Publications

Articles published in international journals

1. Éva Molnár, Dóra Rippel-Pethő, Géza Horváth, Zoltán Hodai, Róbert Bocsi, Bobek Janka: Benefits of Jet Reactor Application in Alkaline Gas Purification, PERIODICA POLYTECHNICA-CHEMICAL ENGINEERING, 60(2) pp. 74-77. (2016) DOI: 10.3311/PPch.8261
   Impact factor: 0,557
   Independent citations: 2

   1. Nagy, Tibor; Koczka, Katalin; Haáz, Enikő; Tóth, András József; Rácz, lászló; Mizsey, Péter
   Efficiency Improvement of CO2 Capture
   PERIODICA POLYTECHNICA-CHEMICAL ENGINEERING 61 : 1 pp. 51-58. , 8 p. (2017)

2. Tibor, Nagy; Stefania, Moioli; Stefano, Langé; Laura, A Pellegrini; Peter, Mizsey
   Improvement of Post-combustion Carbon Capture Process in Retrofit Case
   ENERGY PROCEDIA 114 pp. 1567-1575. , 9 p. (2017)

2. Éva Molnár, Dóra Rippel-Pethő, Géza Horváth, Bobek Janka, Róbert Bocsi, Zoltán Hodai: Pilot Study for Selective Hydrogen Sulfide Removal by a Jet Reactor, DONNISH JOURNAL OF PURE AND APPLIED CHEMISTRY, 2(1) pp. 1-4. (2016)
   Impact factor: -
   Independent citations: 1

   1. Kooti, Mohammad; Pourreza, Alimohammad; Rashidi, Alimorad
   Preparation of MIL-101-nanoporous carbon as a new type of nanoadsorbent for H2S removal from gas stream
   JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING 57 pp. 331-338. , 8 p. (2018)

3. Éva Molnár, Tamás Varga, Dóra Rippel-Pethő, Róbert Bocsi, Janka Bobek, Géza Horváth: Optimization of the sodium hydroxide assisted hydrogen sulfide selective removal from natural gas, CHEMICAL ENGINEERING COMMUNICATIONS 204(8), 974-981 (2017) DOI: 10.1080/00986445.2017.1328679
   Impact factor: 1,404 (Q2)
   Independent citations:2
1. Raj, K R ; Sunarti, A R
Preliminary Fractional Factorial Design (FFD) study using incorporation of Graphene Oxide in PVC in mixed matrix membrane to enhance CO2/CH4 separation
IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING 702 p. 012041 (2019)

2. Lau, Chun-Yin ; Guan, Jianyu ; Tse, Ho-Yin ; Yeung, Chi Shun ; Shum, Chiu
Wing ; Leu, Shao-Yuan
Enhancement of Elemental Sulfur Recovery from Wastewater Biogas Using Nickel (II)-(5,10,15,20)-tetrakis-phenylcarboxylporphyrin
KSCE JOURNAL OF CIVIL ENGINEERING 24 : 5 pp. 1424-1429. , 6 p. (2020)

4. Éva Molnár, Dóra Rippel-Pethő, Géza Horváth, Janka Bobek, Róbert Bocsi, Zoltán Hodai: Removal of hydrogen sulphide content from biogas by atomizing of alkali solution, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA LXII: (3) pp. 265-272. (2017) DOI:10.24193/subbchem.2017.3.22
Impact factor: 0,305 (Q4)
Independent citations: 2

1. Li, Z. ; Ji, X. ; Yang, Z. ; Lu, X. 
Experimental studies of air-blast atomization on the CO2 capture with aqueous alkali solutions
CHINESE JOURNAL OF CHEMICAL ENGINEERING 27 : 10 pp. 2390-2396. , 7 p. (2019)

2. Li, Zheng ; Ji, Xiaoyan ; Yang, Zuhong ; Lu, Xiaohua
Experimental studies of air-blast atomization on the CO2 capture with aqueous alkali solutions
CHINESE JOURNAL OF CHEMICAL ENGINEERING Online first p. & (2019)

5. Éva Molnár, Dóra Rippel-Pethő, Géza Horváth, Janka Bobek, Róbert Bocsi, Zoltán Hodai: Study of selective hydrogen sulfide absorption by comparing two different alkali absorbents by using atomization method, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA LXII: (3) pp. 273-282. (2017) DOI:10.24193/subbchem.2017.3.23
Impact factor: 0,305 (Q4)
Independent citations: 0

6. Gabor Maasz; Matyas Mayer; Zita Zrinyi; Éva Molnár, Monika Kuzma; Istvan Fodor; Zsolt Pirger; Péter Takács: Spatiotemporal variations of pharmacologically active compounds in surface waters of a summer holiday destination, SCIENCE OF THE TOTAL ENVIRONMENT, (677) pp. 545-555 (2019) DOI: 10.1016/j.scitotenv.2019.04.286
Impact factor: 6,551 (D1)
Independent citations: 26
1. Lasarte-Aragonés, Guillermo; Álvarez-Lueje, Alejandro; Salazar, Ricardo; Toledo-Neira, Carla
   Application of Switchable Hydrophobicity Solvents for Extraction of Emerging Contaminants in Wastewater Samples
   MOLECULES 25 : 1 Paper: 86 (2019)

2. Vossen, Laura E. ; Cerveny, Daniel; Osterkrans, Marcus; Thornqvist, Per-Ove; Jutfelt, Fredrik; Fick, Jerker; Brodin, Tomas; Winberg, Svante
   Chronic Exposure to Oxazepam Pollution Produces Tolerance to Anxiolytic Effects in Zebrafish (Danio rerio)
   ENVIRONMENTAL SCIENCE & TECHNOLOGY 54 : 3 pp. 1760-1769. , 10 p. (2020)

3. Tóth, E. ; Toumi, M. ; Farkas, R. ; Takáts, K. ; Somodi, Csenge; Ács, É.
   Insight into the hidden bacterial diversity of Lake Balaton, Hungary
   BIOLOGIA FUTURA 71 : 4 pp. 383-391. , 9 p. (2020)

4. Li, Shulan; Wen, Jing; He, Bingshu; Wang, Jun ; Hu, Xianmin; Liu, Juan
   Occurrence of caffeine in the freshwater environment: Implications for ecopharmacovigilance
   ENVIRONMENTAL POLLUTION 263 Paper: 114371 , 14 p. (2020)

5. Holden-Dye, Lindy; Walker, Robert J.
   Report on the First Symposium on Invertebrate Neuroscience held on 13-17th August 2019 at the Balaton Limnological Institute, MTA Centre for Ecological Research, Tihany, Hungary
   INVERTEBRATE NEUROSCIENCE 20 : 3 Paper: 13 , 14 p. (2020)

6. Sadutto, D; Picó, Y
   Sample preparation to determine pharmaceutical and personal care products in an all-water matrix: solid phase extraction
   MOLECULES 25 : 21 Paper: 5204 , 21 p. (2020)

7. Cardoso-Vera, J D; Elizalde-Velázquez, G A; Islas-Flores, H; Mejía-García, A; Ortega-Olvera, J M; Gómez-Oliván, L M
   A review of antiepileptic drugs: Part 1 occurrence, fate in aquatic environments and removal during different treatment technologies
   SCIENCE OF THE TOTAL ENVIRONMENT 768 Paper: 145487 , 15 p. (2021)
8. Gosset, Antoine; Wiest, Laure; Fildier, Aurelie; Libert, Christine; Giroud, Barbara; Hammada, Myriam; Herve, Matthieu; Sibeud, Elisabeth; Vulliet, Emmanuelle; Polome, Philippe et al. 
Ecotoxicological risk assessment of contaminants of emerging concern identified by "suspect screening" from urban wastewater treatment plant effluents at a territorial scale
SCIENCE OF THE TOTAL ENVIRONMENT 778 Paper: 146275 (2021)

9. Mendonca-Gomes, Juliana Moreira; da Costa Araujo, Amanda Pereira; da Luz, Thiarlen Marinho; Charlie-Silva, Ives; Bezerra Braz, Helyson Lucas; Bezerra Jorge, Roberta Jeane; Ahmed, Mohamed Ahmed Ibrahim; Nobrega, Rafael Henrique; Vogel, Christoph F. A.; Malafaia, Guilherme
Environmental impacts of COVID-19 treatment: Toxicological evaluation of azithromycin and hydroxychloroquine in adult zebrafish
SCIENCE OF THE TOTAL ENVIRONMENT 790 Paper: 148129, 16 p. (2021)

10. Roveri, Vinicius; Guimarães, Luciana Lopes; Toma, Walber; Correia, Alberto Teodorico
Occurrence and ecological risk assessment of pharmaceuticals and cocaine in the urban drainage channels of Santos beaches (São Paulo, Brazil): a neglected, but sensitive issue
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 28: 46 pp. 65595-65609, 15 p. (2021)

11. Somogyvári, Dávid; Farkas, Anna; Mörtl, Mária; Győri, János
Behavioral and biochemical alterations induced by acute clothianidin and imidacloprid exposure in the killer shrimp, Dikerogammarus villosus
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY AND PHARMACOLOGY 261 Paper: 109421, 7 p. (2022)

12. DONALD, EFRAÍN MERMA CHACCA
IDENTIFICACIÓN Y CUANTIFICACIÓN DE RESIDUOS ANTIDEPRESIVOS CITALOPRAM, FLUOXETINA, VENLAFAXINA Y SERTRALINA EN MUESTRAS DE AGUA DE RIO OSMORE
Megjelenés/Fokozatszerzés éve: 2022

13. Moreira, Diana Gomes; Aires, Ana; Pereira, Maria de Lourdes; Oliveira, Miguel
Levels and effects of antidepressant drugs to aquatic organisms
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY AND PHARMACOLOGY 256 Paper: 109322, 7 p. (2022)
14. Malnes, Daniel; Ahrens, Lutz; Köhler, Stephan; Forsberg, Malin; Golovko, Oksana
Occurrence and mass flows of contaminants of emerging concern (CECs) in Sweden's three largest lakes and associated rivers
CHEMOSPHERE 294 Paper: 133825 (2022)

15. Roveri, Vinicius; Guimarães, Luciana Lopes; Toma, Walber; Correia, Alberto Teodorico
Occurrence, ecological risk assessment and prioritization of pharmaceuticals and abuse drugs in estuarine waters along the São Paulo coast, Brazil
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 29: 59 pp. 89712-89726, 15 p. (2022)

16. Roveri, Vinicius; Guimarães, Luciana Lopes; Toma, Walber; Correia, Alberto Teodorico
Occurrence of pharmaceuticals and cocaine in the urban drainage channels located on the outskirts of the São Vicente Island (São Paulo, Brazil) and related ecological risk assessment
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 29: 38 pp. 57931-57945, 15 p. (2022)

17. Huang, Jichao; Ding, Jiannan; Jiang, Hang; Wang, Zhenguo; Zheng, Lixing; Song, Xiaojun; Zou, Hua
Pharmaceuticals and Personal Care Products across Different Water Bodies in Taihu Lake Basin, China: Occurrence, Source, and Flux
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH 19: 17 Paper: 11135 (2022)

18. Kucharski, D; Nałęcz-Jawecki, G; Drzewicz, P; Skowronek, A; Mianowicz, K; Strzelecka, A; Giebułtowicz, J
The assessment of environmental risk related to the occurrence of pharmaceuticals in bottom sediments of the Odra River estuary (SW Baltic Sea)
SCIENCE OF THE TOTAL ENVIRONMENT 828 Paper: 154446, 10 p. (2022)

19. González, N.; Aguinaga, Martínez M.V.; Domini, C.E.; Acebal, C.C.
Current trends in sample preparation for the determination of primary aromatic amines in environmental samples
TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY 37 Paper: 00197 (2023)
20. Tibor, József ☞; Szonja, Réka Kiss; Ferenc, Muzslay; Orsolya, Máté; Gábor, P.; Stromájer; Tímea, Stromájer-Rácz ☞
Detection and Quantification of Pharmaceutical Residues in the Pest County Section of the River Danube
WATER 15 : 9 Paper: 1755 , 22 p. (2023)

21. Malnes, Daniel ☞; Waara, Sylvia; Figuiere, Romain; Ahrens, Lutz; Wiberg, Karin; Kohler, Stephan J.; Golovko, Oksana
Hazard screening of contaminants of emerging concern (CECs) in Sweden's three largest lakes and their associated rivers
JOURNAL OF HAZARDOUS MATERIALS 453 Paper: 131376 , 10 p. (2023)

22. Arsand, Juliana Bazzan; Dallegrave, Alexandro; Jank, Louise; Feijo, Tiago; Perin, Mauricio; Hoff, Rodrigo Barcellos; Arenzon, Alexandre; Gomes, Adriano; Pizzolato, Tania Mara ☞
Spatial-temporal occurrence of contaminants of emerging concern in urban rivers in southern Brazil
CHEMOSPHERE 311 Paper: 136814 , 11 p. (2023)

23. Castillo, N.A.; James, W.R.; Santos, R.O.; Rezek, R.; Cerveny, D.; Boucek, R.E.; Adams, A.J.; Goldberg, T.; Campbell, L.; Perez, A.U. et al.
Understanding pharmaceutical exposure and the potential for effects in marine biota: A survey of bonefish (Albula vulpes) across the Caribbean Basin
CHEMOSPHERE 1 Paper: 140949 (2023)

24. Vajda, Péter ☞; Botz, Lajos
Gyógyszerhulladék-monitorozás a környezettudatosság jegyében
ORVOSI HETILAP 165 : 17 pp. 672-679. , 8 p. (2024)

25. Glineur, Alex; Nott, Katherine; Carbonnelle, Philippe; Ronkart, Sébastien; Pollet, Thomas; Purcaro, Giorgia
Occurrence and environmental risk assessment of 4 estrogenic compounds in surface water in Belgium in the frame of the EU Watch List
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 31 : 5 pp. 6857-6873. , 17 p. (2024)

26. Lahens, Lisa; Cabana, Hubert; Huot, Yannick; Segura, Pedro A.
Trace organic contaminants in lake waters: Occurrence and environmental risk assessment at the national scale in Canada
ENVIRONMENTAL POLLUTION (2024)
7. **Eva Molnar**, Gabor Maasz, Zsolt Pirger: Environmental risk assessment of pharmaceuticals at a seasonal holiday destination in the largest freshwater shallow lake in Central Europe, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH (2020) DOI: 10.1007/s11356-020-09747-4
Impact factor: 5.19 (Q2)
Independent citations: 26

1. Emnet, Philipp; Mahaliyana, Anjula Sachintha; Northcott, Grant; Gaw, Sally
Organic Micropollutants in Wastewater Effluents and the Receiving Coastal Waters, Sediments, and Biota of Lyttelton Harbour (Te Whakaraupō), New Zealand
ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY 79: 4 pp. 461-477., 17 p. (2020)

2. Gosset, Antoine; Wiest, Laure; Fildier, Aurelie; Libert, Christine; Giroud, Barbara; Hammada, Myriam; Herve, Matthieu; Sibeud, Elisabeth; Vulliet, Emmanuelle; Polome, Philippe et al.
Ecotoxicological risk assessment of contaminants of emerging concern identified by "suspect screening" from urban wastewater treatment plant effluents at a territorial scale
SCIENCE OF THE TOTAL ENVIRONMENT 778 Paper: 146275 (2021)

3. Katsoyiannis, Ioannis A. ✉; Lammel, Gerhard; Samara, Constantini; Ernst, Mathias; Wenk, Jannis; Torretta, Vincenzo; Voutsa, Dimitra; Vollertsen, Jes; Bucheli, Thomas D.; Godbersen, Levke et al.
Innovative aspects of environmental chemistry and technology regarding air, water, and soil pollution
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 28: 42 pp. 58958-58968., 11 p. (2021)

4. Rapp Wright, Helena
Novel detection and risk assessment of contaminants of emerging concern in a range of aquatic matrices in Ireland
Védés éve: 2021 Megjelenés/Fokozatszerzés éve: 2021

5. Roveri, Vinicius; Guimarães, Luciana Lopes; Toma, Walber; Correia, Alberto Teodorico
Occurrence and ecological risk assessment of pharmaceuticals and cocaine in the urban drainage channels of Santos beaches (São Paulo, Brazil): a neglected, but sensitive issue
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 28: 46 pp. 65595-65609., 15 p. (2021)
6. Chernova, Ekaterina; Zhakovskaya, Zoya; Berezina, Nadezhda
   Occurrence of pharmaceuticals in the Eastern Gulf of Finland (Russia)
   ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 28 : 48 pp. 68871-68884. , 14 p. (2021)

7. Otoo, Bernice Araba; Amoabeng, Ivy Anima; Darko, Godfred; Borquaye, Lawrence Sheringham
   Antibiotic and analgesic residues in the environment – Occurrence and ecological risk study from the Sunyani municipality, Ghana
   TOXICOLOGY REPORTS 9 pp. 1491-1500. , 10 p. (2022)

8. Rusu, Lacramioara; Grigoras, Cristina-Gabriela; Simion, Andrei-Ionut; Suceveanu, Elena-Mirela; Istrate, Bogdan; Harja, Maria
   Biosorption Potential of Microbial and Residual Biomass of Saccharomyces pastorianus Immobilized in Calcium Alginate Matrix for Pharmaceuticals Removal from Aqueous Solutions
   POLYMERS 14 : 14 Paper: 2855 , 20 p. (2022)

9. Kumari, Minashree; Kumar, Arun
   Environmental and human health risk assessment of mixture of Covid-19 treating pharmaceutical drugs in environmental waters
   SCIENCE OF THE TOTAL ENVIRONMENT 812 Paper: 152485 , 10 p. (2022)

10. Asare, Ebenezer Aquisman
    Status of pharmaceuticals in the Korle Lagoon and their toxicity to non-target organisms
    ECOTOXICOLOGY 31 : 2 pp. 299-311. , 13 p. (2022)

11. Yang, Yun; Zhang, Xiangru; Jiang, Jingyi; Han, Jiarui; Li, Wanxin; Li, Xiaoyan; Leung, Kenneth Mei Yee; Snyder, Shane A.; Alvarez, Pedro J. J.
    Which Micropollutants in Water Environments Deserve More Attention Globally?
    ENVIRONMENTAL SCIENCE & TECHNOLOGY 56 : 1 pp. 13-29. , 17 p. (2022)

12. Gao, Jian; Zhao, Jinru; Chen, Xintong; Wang, Jun
    A review on in silico prediction of the environmental risks posed by pharmaceutical emerging contaminants
    ENVIRONMENTAL MONITORING AND ASSESSMENT 195 : 12 Paper: 1535 , 23 p. (2023)
13. Rapp-Wright, Helena; Regan, Fiona; White, Blanaid; Barron, Leon P.
   A year-long study of the occurrence and risk of over 140 contaminants of emerging concern in wastewater influent, effluent and receiving waters in the Republic of Ireland
   SCIENCE OF THE TOTAL ENVIRONMENT 860 Paper: 160379, 12 p. (2023)

14. Adewuyi, A.; Lau, W.J.
   Development of nanocomposite membranes for removal of pharmaceutically active compounds in water: A review
   Applied Chemical Engineering 6:2 Paper: 2066 (2023)

15. Wronski, Adam R.; Brooks, Bryan W.
   Global occurrence and aquatic hazards of antipsychotics in sewage influents, effluent discharges and surface waters
   ENVIRONMENTAL POLLUTION 320 Paper: 121042, 12 p. (2023)

16. Ben Chabchoubi, I; Lam, S Sh; Pane, S E; Ksibi, M; Guerriero, G; Hentati, O
   Hazard and health risk assessment of exposure to pharmaceutical active compounds via toxicological evaluation by zebrafish
   ENVIRONMENTAL POLLUTION 324 Paper: 120698, 28 p. (2023)

17. Martinez-Alcala, Isabel; Bernal, Maria Pilar; Clemente, Rafael; Pellicer-Martinez, Francisco; Lahora, Agustín
   Mesocosm Evaluation of the Safety of the Use of Reclaimed Water Regarding Emerging Pollutants in Murcia, Spain
   SUSTAINABILITY 15:5 Paper: 4536, 11 p. (2023)

18. Malinovska, Viktoria
   Monitoring of crayfish reaction to the different stimuli: are the crayfish good bioindicators?
   Védés évé: 2023 Megjelenés/Fokozatszerzés évé: 2023

19. Minillo, Alessandro; Isique, William Deodato; Cardoso, Claudia Andrea Lima; Súarez, Yzel Rondon
   Occurrence and ecological risk assessment of pharmaceutically active compounds in neotropical small basins, Brazil
   ACTA LIMNOLOGICA BRASILIENSIA 35 p. - Paper: - (2023)
20. Semerjian, L; Aissaoui, S; Shanableh, A; Okoh, A; Elhadi, R; Mousa, M; Alhameed, R A; Hassan, J A J; Akhtar, I; Semreen, M H.
Occurrence, spatial and seasonal variations of emerging contaminants in the aquatic environment of Sharjah, United Arab Emirates.
CHEMOSPHERE 345 Paper: 140426 (2023)

21. Royano, Silvia; de la Torre, Adrián; Navarro, Irene; Martínez, María Ángeles.
Pharmaceutically active compounds (PhACs) in surface water: Occurrence, trends and risk assessment in the Tagus River Basin (Spain).
SCIENCE OF THE TOTAL ENVIRONMENT 905 Paper: 167422 (2023)

22. Chabchoubi, I B; Bouchhima, R A; Louhichi, N; Baanannou, A; Masmoudi, S; Hentati, O.
Short-term effects of various non-steroidal anti-inflammatory drugs (NSAIDs) on Danio rerio embryos.
METHODSX 10 Paper: 102215 (2023)

23. Arsand, Juliana Bazzan; Dallegrave, Alexandro; Jank, Louise; Feijo, Tiago; Perin, Mauricio; Hoff, Rodrigo Barcellos; Arenzon, Alexandre; Gomes, Adriano; Pizzolato, Tania Mara.
Spatial-temporal occurrence of contaminants of emerging concern in urban rivers in southern Brazil.
CHEMOSPHERE 311 Paper: 136814, 11 p. (2023)

24. Sultana, Tamanna; Eysseric, Emmanuel; Segura, Pedro A.; Helm, Paul A.; Kleywegt, Sonya; Metcalfe, Chris D.
Passive sampling with targeted and non-targeted analysis as an “Early Warning” of water-soluble contaminants in the Great Lakes.
JOURNAL OF GREAT LAKES RESEARCH - Paper: 102297 (2024)

25. Hanafiah, Z M; Bithi, A S; Mohtar, W H M W; Zin, W Z W; Tahrim, N A; Manan, T S A; Rohani, R; Indarto, A.
Pharmaceutical footprint in domestic wastewater: case study in Malaysia.
WATER AIR AND SOIL POLLUTION 235:1 Paper: 51 (2024)

26. Johannessen, Cassandra; Helm, Paul A.; Mark Parnis, J.; Kleywegt, Sonya; Metcalfe, Chris D.
Targeted screening of passive samplers as an “Early Warning” of novel contaminants in the Great Lakes Basin.
JOURNAL OF GREAT LAKES RESEARCH - Paper: 102298 (2024)
8. **Adam Staszny, Peter Dobosy, Gabor Maasz, Zoltan Szalai, Gergely Jakab, Zsolt Pirger, Jozsef Szekerényi, Eva Molnar, Lilianna Olimpia Pap, Vera Juhasz, Andras Weiperth, Bela Urbanyi, Attila Csaba Kondor, Arpad Ferincz:** Effects of pharmaceutically active compounds (PhACs) on fish body and scale shape in natural waters, *PEERJ* (9) pp. e10642 (2021) DOI: 10.7717/peerj.10642

**Impact factor:** 3.061 (Q1)

**Independent citations:** 7

1. Rebelo, P ; Pacheco, J G ; Voroshylova, I V ; Seguro, I ; Cordeiro, M N D S ; Delerue-Matos, C

   Computational modelling and sustainable synthesis of a highly selective electrochemical MIP-based sensor for citalopram detection

   *MOLECULES* 27 : 10 Paper: 3315 (2022)

2. Vihareva, E V ; Mišenina, I I ; Gapečkina, E D ; Selâninov, A A ; Ryčkova, M I

   Fitostimuliruûŝee dejstvie produkta biodestrukcii paracetamola na Kalendulu lekarstvennuû = Phyto-stimulating effect of paracetamol biodestruction product on Calendula officinalis

   *RAZRABOTKA I REGISTRATSIYA LEKARSTVENNYKH SREDSTV* 11 : 4 pp. 31-37. , 7 p. (2022)

3. Vikhareva, E V ; Mishenina, I I ; Agafontseva, A V ; Rychkova, M I

   Phyto-stimulating activity of the paracetamol-containing waste biodestruction product

   *Pharmacy Formulas* 4 : 3 Paper: 119839 (2022)

4. Vihareva, E V ; Bombela, T V ; Bykov, E V ; Baranova, A A

   Vliânie produkta biodestrukcii paracetamola na količestvennye pokazateli anatomičeskoj struktury lista landyša majskogo (Convallaria majalis L.) = Effect of paracetamol biodegradation products quantitative indicators of the anatomical structure of the Lily of the Valley leaf (Convallaria majalis L.)

   *RAZRABOTKA I REGISTRATSIYA LEKARSTVENNYKH SREDSTV* 12 : 4 pp. 84-95. , 12 p. (2023)

5. Traverso, Fr ; Aicardi, St ; Bozzo, M ; Zinni, M ; Amaroli, A ; Galli, L ; Candiani, S ; Vanin, St ; Ferrando, S

   New insights into geometric morphometry applied to fish scales for species identification

   *ANIMALS* 14 : 7 p. 1090 (2024)

6. Hanafiah, Z M ; Bithi, A S ; Mohtar, W H M W ; Zin, W Z W ; Tahrim, N A ; Manan, T S A ; Rohani, R ; Indarto, A

   Pharmaceutical footprint in domestic wastewater : case study in Malaysia

   *WATER AIR AND SOIL POLLUTION* 235 : 1 Paper: 51 (2024)
7. Mohd Hanafiah, Z; Wan Mohtar, W H M; Wan-Mohtar, W A A Q I; Bithi, A S; Rohani, R; Indarto, A; Yaseen, Z M; Sharil, S; Binti Abdul Manan, T S
Removal of pharmaceutical compounds and toxicology study in wastewater using Malaysian fungal Ganoderma lucidum
CHEMOSPHERE Paper: 142209 (2024)

9. Gabor Maasz, Eva Molnar, Matyas Mayer, Monika Kuzma, Peter Takács, Zita Zrinyi, Zsolt Pirger, Tibor Kiss: Illicit Drugs as a Potential Risk to the Aquatic Environment of a Large Freshwater Lake after a Major Music Festival, ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY (2021)
DOI:10.1002/etc.4998
Impact factor: 4.218 (Q1)
Independent citations: 12
1. Van, Echelpoel R.; Schram, J.; Parrilla, M.; Daems, D.; Slosse, A.; Van, Durme F.; De, Wael K.
Electrochemical methods for on-site multidrug detection at festivals
Sensors & Diagnostics 1 : 4 pp. 793-802., 10 p. (2022)
2. Sumpter, John P.; Margiotta-Casaluci, Luigi
Environmental Occurrence and Predicted Pharmacological Risk to Freshwater Fish of over 200 Neuroactive Pharmaceuticals in Widespread Use
TOXICS 10 : 5 Paper: 233 , 19 p. (2022)
3. Liu, Wenxiu; Zhang, Heng; Liu, Yang; Li, Xu; Lu, Haijian; Guo, Changsheng; Xu, Jian
Occurrence, distribution, and ecological risk of psychoactive substances in typical lakes and rivers in Qinghai-Tibet Plateau
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY 242 Paper: 113928 (2022)
4. Nikhita, Sheller
Sustainability in Single-Destination Music Festivals (2022)
Diplomamunka, szakdolgozat, TDK dolgozat
5. Aberg, Dan; Chaplin, Daniel; Freeman, Chris; Paizs, Bela; Dunn, Christian
The environmental release and ecosystem risks of illicit drugs during Glastonbury Festival
ENVIRONMENTAL RESEARCH 204 Paper: 112061 (2022)
6. Seaman, Mary L
DETECTION OF PHARMACEUTICALS, PERSONAL CARE PRODUCTS (PPCPs) AND ILLICIT DRUGS IN WASTEWATER TREATMENT PLANTS AND URBAN RIVER SYSTEMS
Védés éve: 2023 Megjelenés/Fokozatszerzés éve: 2023

7. Love, David; Jones, Nicole S.
Interpol Review of Drug Analysis 2019-2022
FORENSIC SCIENCE INTERNATIONAL: SYNERGY 6 Paper: 100299 (2023)

8. Van Echelpoel, Robin
Making an impact with voltammetric illicit drug sensors: bridging the gap between fundamental lab research and on-site application
University of Antwerp, Megjelenés/Fokozatszerzés éve: 2023
PhD (Disszertáció)

9. Palamar, Joseph J.; Rutherford, Caroline; Le, Austin; Keyes, Katherine M.
Seasonal Variation of Use of Common Psychedelics and Party Drugs Among Nightclub/Festival Attendees in New York City
JOURNAL OF PSYCHOACTIVE DRUGS 1 pp. 1-8, 8 p. (2023)

10. Souto, M. Eduarda Déborah
Síntese e caracterização de nanocompósitos entre hexacianoferrato de zinco e estruturas de carbono visando a aplicação como catalisadores no processo de fotocatálise heterogênea do paracetamol (2023)
Diplomamunka, szakdolgozat, TDK dolgozat (Egyéb)

11. Ding, Lin; Zhang, Chong-Miao
Occurrence, ecotoxicity and ecological risks of psychoactive substances in surface waters
SCIENCE OF THE TOTAL ENVIRONMENT 926 p. 171788 Paper: 171788 (2024)

12. Sims, D. B.; Monk, J. R.; Garner, M. C.; Hudson, A. C.; Keller, J. E.; Aguaiza, C.; Lindley, K.; Woldetsadik, D.; Buch, A. C.
Occurrence, source, and ecological risk of pharmaceuticals and illicit drugs in surface water in Las Vegas, USA
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY 1 p. 1 (2024)
10. Attila Csaba Kondor*, Eva Molnár*, Anna Vancsik, Tibor Filep, Jozsef Szeberenyi, Lili Szabo, Gabor Maasz, Zsolt Pirger, Andras Weiperth, Arpad Ferincz, Adam Staszny, Peter Dobosy, Katalin Horvathne Kiss, Gergely Jakab, Zoltan Szalai: Occurrence and health risk assessment of pharmaceutically active compounds in riverbank filtrated drinking water, JOURNAL OF WATER PROCESS ENGINEERING, (41) pp. 102039 (2021) DOI:10.1016/j.jwpe.2021.102039. Impact factor: 6.9 (Q1) Independent citations: 24

1. Tsaridou, Ch ; Karabelas, A J
Drinking water standards and their implementation – a critical assessment
WATER 13 : 20 Paper: 2918 (2021)

2. Belay, M H ; Precht, U ; Mortensen, P ; Marengo, E ; Robotti, E
A fully automated online SPE-LC-MS/MS method for the determination of 10 pharmaceuticals in wastewater samples
TOXICS 10 : 3 Paper: 103 (2022)

3. Serna-Galvis, E A ; Botero-Coy, A M ; Rosero-Moreano, M ; Lee, J ; Hernández, F ; Torres-Palma, R A
An initial approach to the presence of pharmaceuticals in wastewater from hospitals in Colombia and their environmental risk
WATER 14 : 6 Paper: 950 (2022)

4. Chen, Y ; Wang, J ; Xu, P ; Xiang, J ; Xu, D ; Cheng, P ; Wang, X ; Wu, L ; Zhang, N ; Chen, Zh
Antidepressants as emerging contaminants : occurrence in wastewater treatment plants and surface waters in Hangzhou, China
FRONTIERS IN PUBLIC HEALTH 10 pp. 1-9. , 9 p. (2022)

5. Bracamontes-Ruelas, A R ; Ordaz-Díaz, L A ; Bailón-Salas, A M ; Ríos-Saucedo, J C ; Reyes-Vidal, Y ; Reynoso-Cuevas, L
Emerging pollutants in wastewater, advanced oxidation processes as an alternative treatment and perspectives
PROCESSES 10 : 5 Paper: 1041 (2022)

6. Papagiannaki, D ; Belay, M H ; Gonçalves, N P F ; Robotti, E ; Bianco-Prevot, A ; Binetti, R ; Calza, P
From monitoring to treatment, how to improve water quality: the pharmaceuticals case
CHEMICAL ENGINEERING JOURNAL ADVANCES 10 Paper: 100245 , 17 p. (2022)
7. K'oreje, K ; Okoth, M ; Van Langenhove, H ; Demeestere, K
   Occurrence and point-of-use treatment of contaminants of emerging concern in
   groundwater of the Nzoia River basin, Kenya
   ENVIRONMENTAL POLLUTION 297 Paper: 118725 (2022)

8. Labad, F ; Ginebreda, A ; Criollo, R ; Vázquez-Suñé, E ; Pérez, S ; Jurado, A
   Occurrence, data-based modelling, and risk assessment of emerging contaminants in
   an alluvial aquifer polluted by river recharge
   ENVIRONMENTAL POLLUTION Paper: 120504 (2022)

9. Qian, J ; Riede, P ; Abbt-Braun, G ; Parniske, J ; Metzger, S ; Morck, T
   Removal of organic micropollutants from municipal wastewater by powdered
   activated carbon-activated sludge treatment
   JOURNAL OF WATER PROCESSING ENGINEERING 50 Paper: 103246 (2022)

10. De Vito-Francesco, F
    Risk assessment and example of risk mitigation of pharmaceuticals in the aquatic
    environment : case studies for freshwater bodies and drinking water , 20 p. (2022)
    BOKU - Universität für Bodenkultur, Wien,

11. Meiczinger, Mónika ; Varga, Béla ; Lana, Wolmarans ; Hajba, László ; Somogyi,
    Viola ✉
    Stability improvement of laccase for micropollutant removal of pharmaceutical origins
    from municipal wastewater
    CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY 24 : 10 pp. 3213-
    3223. , 11 p. (2022)

12. Krakkó, D ; Illés, Á ; Domján, A ; Demeter, A ; Dóbé, S ; Záray, Gy
    UV and (V)UV irradiation of sitagliptin in ultrapure water and WWTP effluent:
    Kinetics, transformation products and degradation pathway
    CHEMOSPHERE 288 : 2 Paper: 132393 , 11 p. (2022)

13. Babalola, S.O. ; Daramola, M.O. ; Iwarere, S.A.
    An investigation on the removal of tramadol analgesic in deionized water and final
    wastewater effluent using a novel continuous flow dielectric barrier discharge reactor
    JOURNAL OF WATER PROCESSING ENGINEERING 56 Paper: 104294 , 1
    p. (2023)
14. Tibor, József; Szonja, Réka Kiss; Ferenc, Muzslay; Orsolya, Máté; Gábor, P.; Stromájer, Tímea; Stromájer-Rácz
Detection and Quantification of Pharmaceutical Residues in the Pest County Section of the River Danube
WATER 15:9 Paper: 1755, 22 p. (2023)

15. Marumure, J; Simbanegavi, T T; Makuvara, Z; Karidzagundi, R; Alufasi, R; Goredema, M; Gufe, C; Chaukura, N; Gwenzi, W
Drinking water systems as a cocktail of emerging organic contaminants: occurrence, public health risks, and research needs (2023)

16. Sharifi, A; Daliri, M; Niroumand, M; Sobhani, S A R; Sharifinia, M
Effects of long-term exposure to amoxicillin residues on stress resistance and body compositions of Penaeus vannamei.
Iranian Journal of Health and Environment 16:1 pp. 85-96, 12 p. (2023)

17. Gao, Sh; Lu, F; Abid, A A; Yang, X; Wu, Zh
Fast degradation of carbamazepine in water by electric discharge plasma
FRONTIERS IN ENVIRONMENTAL SCIENCE 11 Paper: 1242405 (2023)

18. Serna-Galvis, E A; Silva-Agredo, J; Hernández, F; Botero-Coy, A M; Torres-Palma, R A
Methods involved in the treatment of four representative pharmaceuticals in hospital wastewater using sonochemical and biological processes
METHODSX 10:10 Paper: 102128 (2023)

19. Jara-Negrete, E; Cipriani-Avila, I; Molinero, J; Pinos-Vélez, V; Acosta-López, S; Cabrera, Marcela; Medina-Villamizar, E J; Leiva-Andrade, D; Pozo, A; Martínez, O et al.
Pharmaceutical compounds in urban drinking waters of Ecuador
FRONTIERS IN ENVIRONMENTAL SCIENCE 11 Paper: 1232405 (2023)

20. Kamarudin, S N Z; Omar, T F T
Pharmaceutically active compounds (PhACs) in water of Asian countries: review on the occurrence, distribution and environmental risk
Universiti Malaysia Terengganu Journal of Undergraduate Research 5:4 pp. 1-14, 14 p. (2023)
21. Amobonye, A; Aruwa, Ch E; Aransiola, S; Omame, J; Alabi, T D; Lalung, J
The potential of fungi in the bioremediation of pharmaceutically active compounds: a comprehensive review
FRONTIERS IN MICROBIOLOGY 14 Paper: 1207792 (2023)

22. Šmerda, M
Výskyt farmak ve zdrojích pitné vody a jejich odstranění vodárenskými procesy Paper: 150039 (2023)
Megjelenés: Csehország, Repozitóriumban

23. Yang, W; Bu, Q; Shi, Q; Zhao, R; Huang, H; Yang, L; Tang, J; Ma, Y
Emerging contaminants in the effluent of wastewater should be regulated: which and to what extent?
TOXICS 12: 5 Paper: 309 (2024)

24. Marumure, J; Simbanegavi, T T; Makuvara, Z; Karidzagundi, R; Alufasi, R; Goredema, M; Gufe, Cl; Chaukura, Nh; Halabowski, D; Gwenzi, W
Emerging organic contaminants in drinking water systems: human intake, emerging health risks, and future research directions
CHEMOSPHERE 356 Paper: 141699 (2024)

11. Eva Molnar, Istvan Fodor, Reka Svigruha, Zsolt Pirger: Issues, challenges, directives, and limitations concerning the improvement of environmental risk assessment of pharmaceutically active compounds, ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY pp. 112212 (2021)
DOI:10.1016/j.ecoenv.2021.112212
Impact factor: 7.129 (Q1)
Independent citations: 3

1. Somogyvári, Dávid; Farkas, Anna; Mörtl, Mária; Győri, János
Behavioral and biochemical alterations induced by acute clothianidin and imidacloprid exposure in the killer shrimp, Dikerogammarus villosus
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY AND PHARMACOLOGY 261 Paper: 109421, 7 p. (2022)

2. Iwona, Bąk; Maciej, Oesterreich
Quantitative methods and IT in environmental risk modelling
London, Egyesült Királyság / Anglia: Taylor and Francis Group (2022)
ISBN: 9781003310099
3. Martínez-Megías, Claudia; Arenas-Sánchez, Alba; Manjarrés-López, Diana; Pérez, Sandra; Soriano, Yolanda; Picó, Yolanda; Rico, Andreu
Pharmaceutical and pesticide mixtures in a Mediterranean coastal wetland: comparison of sampling methods, ecological risks, and removal by a constructed wetland
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 31 pp. 14593-14609, 17 p. (2024)

12. Attila Csaba Kondor, Eva Molnar, Gergely Jakab, Anna Vancsik, Tibor Filep, Jozsef Szeberenyi, Lili Szabo, Gabor Maasz, Zsolt Pirger, Andras Weiperth, Arpad Ferincz, Adam Staszny, Peter Dobosy, Katalin Horvathne Kiss, Zoltan Szalai: Pharmaceuticals in water and sediment of small streams under the pressure of urbanization: Concentrations, interactions, and risks, SCIENCE OF THE TOTAL ENVIRONMENT (2022) DOI: 10.1016/j.scitotenv.2021.152160.
Impact factor: 9,8 (D1)
Independent citations: 26

1. Canle, M ✉; Antão-Geraldes, A M ✉
A snapshot on the occurrence and risk assessment of organic pollutants in an urban river
APPLIED SCIENCES-BASEL 13:1 Paper: 146 (2022)

2. Kuc, J ✉; Thomas, M ✉; Grochowalska, I; Kulczyk, R; Mikosz, G; Mrózek, F; Janik, D; Korta, J ✉; Cwynar, K
Determination and removal of selected pharmaceuticals and total organic carbon from surface water by aluminum chlorohydrate coagulant
MOLECULES 27:17 Paper: 5740 (2022)

3. Maassel, A
Effect of vegetation cover, season, and removal mechanism on the removal efficiency of 36 PPCPs within a full-scale surface-flow constructed wetland (2022)
M.S. (Masters), University of Missouri - Columbia, Megjelenés: Amerikai Egyesült Államok,
ISBN: 9798380109116

4. Bókony, V
Evolutionary ecology of anthropogenic environmental change and sex reversal in amphibians 133 p.
Megjelenés/Fokozatszerzés éve: 2022
5. Montesinos-Vázquez, T; Pérez-Silva, I; Galán-Vidal, C A; Ibarra, Israel S.; Rodríguez, J A; Páez-Hernández, M E ✉
Solution blow spinning polysulfone-Aliquat 336 nanofibers: synthesis, characterization, and application for the extraction and preconcentration of losartan from aqueous solutions
JOURNAL OF POLYMER ENGINEERING 42 : 10 pp. 966-977. , 12 p. (2022)

6. Iqbal, J; Shah, N S ✉; Khan, Z U H; Rizwan, M; Murtaza, B; Jamil, F; Shah, A; Ullah, A; Nazzal, Y; Howari, F
Visible light driven doped CeO₂ for the treatment of pharmaceuticals in wastewater: a review
JOURNAL OF WATER PROCESSING ENGINEERING 49 Paper: 103130 (2022)

7. Liu, Q; Wang, L ✉; Xu, X; Yan, S; Zha, J; Wang, D ✉; Zhu, D
Antiepileptic drugs in aquatic environments: occurrence, toxicity, transformation mechanisms and fate
CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY 53 : 23 pp. 2030-2054. , 25 p. (2023)

8. Valdés, ME; Rodríguez, CMC; Santos, LHMLM; Barceló, D; Giorgi, ADN; Rodríguez-Mozaz, S; Amé, MV ✉
Contaminants of emerging concern fate and fluvial biofilm status as pollution markers in an urban river
CHEMOSPHERE 340 Paper: 139837 (2023)

9. Tibor, József ✉; Szonja, Réka Kiss; Ferenc, Muzslay; Orsolya, Máté; Gábor, P; Stromájer; Tímea, Stromájer-Rácz ✉
Detection and Quantification of Pharmaceutical Residues in the Pest County Section of the River Danube
WATER 15 : 9 Paper: 1755 , 22 p. (2023)

10. Gvozdić, E; Matić Bujagić, I; Đurkić, T; Grujić, S
Ecological risk assessment of aspartame and neotame in river sediments
In: Stamenović, M (szerk.) Politehnika 2023: International Scientific and Professional Conference: conference proceedings
Belgrade, Szerbia: The Academy of Applied Technical Studies Belgrade (2023) pp. 95-99. , 5 p.
11. Dissanayaka, D D S ; Gunawardrama, S H N P ; Dharmapriya, Th N ; Gunawardrama, K B S ✉
Effects of acetaminophen exposure on behavior and erythrocyte nuclear morphology of juvenile Oreochromis niloticus
DRUG AND CHEMICAL TOXICOLOGY In press (2023)

12. Huang, W ✉ ; Lv, W ; Yuan, Q ; Zhou, W ✉ ; Li, T ; Dong, B
Effects of long-term exposure of pharmaceuticals and personal care products on algogenic organic matter characteristics
WATER 15 : 13 Paper: 2447 (2023)

13. Ivankovic, K ; Jambrosic, K ; Mikac, I ; Kapetanovic, D ; Ahel, M ; Terzic, S ✉
Multiclass determination of drug residues in water and fish for bioaccumulation potential assessment
TALANTA 264 Paper: 124762 (2023)

Weng, Y ; Yang, H ; Chen, H ✉ ; Xu, Y ; Gu, X ; Zhao, Zh ; Jin, M ; Mao, Zh ; Zeng, Q ; Zha, J et al.
Occurrence and bioaccumulation of psychotropic pharmaceuticals and their metabolites in water and fish in a shallow lake in China: implications for ecological and human health risks
ACS - ES & T WATER 3 : 2 pp. 520-531. , 12 p. (2023)

14. Semerjian, L ✉ ; Aissaoui, S ; Shanableh, A ; Okoh, A ; Elhadi, R ; Mousa, M ; Alhameed, R A ; Hassan, J A J ; Akhtar, I ; Semreen, M H
Occurrence, spatial and seasonal variations of emerging contaminants in the aquatic environment of Sharjah, United Arab Emirates
CHEMOSPHERE 345 Paper: 140426 (2023)

15. Gvozdić, E Ž
Razvoj i primena HPLC–MS/MS metode za ispitivanje prisustva veštačkih zaslađivača kao indikatora komunalnog zagadeća vode i sedimenata = Development and application of the HPLC–MS/MS method for determination of the presence of artificial sweeteners as indicators of municipal pollution of water and sediment 90 p.
University of Belgrade, Univerzitet u Beogradu, Tehnološko-Metalurški Fakultet, Megjelenés/Fokozatszerzés éve: 2023

16. Chabchoubi, I B ; Bouchhima, R A ; Louhichi, N ; Baanannou, A ; Masmoudi, S ; Hentati, O ✉
Short-term effects of various non-steroidal anti-inflammatory drugs (NSAIDs) on Danio rerio embryos
METHODSX 10 Paper: 102215 (2023)
17. Peñas-Garzón, M; Moreno-Medina, I; Bedía, J; Belver, C
Síntesis y evaluación de fotocatalizadores TiO2/carbón activo: un enfoque multidisciplinar y cooperativo para estudiantes de ingeniería química
EDUCACION QUIMICA: REVISTA EDUCACIÓN QUÍMICA EN LÍNEA 34:1 pp. 128-155, 28 p. (2023)

18. Gvozdić, E; Bujagić, I M; Đurkić, T; Grujić, S
Untreated wastewater impact and environmental risk assessment of artificial sweeteners in river water and sediments of the Danube River Basin in Serbia
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 30 pp. 84583-84594, 21 p. (2023)

19. Zhuang, S; Li, D; Liu, Y; Xiong, Ch
Facile and fast fabrication of magnetic molecularly imprinted polymer for extraction of Carbamazepine from environmental samples and fish tissues followed by UHPLC-MS/MS detection
MICROCHEMICAL JOURNAL 199 Paper: 110063 (2024)

20. Rauseo, J; Spataro, Fr; Pescatore, T; Patrolecco, L
Multiresidue determination and predicted risk assessment of emerging contaminants in sediments from Kongsfjorden, Svalbard
SCIENCE OF THE TOTAL ENVIRONMENT 922 Paper: 171156 (2024)

21. Huangfu, Y; Li, Q; Yang, W; Bu, Q; Yang, L; Tang, J; Gan, J
Occurrence, source apportionment, and ecological risk of typical pharmaceuticals in surface waters of Beijing, China
TOXICS 12:3 Paper: 171 (2024)

22. Benny, S M; Gupta, S D; Ismail, Sh P; Francis, D
Pharmaceutical pollution of water bodies
In: Inamuddin, ; Altalhi, T; Alrooqi, A (szerk.) Handbook of water pollution
Hoboken (NJ), Amerikai Egyesült Államok : Wiley (2024) 530 p. pp. 371-416. Paper: Chapter 12 , 46 p.

23. Colletti, K
Pharmaceuticals in stream ecosystems: the effects of chronic chemical (carbamazepine and fluoxetine) exposure on macroinvertebrate communities
Vancouver : University of British Columbia, Megjelenés: Kanada,
24. Nayak, A ; Chaudhary, P ; Bhushan, B ; Ghai, K ; Singh, S ; Sillanpää, M
   Removal of emergent pollutants: a review on recent updates and future perspectives
   on polysaccharide-based composites vis-à-vis traditional adsorbents
   INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES 258 : 2 Paper: 129092 (2024)

25. Grabicová, K ; Duchet, C ; Švecová, H ; Randák, T ; Boukal, D S ; Grabc, R
   The effect of warming and seasonality on bioaccumulation of selected pharmaceuticals
   in freshwater invertebrates
   WATER RESEARCH 254 Paper: 121360 (2024)

**Articles published in domestic journals (in English)**

1. Molnár Éva, Rippel-Pethő Dóra, Bocsi Róbert: Solid-Liquid Extraction of Chlorophyll from Microalgae from Photoautotroph Open-Air Cultivation
   HUNGARIAN JOURNAL OF INDUSTRY AND CHEMISTRY 41 : 2 pp. 119-122. , 4 p. (2013) DOI:10.1515/511
   Impact factor: -
   Independent citations: 10
1. Mendes, Vanessa ; de, Lima Sthanley R. ; Torres, Jaqueline O. B. ; Antunes, Andrea ; Messias, Djalmir N. ; Andrade, Acacio A. ; Dantas, Noélio O. ; Zilio, Sergio C. ; Pilla, Viviane
   Preliminary spectroscopic and thermo-optical characterization of anthocyanin unpurified crude extracted from Tradescantia Pallida Purpurea
   DYSES AND PIGMENTS 135 pp. 57-63., 7 p. (2016)

2. Olatunde, Oladipupo Odunayo ; Benjakul, Soottawat ; Vongkamjan, Kitiya
   Antioxidant and antibacterial properties of guava leaf extracts as affected by solvents used for prior dechlorophyllization
   JOURNAL OF FOOD BIOCHEMISTRY 42 : 5 Paper: e12600, 11 p. (2018)

3. Chowdhury, Ranjana ; Das, Sumona ; Ghosh, Shiladitya
   CO2 Capture and Utilization (CCU) in Coal-Fired Power Plants: Prospect of In Situ Algal Cultivation
   In: De, Sudipta; Bandyopadhyay, Santanu; Assadi, Mohsen; Mukherjee, Deb A (szerk.) Sustainable Energy Technology and Policies
   Singapore, Szingapúr : Springer Singapore (2018) pp. 231-254. , 24 p.

4. Amin, M ; Chetpattananondh, P ; Khan, MN ; Mushtaq, F ; Sami, SK
   Extraction and Quantification of Chlorophyll from Microalgae Chlorella sp.
5. Caesar, Jennifer; Tamm, Alexandra; Ruckteschler, Nina; Leifke, Anna Lena; Weber, Bettina
Revisiting chlorophyll extraction methods in biological soil crusts - methodology for determination of chlorophyll a and chlorophyll a plus b as compared to previous methods
BIOGEOSCIENCES 15:5 pp. 1415-1424, 10 p. (2018)

6. Maduwanthi, Chathurika; Nuwanthika, Chathumini; Withanage, Piyuminil; Sandani, Paramitha; Ariyadasa, Thilini
Effect of different pretreatment methods on lipid yield and biodiesel quality of Desmodesmus sp. isolated from Sri Lanka
In: 2019 Moratuwa Engineering Research Conference (MERCon)
IEEE (2019) pp. 583-588, 6 p.

7. Varapasad, D; Sudha, N RAGA; Parveen, S NAZANEEN; Chandrasekhar, T
Effect of various solvents on chlorophyll and carotenoid extraction in green algae: Chlamydomonas reinhardtii and Chlorella vulgaris
Annals of plant and soil research. 21:4 pp. 341-345, 5 p. (2019)

8. Alhattab, Mariam
SURFACTANT-AIDED DISPERSED AIR FLOTATION AS A HARVESTING AND PRE-EXTRACTION TREATMENT FOR CHLORELLA SACCHAROPHILA
Megjelenés/Fokozatszerzés éve: 2019

9. Gomes, Paula GC; Veloso, Amanda F; Maynard, Isabella FN; Marques, Maria N; Souza, Ranyere Lucena; Pereira, Matheus M; Soares, Cleide MF; Lima, Álvaro S
Integrative process to extract chlorophyll and purify rosmarinic acid from rosemary leaves (Rosmarinus officinalis)
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY 95:5 pp. 1503-1510, 8 p. (2020)

10. Olatunde, Oladipupo Odunayo; Benjakul, Soottawat; Huda, Nurul; Zhang, Bin; Deng, Shanggui
Ethanolic Noni (Morinda citrifolia L.) leaf extract dechlorophyllised using sedimentation process: Antioxidant, antibacterial properties and efficacy in extending the shelf-life of striped catfish slices
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY 56:6 pp. 2804-2819, 16 p. (2021)
2. BOBEK, JANKA; RIPPEL-PETHŐ, DÓRA; MOLNÁR, ÉVA; BOCSI, RÓBERT
SELECTIVE HYDROGEN SULPHIDE REMOVAL FROM ACID GAS BY ALKALI CHEMISORPTION IN A JET REACTOR
HUNGARIAN JOURNAL OF INDUSTRY AND CHEMISTRY 44 : 1 pp. 51-54. , 4 p. (2016) DOI: 10.1515/hjic-2016-0006
Impact factor: -
Independent citations: 1

Martínez-Salazar, A.L.; Melo-Banda, J.A.; Coronel-García, M.A.; García-Vite, Pedro M.; Martínez-Salazar, Iris; Domínguez-Esquível, J.M.
Technoeconomic analysis of hydrogen production via hydrogen sulfide methane reformation
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY Online first p. & (2019)

Articles published in domestic journals (in Hungarian)

1. Molnár Éva, Fodor István, Maász Gábor, Pirger Zsolt: Gyógyszerhatóanyagok környezeti kockázatának becslése a Balatonban a vízgyűjtőterület és a szezonális hatások figyelembevételével, HIDROLÓGIAI KÖZLÖNY (2019) 99. évf. 3. sz., 56-60

2. Molnár Éva, Maász Gábor, Pirger Zsolt: A Balaton gyógyszerhatóanyag-terhelése 5 év vizsgálati tapasztalata alapján – esettanulmány, ÖKOTOXIKOLÓGIA (2019) 1. évf. 1. sz., 6-13

3. Pirger Zsolt, Molnár Éva, Győri János, Farkas Anna: A Balaton leggyakoribb gyógyszerhatóanyag, poliaromás szénhidrogén és nehézfém-szennyezői az 1990 – 2020 vizsgálati időszakban, ÖKOTOXIKOLÓGIA (2021) 3. évf. 1. sz., 26-31

Book chapters

1. Zsolt Pirger; Zita Zrinyi; Gábor Maas; Éva Molnar; Tibor Kiss: Pond Snail Reproduction as Model in the Environmental Risk Assessment: Reality and Doubts, BIOLOGICAL RESOURCES OF WATER, Rijeka, Horvátország: InTech Open Access Publisher, pp. 33-53. (2018)
Independent citations: 8

1. Kudikina, Natalya Petrovna; Omelnitskaya, Ella Alexandrovna; Skorobogatykh, Irina Aleksandrovna
ECOLOGICAL RISK OF A NEW CLASS OF POLLUTANTS DESTRUCTING THE ENDOCRINE SYSTEM OF AQUIDOBIONS: MECHANISMS OF INFLUENCE AND BIOMARKERS
In: INTERNATIONAL BALTIC MARITIME FORUM (2018) pp. 233-243. , 11 p.
2. Caixeta, Maxwell Batista; Araújo, Paula Sampaio; Gonçalves, Bruno Bastos; Silva, Luciana Damacena; Grano-Maldonado, Mayra Ixchel; Rocha, Thiago Lopes
   Toxicity of engineered nanomaterials to aquatic and land snails: A scientometric and systematic review
   CHEMOSPHERE 260 : 0 p. 127654 (2020)

3. Chen, Zhongzi; Eaton, Brian; Davies, Jim
   The Appropriateness of Using Aquatic Snails as Bioindicators of Toxicity for Oil Sands Process-Affected Water
   POLLUTANTS 1 : 1 pp. 10-17. , 8 p. (2021)

4. Mehraj, Ahtisham; Pandit, Sangeeta Vallabharay
   Exposure of Copper Nano-Particles (CuNPs) Impairs Developmental Stages and Hatchability in the Fresh Water Snail Indoplanorbis exustus (Planorbidae: Pulmonate) Trends in Sciences 19 : 4 p. 2674 (2022)

5. Abdel-Tawab, Heba; Ibrahim, Amina M.; Hussein, Taghreed; Mohamed, Fatma
   Mechanism of action and toxicological evaluation of engineered layered double hydroxide nanomaterials in Biomphalaria alexandrina snails
   ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 29 : 8 pp. 11765-11779. , 15 p. (2022)

6. Habib, Mohamed R.; Mohamed, Azza H.; Nassar, Abdel Hameed A.; Sheir, Sherin K.
   Bisphenol A effects on the host Biomphalaria alexandrina and its parasite Schistosoma mansoni
   ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 30 : 43 pp. 97824-97841. , 18 p. (2023)

7. Morais, H.; Arenas, F.; Cruzeiro, C.; Galante-Oliveira, S.; Cardoso, P.G.
   Combined effects of climate change and environmentally relevant mixtures of endocrine disrupting compounds on the fitness and gonads’ maturation dynamics of Nucella lapillus (Gastropoda)
   MARINE POLLUTION BULLETIN 190 Paper: 114841 (2023)

8. Gnatyshyna, Lesya; Khoma, Vira; Martinyuk, Viktoria; Matskiv, Tetyana; Pedrini-Martha, Veronika; Niederwanger, Michael; Stiliar, Oksana; Dallinger, Reinhard
   Sublethal cadmium exposure in the freshwater snail Lymnaea stagnalis meets a deficient, poorly responsive metallothionein system while evoking oxidative and cellular stress
   COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY AND PHARMACOLOGY 263 Paper: 109490 (2023)
Other publications

1. Maász Gábor; Zrínyi Zita; Molnár Éva; Takács Péter; Pirger Zsolt: „Tisztább, mint az átlag”- folytadódnak a gyógyszermaradvány felmérések a Balatonban (2018), https://www.okologia.mta.hu

2. Molnár Éva, Maász Gábor, Pirger Zsolt: Humán eredetű szennyezőanyagok a Balatonban I. - Gyógyszermaradványok mennyiségi és minőségi viszonyai a szezonáltság függvényében https://eionet.kormany.hu/human-eredetu-szennyezoanyagok-a-balatonban-i

3. Molnár Éva, Maász Gábor, Pirger Zsolt: Humán eredetű szennyezőanyagok a Balatonban II. - Gyógyszermaradványok okozta lehetséges kockázatok a kockázatbecslési módszerek gyengeségeinek tükrében https://eionet.kormany.hu/human-eredetu-szennyezoanyagok-a-balatonban-ii

Conference publications

1. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza: Nagyhatékonyságú eljárás földgázok kénhidrogén tartalmának csökkentésére, XX. Nemzetközi Vegyészkonferencia, Kolozsvár, Románia, 2014.11.06-2014.11.09., Erdélyi Magyar Műszaki Tudományos Társaság (EMT), p. 36., ISSN 1843-6293

2. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert: A porlasztás nyújtotta lehetőségek alkali lúgos földgáztisztításnál, A XX. Fiatal Műszaki Tudományos Ülésszak Előadásai, (Műszaki Tudományos Közlemények; 3.), Kolozsvár, Románia, 2015.03.19-2015.03.20., Erdélyi Múzeum-Egyesület (EME), pp. 223-226., ISSN 2393-1280

3. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Takács Gyöngyi: Savanyú gázok kénhidrogén tartalmának hatékony abszorbeálása különböző nátriumhidroxid oldatokban, XXI. Nemzetközi Vegyészkonferencia, Csíksomlyó, Románia, 2015.09.23-2015.09.27., Erdélyi Magyar Műszaki Tudományos Társaság (EMT), p. 18., ISSN 1843-6293

4. Éva Molnár, Dóra Rippel-Pethő, Géza Horváth, Róbert Bocsi: Efficient natural gas sweeting process by alkaline caustic chemisorption, 42nd International Conference of Slovak Society of Chemical Engineering, Tatranske Matliare, Szlovákia, 2015.05.25-2015.05.29. Slovak Society of Chemical Engineering (SSCHE), p. 147., ISBN 978-80-89475-14-8

5. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Takács Gyöngyi: Savanyú gázok kénhidrogén tartalmának hatékony abszorbeálása különböző nátriumhidroxid oldatokban, XXI. Nemzetközi Vegyészkonferencia, Csíksomlyó, Románia, 2015.09.23-2015.09.27., Erdélyi Magyar Műszaki Tudományos Társaság (EMT), p. 18., ISSN 1843-6293

6. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Bobek Janka: Nátriumhidroxid abszorbenssel végzett kénhidrogén-mentesítés gazdaságosabbá tételenek vizsgálata, A XXI. Fiatal Műszakiak Tudományos Ülésszaka előadásai, (Műszaki
7. Bobek Janka, Molnár Éva, Rippelné Pethő Dóra, Bocsi Róbert: Savas karakterű gázok szelektív kén-hidrogénnentesítése, A XXI. Fiatal Műszakiak Tudományos Ülészek Előadásai, Kolozsvár, Románia, 2016.03.17., Erdélyi Múzeum-Egyesület (EME), pp. 109-112., ISSN 2393-1280

8. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Bobek Janka: Alkáli lúgos kén-hidrogén abszorpció vizsgálata a gazdasági szempontok figyelembevételével, Műszaki Kémiai Napok 2016, Veszprém, Magyarország, 2016.04.26-2016.04.28., Pannon Egyetem, Műszaki Informatikai Kar, Műszaki Kémiai Kutató Intézet, p. 66., ISBN 978-963-396-087-5

9. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Bobek Janka: Biogáz kén-hidrogén tartalmának eltávolítása alkáli lúgos oldat beporlasztásával, XXII. Nemzetközi Vegyészkonferencia, Temesvár, Románia, 2016.11.03-2016.11.06., Erdélyi Magyar Műszaki Tudományos Társaság (EMT), p. 32., ISSN 1843-6293

10. Molnár Éva, Fodor István, Takács Péter, Zrínyi Zita, Kuzma Mónika, Mayer Mátyás, Pirger Zsolt és Maász Gábor: Gyógyszerhatóanyag koncentrációk felmérése a Balatonban és annak vízgyűjtő területén a szezonális hatások figyelembevételével, VIII. Őkotoxikológiai Konferencia, Budapest, Magyarország, 2018.11.23., p.20., ISBN 978-963-89452-9-7

11. É. Molnár, I. Fodor, P. Takács, Z. Zrinyi, M. Kuzma, M. Mayer, Z. Pirger, G. Maász: The Environmental Impact of Summer Social Events on the Largest Shallow Lake in Central Europe, ISEAC 40, International, Conference on Environmental & Food Monitoring, Santiago de Compostela, Spanyolország, 2018. 06.19-22., p. 310., ISBN: 978-84-09-03799-5

12. Molnár Éva, Fodor István, Takács Péter, Zrínyi Zita, Kuzma Mónika, Mayer Mátyás, Pirger Zsolt, Maász Gábor: Gyógyszerhatóanyag koncentrációk felmérése a Balatonban és annak vízgyűjtő területén a szezonális hatások figyelembevételével, LX. Hidrobiológus Napok, Tihany, 2018.10.3-5. Hagyomány és megújulás a hidrobiológiában, p. 22., ISBN: 978-615-5799-02-0

13. Molnár Éva, Fodor István, Takács Péter, Zrínyi Zita, Kuzma Mónika, Mayer Mátyás, Pirger Zsolt és Maász Gábor: Gyógyszerhatóanyag-konzentrációk felmérése a Balatonban és annak vízgyűjtő területén a szezonális hatások figyelembevételével, VIII. Ökotoxikológiai Konferencia, Budapest, Magyarország, 2018.11.23., p.20., ISBN 978-963-89452-9-7

14. Eva Molnar, Judit Hahn, Istvan Fodor, Zita Zrinyi, Sandor Szoboszlay, Zsolt Pirger, Gabor Maasz: Environmental risk assessment of pharmaceuticals in the largest shallow lake in Central Europe, ICCE 2019, 17th International Conference on Chemistry and Environment, Thessaloniki, Görögország, 2019.06.16-20., p.943-945
15. **Molnár Éva, Fodor István, Pirger Zsolt és Maász Gábor:** Gyógyszerhatóanyag-koncentrációk környezeti kockázati elemzése a Balatonban, IX. MÖTT Konferencia a Magyar Ökotoxikológiai Társaság szervezésében, Budapest, 2019.11.22., Ökotoxikológia (2019) 1. évf. 2. sz., p. 15-16. ISSN 2732-2556

16. **Maász Gábor, Fodor István, Molnár Éva, Zrínyi Zita, Svigruha Réka, Kiss Tibor, Pirger Zsolt:** A környezetből kimutatható pszichoaktív hatóanyagszennyezések felmérése és az általuk indukált változások vizsgálata a nagy mocsári csiga (**Lymnaea stagnalis**) központi idegrendszerében, IX. MÖTT Konferencia a Magyar Ökotoxikológiai Társaság szervezésében, Budapest, 2019.11.22., Ökotoxikológia (2019) 1. évf. 2. sz., p. 16-17. ISSN 2732-2556

17. **Pirger Zsolt, Fodor István, Svigruha Réka, Molnár Éva, Zrínyi Zita, Kiss Tibor, Maász Gábor:** Környezeti kockázatbecslés alapján beállított gyógyszerszennyezések élettani hatásai nagy mocsári csigán (**Lymnaea stagnalis**), IX. MÖTT Konferencia a Magyar Ökotoxikológiai Társaság szervezésében, Budapest, 2019.11.22., Ökotoxikológia (2019) 1. évf. 2. sz., p. 19. ISSN 2732-2556

18. **Molnár Éva, Pirger Zsolt:** A környezeti kockázatbecslés kihívásai és hiányosságai egy balatoni gyógyszerhatóanyag koncentrációkat értékelő esettanulmány tapasztalatai alapján, X. MÖTT Konferencia a Magyar Ökotoxikológiai Társaság szervezésében, online konferencia, 2020.12.04. Ökotoxikológia (2020) 2. évf. 2. sz., p. 18-19, ISSN 2732-2556

19. **Fodor István, Svigruha Réka, Molnár Éva, Urbán Péter, Joris M. Koenec, Pirger Zsolt:** Progesztogének indukált hatások a nagy mocsári csiga (**Lymnaea stagnalis**) neuroendokrin és reprodukciós rendszerében, X. MÖTT Konferencia a Magyar Ökotoxikológiai Társaság szervezésében, online konferencia, 2020.12.04. Ökotoxikológia (2020) 2. évf. 2. sz., p. 9-10, ISSN 2732-2556

**Presentations**

1. **Molnár Éva, Rippelné Pethő Dóra, Horváth Géza:** Nagyhatékonyságú eljárás földgázok kénhidrogén tartalmának csökkentésére, XX. Nemzetközi Vegyészkonferencia, Kolozsvár, Románia, 2014.11.06-2014.11.09.

2. **Molnár Éva, Rippelné Pethő Dóra, Horváth Géza:** A kompetitív kemiszorpció okozta nehézségek alkali lúgos kénhidrogén-mentesítésnél, PhD hallgatók anyagtudományi napja XIV., Veszprém, Magyarország, 2014.11.24.

3. **Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsí Róbert:** A porlasztás nyújtotta lehetőségek alkali lúgos földgáztisztításnál, XX. Fiatal Műszakiak Tudományos Ülésszaka, Kolozsvár, Románia, 2015.03.19-2015.03.20.

4. **Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsí Róbert:** Benefits of jet reactor application in alkaline caustic gaspurificaton, Műszaki Kémiai Napok 2015, Veszprém, Magyarország, 2015.04.21-2015.04.23.
5. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Takács Gyöngyi: Savanyú gázok kén-hidrogén tartalmának hatékony abszorbeálása különböző nátrium-hidroxid oldatokban, XXI. Nemzetközi Vegyészkonferencia, Csíksomlyó, Románia, 2015.09.23-2015.09.27.

6. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza: Külböző CO2-tartalmú savanyú gázkoverdekek kén-hidrogénmentesítésének tanulmányozása jet reaktorban, PhD hallgatók anyagtudományi napja XV., Veszprém, Magyarország, 2015. 11. 16.

7. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Bobek Janka: Nátrium-hidroxid abszorbenssel végzett kénhidrogén-mentesítés gazdaságosabbá tételenek vizsgálata, XXI. Fiatal Műszakiak Tudományos Ülésszaka, Kolozsvár, Románia, 2016.03.17-2016.03.18.

8. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Bobek Janka: Alkáli lúgos kén-hidrogén abszorpciő vizsgálata a gazdasági szempontok figyelembevételével, Műszaki Kémiai Napok 2016, Veszprém, Magyarország, 2016.04.26-2016.04.28.

9. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Bobek Janka: Biogáz kén-hidrogén tartalmának eltávolítása alkáli lúgos oldat beporlasztásával, XXII. Nemzetközi Vegyészkonferencia, Temesvár, Románia, 2016.11.03-2016.11.06.

10. Molnár Éva, Rippelné Pethő Dóra, Horváth Géza, Bocsi Róbert, Bobek Janka: Szelektív kén-hidrogén abszorpciő vizsgálata nátrium-hidroxid oldatban Jet reaktor alkalmazása esetén, Műszaki Kémiai Napok 2017, Veszprém, Magyarország, 2017.04.25-2017.04.27.

11. Éva Molnár: Analytical measurement of active pharmaceutical ingredients in Lake Balaton and its catchment area, VEAB, Veszprém, Magyarország, 2018.05.30.

12. Molnár Éva, Fodor István, Takács Péter, Zrínyi Zita, Kuzma Mónika, Mayer Mátýas, Pirger Zsolt, Maász Gábor: Gyógyszerhatóanyag koncentrációk felmérése a Balatonban és annak vizsgáló területén a szezonális hatások figyelembevételével, LX. Hidrobiológus Napok, Tihany, Magyarország, 2018.10.3-5.

13. Molnár Éva, Fodor István, Takács Péter, Zrínyi Zita, Kuzma Mónika, Mayer Mátýas, Pirger Zsolt, Maász Gábor: Gyógyszerhatóanyag-koncentrációk felmérése a Balatonban és annak vizsgáló területén a szezonális hatások figyelembevételével, VIII. Ökotoxikológiai Konferencia, Budapest, Magyarország, 2018.11.23.

14. Molnár Éva, Fodor István, Takács Péter, Zrínyi Zita, Kuzma Mónika, Mayer Mátýas, Pirger Zsolt és Maász Gábor: Gyógyszerhatóanyag-koncentrációk felmérése a Balatonban és annak vizsgáló területén a szezonális hatások figyelembevételével, Zöld környezet, kék Balaton, Siófok, Magyarország, 2019.02.19.

15. Molnár Éva: Gyógyszerhatóanyag-koncentrációk felmérése a Balatonban és annak vizsgáló területén a szezonális hatások figyelembevételével, Zöld környezet, kék Balaton, Siófok, Magyarország, 2019.02.19.

16. Molnár Éva, Fodor István, Pirger Zsolt és Maász Gábor: Gyógyszerhatóanyag-koncentrációk környezeti kockázati elemzése a Balatonban, IX. MÖZTT Konferencia a Magyar Ökotoxikológiai Társaság szervezésében, Budapest, 2019.11.22.
17. **Molnár Éva, Pirger Zsolt**: A környezeti kockázatbecslés kihívásai és hiányosságai egy balatoni gyógyszerhatóanyag koncentrációkat értékelő esettanulmány tapasztalatai alapján, X. MÓTT Konferencia a Magyar Ökotoxikológiai Társaság szervezésében, online konferencia, 2020.12.04.

18. **Molnár Éva**: A környezeti kockázatbecslés módszerének kritikai elemzése egy balatoni gyógyszerhatóanyag koncentrációkat értékelő tanulmány tapasztalatai alapján, Pannon Tudományos Nap, online konferencia, 2020.11.16-17.

**Posters**

1. **Éva Molnár, Dóra Rippel-Pethő, Géza Horváth, Róbert Bocsi**: Efficient natural gas sweeting process by alkaline caustic chemisorption, 42nd International Conference of Slovak Society of Chemical Engineering, Tatranske Matliare, Szlovákia, 2015.05.25-2015.05.29.

2. **Éva Molnár, Dóra Rippel-Pethő, Géza Horváth, Róbert Bocsi, Janka Bobek**: Selective removal of H2S from sour gases by using alkali absorbent, 44th International Conference of Slovak Society of Chemical Engineering, Demanovská Dolina, Szlovákia, 2017.05.22-2017.05.26.

3. **Éva Molnár, István Fodor, Péter Takács, Zita Zrinyi, Mónika Kuzma, Mátyás Mayer, Zsolt Pirger, Gábor Maász**: The Environmental Impact of Summer Social Events on the Largest Shallow Lake in Central Europe, ISEAC 40, International, Conference on Environmental & Food Monitoring, Santiago de Compostela, Spanyolország, 2018.06.19-22.

4. **Eva Molnar, Judit Hahn, Istvan Fodor, Zita Zrinyi, Sandor Szoboszlay, Zsolt Pirger, Gabor Maasz**: Environmental risk assessment of pharmaceuticals in the largest shallow lake in Central Europe, ICCE 2019, 17th International Conference on Chemistry and Environment, Thessaloniki, Görögország, 2019.06.16-20.

**Total number of independent references: 159 (updated according to MTMT on 19.06.2024)**
**Cumulative impact factor of published publications: 45.42**
**The cumulative impact factor of the last 5 years: 42.85**