal and recovery of selenium species from wastewater: Adsorption kinetics and co-precipitation mechanisms- Journal of Water Process Engineering, Volume 38, December 2020, 101666, pp 1-10 – Elsevier   | 5 |  | 5 |
| 152. | Martin, Julia, et al. Biodegradable Polymers and Their Bionanocomposites Based on Layered Silicates: Environmental Applications. In: Biodegradable and Environmental Applications of Bionanocomposites. Springer, Cham, 2023. p. 1-30.  | 5 |  | 5 |
|      | <b>Kostadinova, A., E. Todorova: Preliminary Treatment of Mining Waste for the Purposes of Their Utilization. Forestry Ideas, 21 (1), 47 (2015).</b><br><b>Цитирано в :</b>   |   |  |   |
| 153. | Petrov, P., Chemical And Physicochemical Parameters of Recultivated Embankments of Maritsa–Iztok Mine in Relation to Development of Soil Formation Process, Journal of Environmental Protection and Ecology 20, No 2, 912–923 (2019)  | 5 |  | 5 |
| 154. | Lukupudis S., R. Kuzmanova. 2019. Suitability of Plant Species and Herbaceous Compositions for Biological Reclamation of Landfills. Journal of Balkan Ecology. 22, (4), p.409-419 .   | 5 |  | 5 |
|      | <b>Todorova, E., A. Kostadinova, Risks of environmental pollution from mining waste from ore-containing copper processin, Journal of Environmental Protection and Ecology 20,ISBN: ISSN 1311-5066 vol No 1, (2019), p.397-403</b><br><b>Цитирано в:</b>   |   |  |   |
| 155. | Y.Lin , Y. Jiao, M.Zhao, G.Wang, D. Wang, W. Xiao, H. Li, Zh. Xu, Y.Jiang, Ecological Restoration of Wetland Polluted by Heavy Metals in Xiangtan Manganese Mine Area, Processes 2021, 9, 1702.<br><a href="https://doi.org/10.3390/pr9101702">https://doi.org/10.3390/pr9101702</a> , 2-15, 2021 - mdpi.com Scopus and Web of Science  | 5 |  | 5 |
|      | <b>Brankova, S.R.; Todorova, E.I. Ecological management of sludge from wastewater treatment plants—A criterion for sustainable development of settlements. In Proceedings of the XIX International Scientific Conference “Management and Sustainable Development”, Yundola, Bulgaria, 24–26 March 2017; pp. 63–67.</b><br><b>Цитирано в :</b>   |   |  |   |
| 156. | Boyka Z. Malcheva, Petar G. Petrov and Veneta V. Stefanova, Microbiological Control in Decontamination of Sludge from Wastewater Treatment Plant, Processes 2022, 10, 406. <a href="https://doi.org/10.3390/pr10020406">https://doi.org/10.3390/pr10020406</a> , Web of Science), IF(2021)=3.352  | 5 |  | 5 |
| Д11  | Цитирания в монографии и колективни томове с научно рецензиране   |   |  |   |
|      | <b>Kostadinova, A., E. Todorova . (2015). Preliminary Treatment of Mining Waste for the Purposes of Their Future Utilization. Forestry Ideas, vol.21, №1 (49), 47-53.</b><br><b>Цитирано в:</b>   |   |  |   |
| 1.   | Петър Петров, Подходи при рекултивацията на Източно насипище, Рудник „Елаците“ 2019 Издателство „Авангард Прима“, ISBN: ISBN 978-619-239-295-6  | 3 |  | 3 |
|      | <b>Mavrov,V., S. Stamenov, E. Todorova, H. Chmiel and T. Erwe, New hybrid electrocoagulation membrane process for removing selenium from industrial wastewater, Desalination (The International Journal on the Science and Technology of Desalting and Water Purification) Volume 201, Issues 1–3, (2006), 290-296, ISSN: 0011-9164, Elsevier, Q1, IF =0,636</b><br><b>Цитирано в :</b> |   |  |   |

|     |  |   |  |   |
|-----|--|---|--|---|
| 2.  | Caliphs M Zvinowanda, Jonathan O Okonkwo, Nana M Agyei, Removal of Se and Sr and other metals from contaminated water by tassel powder, Water Institute of South Africa, 180, Published : 2008   | 3 |  | 3 |
| 3.  | Tian C. Zhang, Rao Y. Surampalli, Saravanamuthu Vigneswarn, R.D. Tyagi, Say Leong Ong and C.M. Kao, Membrane technology and environmental Application, Book Environmental and water resources institute, USA ISBN: 978-0-7844-1227-5 (paper); ISBN: 978-0-7844-7689-5 (e-book), Published 2012   | 3 |  | 3 |
| 4.  | Pei Xu, Brian Elson, Jörg E Drewes, Electrosorption of Heavy Metals with Capacitive Deionization: Water Reuse, Desalination and Resources Recovery, Chapter 12 of the book: Desalination: Water from Water, Book Editor(s): Jane Kucera, First published: 15 April 2019, <a href="https://doi.org/10.1002/9781119407874.ch12">https://doi.org/10.1002/9781119407874.ch12</a> Print ISBN:9781119407744  Online ISBN:9781119407874 | 3 |  | 3 |
| 5.  | Carlos Navas, Herman Murillo, Maibelin Rosales, Maibelin Rosales, Florinella Muñoz, Materials Involved in Electrocoagulation Process for Industrial Effluents, (2020), DOI: 10.1201/9780429200205-12, In book: New Technologies for Electrochemical Applications   | 3 |  | 3 |
| 6.  | M Naushad, S Rajendran, AM Al-Enizi - 2020 - books.google.com, New Technologies for Electrochemical Applications, edited by Mu. Naushad, Saravanan Rajendran, Abdullah M. Al-Enizi, 271 p. DOI: 10.1201/9780429200205, ISBN: 9780429200205   | 3 |  | 3 |
| Д12 | Цитирания или рецензии в нереферирани списания с научно рецензиране  |   |  |   |
|     | <b>Todorova, Ek., Iv. Dombalov, Production of Phosphoric Acid with Low Content of Impurities, Fertilizer Research, Kluwer Academic Publishers, Netherlands, 1995, 41, 125-128</b><br><b>Цитирано в :</b>   |   |  |   |
| 1.  | P. Kostadinova, D. Dimchev, Evgeni Sokolovski, Atmospheric pollution with sulphur and nitrogen containing gases and possibilities for protection, January (2006) Journal of environmental protection and ecology 7(3):588-593  | 2 |  | 2 |
|     | <b>Todorova, Ek., Iv. Dombalov, Y. Pelovsky, Thermal Decomposition of Hospital Wastes, Proceedings of the 4-th International Conference of the Balkan Environmental Association BENA, Transboundary Pollution, 18-21 October, 2001, Edrine, Turkey, Journal of Environmental Protection and Ecology, vol.3, No3, 2002, 743-750</b><br><b>Цитирано в :</b>  |   |  |   |
| 2.  | Ciceri, Giovanni, et al. Area: Produzione di energia elettrica e protezione dell'ambiente. 2010.   | 2 |  | 2 |
|     | <b>Mavrov, V., S. Stamenov, E. Todorova, H. Chmiel and T. Erwe, New hybrid electrocoagulation membrane process for removing selenium from industrial wastewater, Desalination (The International Journal on the Science and Technology of Desalting and Water Purification) Volume 201, Issues 1-3, (2006), 290-296, ISSN: 0011-9164, Elsevier, Q1, IF =0,636</b><br><b>Цитирано в :</b>   |   |  |   |
| 3.  | C. Namasivayam, K Prathap, Uptake of Molybdate by Adsorption onto Industrial Solid Waste Fe(III)/Cr(III) Hydroxide: Kinetic and Equilibrium studies, September 2006, Environmental Technology 27(8):923-32, DOI: 10.1080/09593332708618705   | 2 |  | 2 |
| 4.  | Nader Yousefi, The efficiency of electrocoagulation process using aluminum electrodes in removal of hardn..., Iranian Journal of Environmental Health Science & Engineering 01/2009; 6(2).   | 2 |  | 2 |

|     |   |   |  |   |
|-----|---|---|--|---|
| 5.  | Malakootian, M., Yousefi, N., The efficiency of electrocoagulation process using aluminum electrodes in removal of hardness from water, IRANIAN JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE AND ENGINEERING Volume: 6 Issue: 2, 2009, Pages: 131-136  | 2 |  | 2 |
| 6.  | Kitae Baeka, Naji Kasemb, Ali Ciblak, Dorothy Vesperd, Akram N. Alshwabkeh, Electrochemical Reduction of Selenate Using Reactive Anode, March 2012, Geotechnical Special Publication, DOI:10.1061/9780784412121.413, Conference: GeoCongress 2012   | 2 |  | 2 |
| 7.  | MA Hasan, MA Hashem, MN Arman... Batch Electrocoagulation Process for Removal of Chromium from Tannery Wastewater, Journal of Engineering ..., 2021 - banglajol.info  | 2 |  | 2 |
| 8.  | Yang, Zilan, et al. Cost-Effective Cathode Materials To Electrochemically Tackle Aquatic Selenite Pollution. ACS ES&T Engineering, 2023.  | 2 |  | 2 |
|     | <b>Kostadinova, A., E. Todorova Characterisation and Classification of Mine Wastes, Journal of Environmental Protection and Ecology 15, 2014, No 2, 558–564</b><br><b>Цитирано в :</b>  |   |  |   |
| 9.  | Serafimova, E., Veneta Stefanova, Approaches for reclamation of embankments from the extraction of polymetallic ores with soil improvers from waste and R. acetosella, and R. patientia, International Scientific Conference „Conserving Soils and Water 2020 ” 26-29.08.2020 Borovets, Bulgaria, 18-21 ISSN (PRINT) 2535-0234, ISSN (ONLINE) 2535-0242   | 2 |  | 2 |
| 10. | Petrov, P., Utilization of by-products generated by a wood gasification plant through its use for the reclamation of disturbed terrains, September 2019, CBU International Conference Proceedings 7, Vol 7 (2019): p. 975-981 DOI: 10.12955/cbup.v7. 1420 .   | 2 |  | 2 |
| 11. | Stefanova, V., P. Petrov and E Zheleva, Possibilities for Use of Vermiculite in Recultivation of Embankments Obtained as a Result of the Deposit of Mining Waste from the Extraction of Copper Ores, International Conference on Innovative Research - ICIR EUROINVENT 2020 IOP Conf. Series: Materials Science and Engineering 877 (2020) 012042 IOP Publishing doi:10.1088/1757-899X/877/1/012042 | 2 |  | 2 |
| 12. | Zydroń, T., Gruchot A.,E. Zawisza, Geotechnical characteristics of unburnt colliery spoils after coal-recovery, MATEC Web of Conferences vol. 262, 04006, https://doi.org/10.1051/mateconf/201926204006, p.1-7, eISSN: 2261-236X, 2019  | 2 |  | 2 |
| 13. | Kisheva, Antoniya. Role of transcranial doppler for assessment of persistent foramen ovale in patients with stroke. Knowledge-International Journal, 2019, 30(4): 757-759.  | 2 |  | 2 |
|     | <b>Kostadinova, A., E. Todorova . (2015). Preliminary Treatment of Mining Waste for the Purposes of Their Future Utilization. Forestry Ideas, vol.21, №1 (49), 47-53.</b><br><b>Цитирано в:</b>   |   |  |   |
| 14. | Petar Gospodinov Petrov, Utilization of by-products generated by a wood gasification plant through its use for the reclamation of disturbed terrains, September 2019 CBU International Conference Proceedings 7, Vol 7 (2019): p 975-981, DOI: 10.12955/cbup.v7. 1420 .   | 2 |  | 2 |
|     | <b>E. Todorova, A. Kostadinova, Risks of environmental pollution from mining waste from ore-containing copper processin, Journal of Environmental Protection and Ecology 20,ISBN: ISSN 1311-5066 vol No 1, (2019), p.397-403</b><br><b>Цитирано в:</b>  |   |  |   |
| 15. | Serafimova, E., V. Stefanova, Approaches for reclamation of embankments from the extraction of polymetallic ores with soil improvers from waste and R. acetosella, and R. patientia, International Scientific Conference  | 2 |  | 2 |

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|     | „Conserving Soils and Water 2020 ” 26-29.08.2020 Borovets, Bulgaria, 18-21, ISSN (PRINT) 2535-0234, ISSN (ONLINE) 2535-0242,   |   |  |   |
| 16. | Stefanova, V., P Petrov and E Zheleva, Possibilities for Use of Vermiculite in Recultivation of Embankments Obtained as a Result of the Deposit of Mining Waste from the Extraction of Copper Ores, International Conference on Innovative Research - ICIR EUROINVENT 2020 IOP Conf. Series: Materials Science and Engineering 877 (2020) 012042 IOP Publishing doi:10.1088/1757-899X/877/1/012042 | 2 |  | 2 |
| 17. | Miteva, I., P Petrov, V Stefanova, Potential of phytomining in Bulgaria, IOP Conference Series IOP Conference Series: Materials Science and Engineering, Volume 1264, X International Geomechanics Conference (X IGC 2022) 18/09/2022 - 23/09/2022 Varna, Ser.: Mater. Sci. Eng. 1264 012005 DOI 10.1088/1757-899X/1264/1/012005, 2022 - iopscience.iop.org  | 2 |  | 2 |
| 18. | Stefanova, V., P Petrov, Methodology for assessing of the restoration processes in reclaimed areas disturbed by polymetallic ore mining, - IOP Conference Series: Materials IOP Conf. Ser.: Mater. Sci. Eng. 1264 012004 DOI 10.1088/1757-899X/1264/1/012004, 2022 - iopscience.iop.org  | 2 |  | 2 |
| 19. | Stefanova, V., P.Petrov, Phytoremediation of post-mining disturbed land, Sustainable extraction and processing of raw materials journal, 2022, 72-77   | 2 |  | 2 |
| 20. | Petrov, P., V.Stefanova, Bottom ash utilization in reclamation of disturbed terrains, International journal of conservation science, Volume 13, Issue 3, ISSN: 2067-533X July-September 2022: 1025-1036  | 2 |  | 2 |
|     | <b>A. Kostadinova, E., T. Krumov, Opportunities for stabilization of forest roads using coal mining waste, Web of Scholar 8(8), ISSN 2518-167X, 2016, p. 25-27</b><br><b>Цитирано в:</b>   |   |  |   |
| 21. | Stefanova, V., P Petrov, E Zheleva, Possibilities for Use of Vermiculite in Recultivation of Embankments Obtained as a Result of the Deposit of Mining Waste from the Extraction of Copper Ores, International Conference on Innovative Research - ICIR EUROINVENT 2020 IOP Conf. Series: Materials Science and Engineering 877 (2020) 012042 IOP Publishing doi:10.1088/1757-899X/877/1/012042    | 2 |  | 2 |
| 22. | Stefanova, V., P.Petrov, Phytoremediation of post-mining disturbed land, Sustainable extraction and processing of raw materials journal, 2022, 72-77   | 2 |  | 2 |
| 23. | Miteva, I., P Petrov, V Stefanova, Potential of phytomining in Bulgaria, IOP Conference Series IOP Conference Series: Materials Science and Engineering, Volume 1264, X International Geomechanics Conference (X IGC 2022) 18/09/2022 - 23/09/2022 Varna, Ser.: Mater. Sci. Eng. 1264 012005 DOI 10.1088/1757-899X/1264/1/012005, 2022 - iopscience.iop.org  | 2 |  | 2 |
| 24. | Petrov, P., V.Stefanova, Bottom ash utilization in reclamation of disturbed terrains, International journal of conservation science, Volume 13, Issue 3, ISSN: 2067-533X July-September 2022: 1025-1036  | 2 |  | 2 |
|     | <b>Stamenov S., S. Stoev, S. Strashimirov, S. Dobrev, E. Todorova, Optimization of Ore Dressing Process in the Akdaga Mine, Turkey, Proceeding of The XXIII International Mineral Processing Congress, Ed. by Guven Onal, N.Acarkan, and al., Istanbul Technical University, Promedadvertising Agency, (2006), Pages 791-795</b>   |   |  |   |
| 25. | Waanders, F.B. Quentin Peter Campbell, Improved gold recovery by accelerated gravity separation, October 2014, Conference: IMPC2014At: Santiago Chile  | 2 |  | 2 |
|     | <b>Stefanova, V., E. Todorova, The Influence of the ph of Mining Waste from the Copper Mining on the Biological Reclamation of the Embankments, KNOWLEDGE – International Journal, Vol. 35, (2019), 865-869, ISSN 2545-4439, ISSN 1857-923X, Global Impact&amp;Quality Factor 1.322</b>  |   |  |   |

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|--|--|------|----|------------|
| 26.  | Kooyomjian, C., D.Giarikos, M. Adkesson, A.C. Hiron, Evaluation of trace element concentrations in the serum and vibrissae of peruvian pinnipeds (arctocephalus australis and otaria byronia- J Wildl Dis (2022) 58 (3): 608–620, <a href="https://doi.org/10.7589/JWD-D-21-00104-meridian.allenpress.com">https://doi.org/10.7589/JWD-D-21-00104-meridian.allenpress.com</a>  | 2    |    | 2          |
| <b>ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „Д“:</b> |  |      |    | <b>850</b> |
| E13  | Придобита научна степен „Доктор на науките“  | -    | -  | -          |
| E14  | Ръководство на успешно защитил докторант (п е броят съ ръководители на съответния докторант)<br>1. <i>Александрина Георгиева Костадинова-Славева, задочен докторант по научна специалност „Екология и опазване на екосистемите“, защитила дисертационен труд за присъждане на ОНС „Доктор“ на 12.07.2016 г. Назначена като главен асистент през 2017 г. в катедра „Екология, опазване и възстановяване на околната среда“ към ФЕЛА. (доказателство №63)</i><br>2. <i>Савина Руменова Бранкова, редовен докторант по научна специалност „Екология и опазване на екосистемите“, защитила дисертационен труд за присъждане на ОНС „Доктор“ на 08.09.2020 г. Назначена като асистент през 2022 г. в катедра „Екология, опазване и възстановяване на околната среда“ към ФЕЛА. (доказателство №63)</i>  | 40/n | 2  | 80         |
| E15  | Участие в национален научен или образователен проект<br>1. <i>Тема НИС-ОД 1069/2020: „Лабораторно-аналитични дейности, авторски контрол и изготвяне на доклад по проект за „Мелиоративно-технически мероприятия за възстановяване на нарушените функции на почвите в Дънди Преиъс Металс Челопеч (ДПМЧ) и трайното им запазване“, Възложител ДПМЧ, 2020-2021 (доказателство №89)</i><br>2. <i>Тема НИС-ОД 1178 /2021: „Биологичен мониторинг – част растителност на проект Крумовград, в района на участък „Ада тепе“ на находище „Хан Крум“ на Дънди Преиъс Металс Крумовград ЕАД (ДПМК)“, Възложител ДПМК, 2021-2022 (доказателство №89)</i><br>3. <i>Тема НИС-ОД 1207/2022: Мониторинг на почвите в района на „Елаците МЕД“ АД, Възложител: „Елаците Мед“-АД, 2022-2023 (доказателство №89)</i><br>4. <i>Проект за анализ на състоянието на водите в района на производствена и складова база Стралджа -Мараи, общ. Стралджа след станалата крупна авария на 05.06.2012 г. (доказателство №93)</i><br>5. <i>Консултантска, научно-изследователска, експертна дейност, както и техническа помощ в областта на технологиите за третиране и оползотворяване на отпадъци и междинни полупродукти, за нуждите на „Екометал Инженеринг“-АД, 2008-2009, (доказателство №92)</i><br>6. <i>Изследвания и изготвяне на проект за изграждане на насип край "Свилоза" с използване на алтернативни на кариерните материали за насипа (сгуропепелина от ТЕЦ, строителни отпадъци от бетон и др.), финансирани от Свилоза-АД, 2009-2010, (доказателство №92)</i><br>7. <i>Проучване и съдействие за изготвяне на инсталация за провеждане на кинетичен тест на отпадъци от минна дейност на БММ-АД, с Възложител „Евротест Контрол“-АД, 2011, (доказателство №92)</i><br>8. <i>Предварително проучване за съдържанието на цветни, благородни, редки и разсеяни елементи в минните отпадъци на България, с Възложител Аупаг България, 2011-2012, (доказателство №92)</i><br>9. <i>Изготвяне на Методика за провеждане на „in situ“ изследвания за прогнозиране на качеството на рудничните води след закриване на рудник „Челопеч“, Възложител: „Дънди Преиъс Металс Челопеч“-ЕАД, 2012-2013, (доказателство №92)</i><br>10. <i>Охарактеризиране на отпадък от обогатяването на оловно-цинкова руда от хвостохранилище 2 на Горубсо Кърджали-АД, с Възложител Аупаг Германия, 2013, (доказателство №92)</i><br>11. <i>Доклад за анализ и оценка на пригодността на дълбоките пиезометри за екологичен мониторинг на подземни води, Възложител: „Дънди Преиъс Металс Челопеч“-ЕАД, 2013-2014, (доказателство №92)</i><br>12. <i>Доклад за охарактеризиране на подземните води в рудник „Челопеч“ (годишен), Възложител: „Дънди Преиъс Металс Челопеч“-ЕАД, 2013-2023, (доказателство №92)</i> | 10   | 18 | 180        |

|     |   |    |    |     |
|-----|---|----|----|-----|
|     | <p>13. Разработване на Доклади за охарактеризиране на минни отпадъци – 3 бр. от Асарел Медет-АД, с Възложител „Евротест Контрол“-АД, 2011, (доказателство №92)</p> <p>14. Разработване на доклади за оценка на съответствието на получените резултати с резултатите от основно охарактеризиране на минни отпадъци – 3 бр. от Асарел Медет-АД, с Възложител „Евротест Контрол“-АД, 2012-2022, (доказателство №92)</p> <p>15. Разработване на Доклади за охарактеризиране на минни отпадъци – 3 бр. от Елаците Мед-АД, с Възложител „Евротест Контрол“-АД, 2012, (доказателство №92)</p> <p>16. Разработване на доклади за оценка на съответствието на получените резултати с резултатите от основно охарактеризиране на минни отпадъци – 3 бр. от Елаците Мед-АД, с Възложител „Евротест Контрол“-АД, 2013-2023, (доказателство №92)</p> <p>17. Разработване на Доклад за охарактеризиране на минни отпадъци от Дънди Преиъс Металс Челопеч-АД, с Възложител „Евротест Контрол“-АД, 2019, (доказателство №92)</p> <p>18. Разработване на доклад за оценка на съответствието на получените резултати с резултатите от основно охарактеризиране на минен отпадък от Дънди Преиъс Металс Челопеч-АД, с Възложител „Евротест Контрол“, 2020-2022, (доказателство №92)</p>  |    |    |     |
| E16 | <p>Участие в международен научен или образователен проект</p> <p>1. Проект WASTEKIT по 7-ма рамкова програма на Европейския съюз за управление на отпадъците въз основа на знания и интеграция за транснационално икономическо развитие (GA245461), с Възложител БНОЦЕООС, 2009-2012, (доказателство №92)</p> <p>2. Проект „RAEST – Resilient affordable Eco-School Training” № 2018-1-BG01-KA201-047856, финансиран по Програмата за образование, обучение, младеж и спорт „Еразъм+“ на Европейския съюз (2018-2020) (доказателство №89)</p> <p>3. Проект HEI-ILCA 220194 „Иновационни лаборатории за климатични действия“ като участник в работния колектив и ръководител на курс „Кръгова икономика за устойчиво използване на природните ресурси“, работен пакет 1, 2022 г. (доказателство №90)</p>   | 20 | 3  | 60  |
| E17 | <p>Ръководство на национален научен или образователен проект</p> <p>1. Тема НИС-ОД-1155/17.05.2021 г. Извършване на верификация на Оценка за ненанасяне на значителни вреди (DNSH) на проект: „Реконструкция, възстановяване и модернизация на държавния хидромелиоративен фонд в Република България за устойчиво управление на водите и адаптиране към климатичните промени“, „Напоителни системи“-ЕАД, 2021(доказателство №89)</p> <p>2. Тема НИС-ОД-1231/19.09.2022 г. „Извършване на анализ на необходимостта и възможностите за изграждане на пречиствателно съоръжение за инфилтратата от Депото за нерадиоактивни битови и производствени отпадъци (ДНБПО)“, Възложител: АЕЦ Козлодуй, 2022 г. (доказателство №89)</p> <p>3. Охарактеризиране на жизнения цикъл на арсена от района на Ада тепе, с Възложител БММ-ЕАД, 2011-2012 (доказателство №92)</p> <p>4. Консултантски услуги по охарактеризиране на отпадъци и технология за третиране, ГеоekoКонсулт-РС-ООД, 2012, (доказателство №92)</p> <p>5. Изследване и охарактеризиране на жизнения цикъл на златото при обогатяването на медни руди в Елаците Мед-АД, с Възложител „Евротест Контрол“-АД, 2013, (доказателство №92)</p> <p>6. Изследване и охарактеризиране на жизнения цикъл на молибдена при обогатяването на медни руди в Елаците Мед-АД, с Възложител „Евротест Контрол“-АД, 2013, (доказателство №92)</p> <p>7. Доклад за одит с независима оценка по отношение на цялостния процес на управление на отпадъците в „Дънди Преиъс Металс Челопеч“-ЕАД, с Възложител „Дънди Преиъс Металс Челопеч“-АД, 2014, (доказателство №92)</p> <p>8. Доклад за „Анализ на жизнения цикъл на арсена от района на рудник „Челопеч“, Възложител: „Дънди Преиъс Металс Челопеч“-ЕАД, 2015, (доказателство №92)</p> | 20 | 15 | 300 |

|     |   |                              |          |
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|     | <p>9. Проучване на видовете и количествата опасни отпадъци от производствена дейност, за които в страната не са изградени съоръжения за третиране и оценка на необходимостта от изграждане на таква съоръжения, с Възложител Министерство на околната среда и водите, 2017-2018, (доказателство №92)</p> <p>10. Актуализация на Национален план за действие по управление на устойчивите организационни замърсители (УОЗ) 2012-2020 г. (НПДУОЗ) с включване на 6 нови УОЗ вещества в Регламент (ЕО) № 850/2004 и Стокхолмската конвенция в периода 2013 - 2017 г. и актуализация на състоянието на съответстващите 22 УОЗ вещества в Стокхолмската конвенция и Регламент (ЕО) 850/2004, с Възложител Министерство на околната среда и водите, 2018-2020, (доказателство №92)</p> <p>11. Изготвяне на „Двугодишен доклад на страните от Приложението I към РКООННН“, с Възложител Министерство на околната среда и водите, 2019, (доказателство №92)</p> <p>12. Изготвяне на частична предварителна оценка на въздействието на проект на Закон за изменение и допълнение на Закона за ограничаване изменението на климата, с Възложител Министерство на околната среда и водите, 2019, (доказателство №92)</p> <p>13. Доклади на Република България за текущи и бъдещи национални действия в сектора Ползване на земята, промяна на земеползването и горско стопанство (LULUCF) съгласно член 10 от Решение № 529/2013/ЕО, с Възложител Министерство на околната среда и водите, 2020, (доказателство №92)</p> <p>14. Извършване на инвентаризация на живаак, живачни съединения и смеси на живаак в България, с Възложител Министерство на околната среда и водите, 2020-2022, (доказателство №92)</p> <p>15. Разработване на осмото национално съобщение на Република България по реда на чл.12 на Рамковата конвенция на ООН по изменение на климата, с Възложител Министерство на околната среда и водите, 2022, (доказателство №92)</p> |                              |          |
| E18 | Ръководство на международен научен или образователен проект   | -                            | -        |
| E19 | Привлечени средства по проекти, ръководени от кандидата<br>Инфраструктурен и научен проект с международно финансиране и национално съфинансиране за изграждане на Център за компетентност „Чисти технологии за устойчива околна среда – води, отпадъци, енергия за кръгова икономика“. Размер на проекта за ЛТУ – 723068.42 лв. (Доказателство №88). Разходите за материални активи са 77% от цялата сума.  | I точка за<br>ВССКИ 5000 лв. | 1<br>144 |
| E20 | Публикуван университетски учебник или учебник, който се използва в училищната мрежа   | 40/п                         | -        |
| E21 | Публикувано университетско учебно пособие или учебно пособие, което се използва в училищната мрежа  | 20/п                         | -        |
| E22 | Публикувана заявка за патент или полезен модел  | 20                           | -        |
| E23 | Призната заявка за полезен модел, патент или авторско свидетелство  | 40                           | -        |
|     |   |                              | 764      |

ВСИЧКО ТОЧКИ ПО ГРУПА ПОКАЗАТЕЛИ „Е“:

Дата: 31. 01. 2023

Подпис на кандидата: ..... /доц. д-р инж. Екатерина Тодорова/

**Обобщена сравнителна таблица за оценка на съответствието с минималните национални изисквания (МНИ) на научната и публикационна дейност на кандидата**  
**ДОЦ. Д-Р ИНЖ. ЕКАТЕРИНА ИВАНОВА ТОДОРОВА** за участие в конкурс за заемане на академична длъжност "ПРОФЕСОР" по дисциплината „ТЕХНОЛОГИИ ЗА ОБРАБОТКА НА ТВЪРДИ ОТПАДЪЦИ“ в научна област **4. ПРИРОДНИ НАУКИ, МАТЕМАТИКА И ИНФОРМАТИКА, ПН 4.4. НАУКИ ЗА ЗЕМЯТА**

| Група от показатели | Съдържание                         | Изисквания за професор | Резултати на кандидата |
|---------------------|------------------------------------|------------------------|------------------------|
| <b>А</b>            | Показател 1                        | 50                     | 50                     |
| <b>Б</b>            | Показател 2                        | -                      | -                      |
| <b>В</b>            | Показатели 3 и 4                   | 100                    | 100                    |
| <b>Г</b>            | Сума от показателите от 5 до 9     | 200                    | 308,1                  |
| <b>Д</b>            | Сума от показателите от 10 до 12   | 100                    | 850                    |
| <b>Е</b>            | Сума от показателите от 13 до края | 150                    | 764                    |

Дата: 31. 01.2023

Подпис на кандидата: .....  
 /доц. д-р инж. Екатерина Тодорова/