



Europass
Curriculum vitae



Personal information

Surname / First name	Korponai, János L.	
Address	8360, Keszthely, Stromfeld Aurél utca 12/b, Hungary	
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Fax (s)		
Emails)	korponai.janos@iif.hu; korponai.janos@uni-nke.hu	
Nationality	Hungarian	
Date of birth	1964.01.30.	
Marital status	married	

Professional experience

Period	September 2023 - July 2024
Occupation / position	lecturer
Main activities and responsibilities	lecturing, supervising limnological and paleolimnological research; trophic interactions in lakes, limnology of high mountain lakes
Name and address of employer	Department of Environmental and Landscape Geography, Eötvös Loránd University, 1117 Budapest, Pázmány Péter sétány 1/C
Period	May 2019 -
Occupation / position	associate professor
Main activities and responsibilities	lecturing, supervising limnological and paleolimnological research; trophic interactions in lakes, limnology of high mountain lakes
Name and address of employer	National University of Public Administration, Faculty of Water Sciences, Department of Water Supply and Sewerage, 6500 Baja, Bajcsy-Zsilinszky utca 12-14., Hungary
Period	September 2018 -
Occupation / position	external lecturer
Main activities and responsibilities	Courses: Global environmental crises, Landscape ecology, Biogeochemical cycles
Name and address of employer	Sapientia Hungarian University of Transylvania, Faculty of Environmental Sciences, 400193 Cluj-Napoca, Calea Turzii str. 4, Romania

Period	May 2018 - December 2018
Occupation / position	other legal relationship
Main activities and responsibilities	lecturing, supervising limnological and paleolimnological research; trophic interactions in lakes, limnology of high mountain lakes
Name and address of employer	University of Pannonia, Institute of Environmental Sciences, Veszprém, Egyetem tér 10., Hungary
Period	February 2016 - April 2019
Occupation / position	associate professor
Main activities and responsibilities	lecturing, supervising limnological and paleolimnological research; trophic interactions in lakes, limnology of high mountain lakes
Name and address of employer	Eötvös Lóránd University, Faculty of Science, Savaria Department of Biology, Szombathely, Károlyi G. tér 4., Hungary
Period	January 2008 - January 2016
Occupation / position	associate professor
Main activities and responsibilities	lecturing, supervising limnological and paleolimnological research; trophic interactions in lakes, limnology of high mountain lakes
Name and address of employer	University of West Hungary, Faculty of Science and Technology, Institute of Geography and Environmental Sciences, Szombathely, Károlyi G. tér 4., Hungary
Period	October 2007 - December 2007
Occupation / position	associate professor
Main activities and responsibilities	lecturing, supervising limnological and paleolimnological research; trophic interactions in lakes, limnology of high mountain lakes
Name and address of employer	University of West Hungary, Faculty of Science and Technology, Institute of Geography and Environmental Sciences, Szombathely, Károlyi G. tér 4., Hungary
Period	September 2006 - October 2007
Occupation / position	external lecturer
Main activities and responsibilities	lecturing, supervising limnological and paleolimnological research; trophic interactions in lakes, limnology of high mountain lakes
Name and address of employer	University of West Hungary, Faculty of Science and Technology, Institute of Geography and Environmental Sciences, Szombathely, Károlyi G. tér 4., Hungary
Period	2015-2019
Occupation / position	Senior Research Fellow
Main activities and responsibilities	limnological and paleolimnological research; trophic interactions in lakes, limnology of high mountain lakes

Name and address of employer Office for Research Groups of the Hungarian Academy of Sciences, 1051 Budapest, Nádor utca 7., Hungary

Period 1992 - 2015

Occupation / position hydrobiologist

Main activities and responsibilities Zooplankton monitoring, trophic interactions and nutrient transport processes in the Kis-Balaton Water Protection System .

Name and address of employer West Transdanubian Environmental and Water Directorate, Kis-Balaton Operation Engineering, 8360 Keszthely, Csik Ferenc sétány 4., Hungary

Period 1989-1992

Occupation / position assistant lecturer

Main activities and responsibilities Teaching activities: Zootaxonomy course, field practice
Taxonomy of Ceratopogonidae and Simuliidae (Diptera)

Name and address of employer Janus Pannonius University, Faculty of Teacher Education, Department of Zoology, Pécs, Hungary

Period 1988-1989

Occupation / position biologist

Main activities and responsibilities phyto- and zooplankton monitoring

Name and address of employer South-Transdanubian Water Directorate, Pécs, Hungary

Period 1987-1988

Occupation / position biologist

Main activities and responsibilities biological analysis of drinking water

Name and address of employer Pécs Waterworks, Pécs, Hungary

Studies

Period 1994-2002

Education / qualification PhD

Main subjects / practical training Thesis: The temporal and spatial pattern of microcrustaceans, and their role in the trophic structure in Hidveg Pond.

Name and type of institution providing education / training University of Debrecen, Debrecen, Hungary

Period 1982 – 1987

Education / qualification MSc in Biology

Main subjects / practical training Ecology, limnology, zootaxonomy

Name and type of education / training institution University of Kossuth Lajos, Debrecen, Hungary

Skills and competencies

Language skills					
Mother tongue (s)	Hungarian				
Other languages)					
Self-assessment	Comprehension		Speech		Comprehension
<i>European level (*)</i>	Listening	Reading	Listening	Reading	Listening
ENGLISH	independent	independent	independent	independent	independent
	B2 language user	B2 language user	B2 language user	B2 language user	B2 language user
(*) Common European Framework of Reference (CEFR) levels					

RUSSIAN	Basic
Computer and knowledge	Microsoft Word, Access, Excel, Power Point, Corel DRAW, SPSS, PAST, R- Statistical environment
Driving license	Category B license
Individual skills and competencies	creativity, team spirit, flexibility, practicality, sophistication at work

Scientific activity

Main indicators of scientific activity	Number of scientific publications: 101 total impact factor: 93.29 Number of independent references: 602 Hirsch index: 18
Number of students with PhD degrees	Gyulai, István, 2018, JP Doctoral School, UD Kövér, Csilla, 2016, KP Doctoral School of Environmental Sciences, UWH
Number of pre-doctors and PhD students	Méhes, Nikolett, RGy Doctoral School of Forestry and Wildlife Management Sciences, US
PhD committee	Kelemen Szabolcs (opponent, PhD, 2023, UBB, Romania) Fekete, Judit (member, PhD, 2023, Univ. Pannonia) Nagy-László, Zsolt (examiner, opponent, PhD, 2023, Univ. Pannonia) Hervai, Ákos (opponent, PhD, 2021, Univ. Pécs) Pál, Ilona (opponent, PhD, 2018, ELTE) Vincze, Ernő (examiner, PhD, 2018, Univ. Pannonia) Selmeczy, Géza (opponent, PhD, 2017, Univ. Pannonia) Lengyel, Edina (examiner, PhD, 2017, Univ. Pannonia) Sorocki-Pintér, Éva (opponent, PhD, 2015, Univ. Pannonia) Vad Csaba, Ferenc (opponent, PhD, 2014, ELTE) Ferincz, Árpád (opponent, PhD, 2014, Univ. Pannonia) Baranyai, Eszter (examiner, opponent, PhD, 2013, Univ. Pannonia) Szivák, Ildikó (opponent, PhD, 2013, Univ. Pécs) Charo Lopez, Blanco (member, PhD, 2012, University of Valencia, Spain) Kovács, Kata (opponent, PhD, 2012, Univ. Pannonia) Ács András, (opponent, PhD, 2010, Univ. Pannonia) Boros, Gergely (opponent, PhD, 2010, Univ. Pannonia) Üveges, Viktória (opponent, PhD, 2010, Univ. Pannonia) Vadadi-Fülöp, Csaba (opponent, PhD, 2010, ELTE) Várbíró, Gábor (opponent, PhD, 2009, Univ. Debrecen) Balogh, Csilla (examiner, opponent, PhD, 2008, Univ. Pannonia) Juhász, Judit (opponent, Ph.D., 2004, ELTE)

Research manager experience

Participation in tenders	2016 – 2020	Compositional and functional biodiversity of aquatic assemblages along spatial and temporal gradients - vulnerability, resilience, implications for applied issues (OTKA 120595)
	2016 – 2020	CRYPTIC: CRYPTogams' Traits In the Carpathians (OTKA 119208)
	2016 – 2019	Sustainable use of ecosystem services - research for mitigating the negative effect of climate change, land use change and biological invasion (GINOP 2.3.2-15-2016-00019)
	2012 – 2017	Providing long environmental and genetic records of glacial and interglacial climatic oscillations and human impact in the Carpathian Basin (PROLONG) (OTKA 101362)
	2005 – 2008	Relationship between food web and trophic conditions in a shallow freshwater ecosystem (OTKA 48758)
	2005 – 2007	Effect of water level changes on ecological status of Lake Balaton (NKFP)
	2004 – 2008	Microcrustacean community structure and its palaeoecological reconstruction in shallow waters (OTKA 49098, PI)

Foreign research experience	2023.09.15 – 2023.09.25	School of Agrarian and Environmental Science, University of Asores, Portugal
	2018.04.02 – 2018.04.14	Department of Environmental Science, Sapientia Hungarian University of Transylvania, Romania
	2014.10 – 2015.03	Department of Geosciences and Geography, University of Helsinki, Finland
	2001.08 – 2001.09	Catholic University of Leuven, Leuven, Belgium
	1997.10 – 1997.12	Department of Biology, University of Turku, Turku, Finland

Identifiers, references	MTMT:	10000114
	ORCID	0000-0003-0211-192X
	MTA ID	10009575
	ResearcherID	G-1438-2011
	Scopus ID	6507695544
	Public body	15692

Editorial activity	2020.	Water, an Open Access Journal by MDPI. Guest Editor of Special Issue: "The Response of the Plankton Community to Environmental Stress"
	2009.	Buczkó, K., Korponai, J., Padisák, J., Starratt, SW (szerk.) Palaeolimnological proxies as tools of environmental reconstruction in fresh water Dordrecht, Hollandia : Springer (2009) , 327 p. ISBN: 9789048133864

Peer-review review	Journal of Paleolimnology, Ecological Engineering, Hydrobiologia, Water (Switzerland), Ecological Indicators, Limnetica, Toxins, International Journal of Environmental Research and Public Health, Polish Polar Research, Journal of Marine Science and Engineering, Sustainability, Geosciences, Fundamental and Applied Limnology
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Conference organization	2018. 15th International Subfossil Cladoceran Workshop, Veszprém, Hungary (ELTE-MTA-PE) 2008. 10th International Subfossil Cladoceran Workshop, Keszthely, Hungary (NYUDIVIZIG)
Participation in international conferences	2022. Joint Meeting International Paleolimnology Association – International Association of Limnogeology, Bariloche, Argentina 2020. 17th Carpathian Basin Conference for Environmental Sciences, Cluj-Napoca, Romania 2019. 15th Carpathian Basin Conference for Environmental Sciences, Cluj-Napoca, Romania 2018. 15th International Subfossil Cladoceran Workshop, Veszprém, Hungary (ELTE-MTA-PE) 2018. Joint Meeting International Paleolimnology Association – International Association of Limnogeology, Stockholm, Sweden 2016. 14th International Subfossil Cladoceran Workshop, Levico Terme, Italy 2014. 14th International Subfossil Cladoceran Workshop, Tallin, Estonia 2012. 12nd Subfossil Cladocera Workshop, Helsinki, Finland 2010. 11st Subfossil Cladocera Workshop, Warsaw, Poland 2008. 10th Subfossil Cladocera Workshop, Keszthely, Hungary 2007. 9th Subfossil Cladocera Workshop, Valencia, Spain 2007. 5th Symposium for European Freshwater Sciences (SEFS5), Palermo, Italy, 2005. 7th International Symposium on Cladocera, Herzberg, Switzerland 2002. 4th International Conference on Reservoir Limnology and Water Quality, České Budějovice, Czech Republic 2002. Shallow Lakes 2002 - International Conference on Limnology of Shallow Lakes, Balatonfüred, Hungary 2000. International Symposium on Food web effects of fish in the lake ecosystem, Rheinsberg-Linow, Germany 1999. 5th International Symposium on Cladocera, Plön, Germany 1998. XXVII SIL (Societas Internationalis Limnologiae) Congress, Dublin, Ireland 1997. 3rd International Conference on Reservoir Limnology and Water Quality, České Budějovice, Czech Republic 1996. 4th International Symposium on Cladocera, Postojna, Slovenia 1990. 2nd International Congress of Dipterology, Bratislava, Czechoslovakia

- 2022. 64st Hydrobiological Days, Tihany
- 2020. 62st Hydrobiological Days, Tihany
- 2019. 2nd National Conference on Municipal Rainwater Management Baja
- 2019. 61st Hydrobiological Days, Tihany
- 2019. Meeting of Hungarian Hydrological Society, 37., Pécs
- 2018. 60th Hydrobiological Days, Tihany
- 2013. 55th Hydrobiological Days, Tihany
- 2012. 54th Hydrobiological Days, Tihany
- 2010. 52nd Hydrobiological Days, Tihany
- 2009. 51st Hydrobiological Days, Tihany
- 2007. 49th Hydrobiological Days, Tihany
- 2006. 48th Hydrobiological Days, Tihany
- 2003. 45th Hydrobiological Days, Tihany
- 2001. 43rd Hydrobiological Days, Tihany
- 1999. 41st Hydrobiological Days, Tihany
- 1997. 39th Hydrobiological Days, Tihany
- 1996. 2nd Conference on Kis-Balaton, Keszthely, Hungary
- 1994. Meeting of Hungarian Hydrological Society, 22., Siófok

**Lista de lucrări în domeniul de studii universitare
Știința Mediului (Știința mediului)**

Numele și prenumele: KORPONAI JÁNOS

A. Teza de doctorat.

The temporal and spatial pattern of microcrustaceans, and their role in the trophic structure in Hidveg Pond (2002)

B. Cărți și capitole în cărți publicate

1. Buczkó, K.; Máthé, I.; Jakab, G.; Tóth, M.; Braun, M.; **Korponai, J.**; Ács, É.; Karátson, D.; Magyari, E. *Past and present limnological changes in Lake St. Ana* In: Karatson, D.; Veres, D.; Gertisser, R.; Magyari, E.; Jánosi, C.; Hambach, U. (szerk.) Ciomadul (Csomád), The Youngest Volcano in the Carpathians, Cham (Germania): Springer International Publishing (2022) Paper: Chapter 10
2. **Korponai, János** ; Forró, László ; Braun, Mihály ; Kövér, Csilla ; Papp, István ; Gyulai, István Reconstruction of flood events in oxbow sediment by subfossil cladocerans In: Neményi, M; Heil, B (szerk.) The Impact of Urbanization, Industrial and Agricultural Technologies on the Natural Environment, Footprint Budapest, Magyarország : Nemzeti Tankönyvkiadó (2012) 400 p. pp. 303-312., 10 p.
3. J Kovács, P Tanos, J **Korponai**, IK Székely, K Gondár, K Gondár-Sőregi. 2012. Analysis of water quality data for scientists. Water quality monitoring and assessment. InTech, 65-94
4. Buczkó, K (szerk.) ; **Korponai, J** (szerk.) ; Padisák, J (szerk.) ; Starratt, SW (szerk.) Palaeolimnological proxies as tools of environmental reconstruction in fresh water Dordrecht, Hollandia : Springer (2009) , 327 p
5. Paulovits, Gábor ; Tátrai, István ; **Korponai, János** ; Kovács, Nóra Az ezüstkárász (Carassius auratus Gibelio Bloch) szerepe a Balaton és a Kis-Balaton tározó táplálékhálózatában és a víz minőségének alakulásában In: Salánki, J; Padisák, J (szerk.) A Balaton kutatásának 1998-as eredményei Veszprém, Magyarország : MTA VEAB (1999) 186 p. pp. 93-98. , 6 p.

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Tombor, Eszter; Korponai, János László; Zsigmond, Andreea-Rebeka; Ofosu-Brakoh, Abigail Amponsaah; Szalai, Zoltán; Bede-Fazekas, Ákos; Magyari, Enikő Katalin ✉ Response of a shallow water reservoir to anthropogenic stressors: implications for the water supply of lake Velence, a major recreational lake in Hungary HYDROBIOLOGIA , 26 p. (2026)
2. Ács, Éva ; **Korponai, János** László* ; Kiss, Keve Tihamér ; Bíró, Tibor ; Duleba, Mónika ; Grigorszky, István ; Szekeres, József ; Vadkerti, Edit ; Somlyai, Imre Integration of Morphology-Based and Molecular Techniques to Study the Most Significant Diatom Order (Thalassiosirales) of Phytoplankton in the River Danube FRESHWATER BIOLOGY 70 : 1 pp. 1-15. Paper: e14360 , 15 p. (2025) **DOI** DOI: 10.1111/fwb.14360
3. Darabos, Gabriella; **Korponai, János** ; Moskal-del Hoyo, Magdalena ; Bobek, Přemysl ; Bede-Fazekas, Ákos ; Rédei, Tamás ; Szmorad, Ferenc ; Standovár, Tibor ; Magyari, Enikő K. Surviving on the edge: the role of medieval and modern age charcoal production in the stand composition of colline beech woodlands in NE Hungary (EC Europe) VEGETATION HISTORY AND ARCHAEOBOTANY 2025 , 18 p. (2025)
4. Formáčeková, Aneta ; Hamerlík, Ladislav ; Țuțuianu, Laurențiu ; Vespremeanu-Stroe, Alfred ; Preoteasa, Luminita ; Hanganu, Diana ; Jakab, Gusztáv ; **Korponai, János** L. ; Bede-Fazekas, Ákos ; Tombor, Eszter et al. Holocene summer temperature variability in the Southern Carpathians: possible North Atlantic Jet forcing and high-altitude sensitivity QUATERNARY SCIENCE REVIEWS 360 Paper: 109378 , 20 p. (2025)
5. Ofosu-Brakoh, Abigail A. ; Bede-Fazekas, Ákos ; **Korponai, János** ; Szmorad, Ferenc ; Begy, Robert ; Zsigmond, Andreea R. ; Pál, Ilona ; Horváth, István ; Magyari, Enikő K. Correction: Late Holocene hemp (Cannabis sativa) retting in NE Hungary and the Holocene spread of hemp cultivation in eastern-central Europe VEGETATION HISTORY AND ARCHAEOBOTANY , 1 p. (2025)

6. Stenger-Kovács, Csilla; Korponai, János ; Abubaker, Bassam ; B-Béres, Viktória ; Buczkó, Krisztina ; Udovič, Gligora Marija ; Király, Edit ; Padisák, Judit ; Selmeczy, Géza ; Tapolczai, Kálmán et al. Role of rare species in benthic diatom communities: patterns, processes and networks BIODIVERSITY AND CONSERVATION 34 : 6 pp. 2095-2118. , 24 p. (2025)
7. Szabó, Sándor ; Fedor, Noémi ; Koleszár, Gergő ; Braun, Mihály ; Korponai, János ; Kočić, Aleksandra ; Hilt, Sabine ; Oláh, Viktor ✉ Submerged Macrophytes Can Maintain Stable Dominance Over Free-Floating Competitors Through High pH FRESHWATER BIOLOGY 70 : 1 pp. 1-11. Paper: e14363 , 11 p. (2025)
8. Tombor, E. ✉ ; Korponai, János László ; Begy, R. ; Zsigmond, A. R. ; Wojewódka-Przybył, M. ; Hamerlík, L. ; Túri, M. ; Máthé, I. ; Kotrys, B. ; Plóciennik, M. et al. Resilience of alpine lake macroinvertebrate communities to climate change: a view from the South Carpathian Mountains HYDROBIOLOGIA , 26 p. (2025)
9. Ofosu-Brakoh, Abigail A. ; Bede-Fazekas, Ákos ; **Korponai, János** ; Szmorad, Ferenc ; Begy, Robert ; Zsigmond, Andreea R. ; Pál, Ilona ; Horváth, Imre ; Magyari, Enikő K. ✉ Late Holocene hemp (*Cannabis sativa*) retting in NE Hungary and the Holocene spread of hemp cultivation in eastern-central Europe VEGETATION HISTORY AND ARCHAEOBOTANY , 20 p. (2025)
10. Bartalovics, Bea ; Tímea, Chamutiová ; Ladislav, Hamerlík ; Arnold, Móra ; János, Korponai ; Zoltán, Szabó ; Enikő, Magyari Long-term changes of Chironomidae assemblages of Lake Balaton In: Book of Abstracts, 22nd International Symposium on Chironomidae (2024) p. 47
11. Begy, Robert-Cs. ; Savin, Codrin-F. ; Korponai, János ; Magyari, Enikő ; Kovács, Tibor ✉ Investigation of the last two centuries sedimentation dynamics in high-altitude lakes of Southern Carpathians, Romania SCIENTIFIC REPORTS 14 : 1 Paper: 1391 , 10 p. (2024)
12. Gyulai, István ; Korponai, János ✉ ; Wamugi, Sheila Mumbi A. ; Jakab, Jázmin ; Kawu, Umar Abba ; Soltész, Andor G. ; Karches, Tamás ; Tumurtogoo, Uyanga Cladocera and Geochemical Variables from Core Sediments Show Different Conditions of Hungarian Lakes WATER 16 : 9 pp. 1-12. Paper: 1310 , 12 p. (2024) Q1
13. Koleszár, Gergő ; Lukács, Balázs András ; Coetzee, Julie ; Korponai, János ; Szabó, Sándor ✉ Warming induced shade tolerance to become a key trait in invasion success of free-floating plant *Pistia stratiotes* over the native *Hydrocharis morsus-ranae* AQUATIC BOTANY 194 Paper: 103786 , 10 p. (2024) Q1
14. Magyari, E.K. ✉ ; Szabó, Z. ; Falus, G. ; Móra, A. ; Szalai, Z. ; Hamerlik, L. ; Tóth, M. ; Farkas, Á. ; Pomogyi, P. ; Somogyi, B. ; Korponai, J. et al. Large shallow lake response to anthropogenic stressors and climate change: Missing macroinvertebrate recovery after oligotrophication (Lake Balaton, East-Central Europe) SCIENCE OF THE TOTAL ENVIRONMENT 946 Paper: 174191 , 18 p. (2024) Q1
15. Al-Imari, Tiba Jassam Kaisan ; Lengyel, Edina ; Korponai, János ; Padisák, Judit ; Stenger-Kovács, Csilla Lake morphology as an important constraint for benthic diatoms in temperate, humic forest ponds ECOLOGICAL INDICATORS 155 Paper: 110939 , 11 p. (2023) D1
16. Szabó, Z; Buczkó, K ; **Korponai, JL** ; Luoto, T ; Begy, RCs ; Haliuc, A ; Veres, D ; Hamerlik, L ; Csorba, R ; Zsigmond, AR et al. Two chironomid-inferred mean July air temperature reconstructions in the South Carpathian Mountains over the last 2000 years HOLOCENE 34 : 7 pp. 987-1004. , 18 p. (2024)
17. Al-Imari, Tiba Jassam Kaisan ; Lengyel, Edina ; **Korponai, János** ; Padisák, Judit ; Stenger-Kovács, Csilla Lake morphology as an important constraint for benthic diatoms in temperate, humic forest ponds ECOLOGICAL INDICATORS 155 Paper: 110939 , 11 p. (2023) D1
18. **Korponai, János**; Selmeczy, Géza Special Issue “The Response of the Plankton Community to Environmental Stress” WATER 14 : 3 pp. 1-2. Paper: 354 , 2 p. (2022) D1
19. Buczkó, K. ; Trábert, Zs. ; Stenger-Kovács, C ; Tapolczai, K ; Bíró, T. ; Duleba, M. ; Földi, A. ; **Korponai, J.** ; Vadkerti, E. ; Végvári, Zs. et al. Rapid expansion of an aquatic invasive species (AIS) in Central-European surface waters; a case study of *Achnanthes delmontii* ECOLOGICAL INDICATORS 135 Paper: 108547 , 11 p. (2022) D1
20. Magyari, Enikő Katalin; Gasparik, Mihály ; Major, István ; Lengyel, György ; Pál, Ilona ; Virág, Attila ; **Korponai, János** ; Haliuc, Aritina ; Szabó, Zoltán ; Pazonyi, Piroška Mammal extinction facilitated biome shift and human population change during the last glacial termination in East-Central Europe SCIENTIFIC REPORTS 12 : 1 Paper: 6796 , 14 p. (2022) D1
21. Pozsgai, Gábor; Lövei, Gábor L.; Vasseur, Liette; Gurr, Geoff; Batá Qlry, Péter; **Korponai, János** ; Littlewood, Nick A. ; Liu, Jian ; Móra, Arnold ; Obrycki, John et al. Irreproducibility in searches of scientific literature: A comparative analysis ECOLOGY AND EVOLUTION (2021) Q1

22. Ács, É ; Bíró, T* ; Berta, Cs ; Duleba, M ; Földi, A ; Grigorszky, I ; Hidas, A ; Knisz, J ; **Korponai, JL.** ; Trábert,Zs et al. Long-Term Changes of Species Composition and Functional Traits of Epiphytic Diatoms in the Szigetköz Region (Hungary) of the Danube River, *WATER* 12 : 3 pp. 1-24. Paper: 776 , 24 p. (2020), Q1
23. Haliuc, Aritina ; Buczkó, Krisztina* ; Hutchinson, Simon M. ; Ács, Éva ; Magyari, Enikő K. ; **Korponai, Janos** ; Begy, Robert-Csaba ; Vasilache, Daniela ; Zak, Michal ; Veres, Daniel Climate and land-use as the main drivers of recent environmental change in a mid-altitude mountain lake, Romanian Carpathians, *PLOS ONE* 15 : 10 Paper: e0239209 , 29 p. (2020), D1
24. **Korponai, János L.** ; Kövér, Csilla ; López-Blanco, Charo ; Gyulai, István ; Forró, László ; Katalinic, Ana ; Ketola, Mirva ; Nevalainen, Liisa ; Luoto, Tomi P. ; Sarmaja-Korjonen, Kaarina et al. Effect of Temperature on the Size of Sedimentary Remains of Littoral Chydorids *WATER* 12 : 5 Paper: 1309 , 21 p. (2020) Q1
25. Z Szabó, K Buczkó, A Haliuc, I Pál, JL **Korponai**, RC Begy, D Veres. 2020. Ecosystem shift of a mountain lake under climate and human pressure: A move out from the safe operating space. *Science of the Total Environment* 743, 140584
26. A Haliuc, K Buczkó, SM Hutchinson, É Ács, EK Magyari, J **Korponai**. 2020. Climate and land-use as the main drivers of recent environmental change in a mid-altitude mountain lake, Romanian Carpathians. *PloS one* 15 (10), e0239209
27. JL **Korponai**, C Kövér, C López-Blanco, I Gyulai, L Forró, A Katalinic. 2020. Effect of Temperature on the Size of Sedimentary Remains of Littoral Chydorids. *Water* 12 (5), 1309
28. É Ács, T Bíró, C Berta, M Duleba, A Földi, I Grigorszky, A Hidas, J Knisz. 2020. Long-term changes of species composition and functional traits of epiphytic diatoms in the Szigetköz region (Hungary) of the Danube river. *Water* 12 (3), 776
29. G Pozsgai, G Lovei, L Vasseur, G Gurr, P Batary, J **Korponai**. 2020. A comparative analysis reveals irreproducibility in searches of scientific literature. *bioRxiv*.
30. C Stenger-Kovács, E Lengyel, K Buczkó, J Padisák, J **Korponai**. 2020. Trait-based diatom functional diversity as an appropriate tool for understanding the effects of environmental changes in soda pans. *Ecology and evolution* 10 (1), 320-335
31. N Kováts, B Eck-Varanka, Z Békéssy, D Diósi, K Hubai, J **Korponai**. 2019. Assessment of the Ecotoxicity of Nanoplastics. *Hungarian Journal of Industry and Chemistry* 47 (2), 71-75
32. EK Magyari, I Pál, I Vincze, D Veres, G Jakab, M Braun, Z Szalai, Z Szabó. 2019. Warm Younger Dryas summers and early late glacial spread of temperate deciduous trees in the Pannonian Basin during the last glacial termination (20-9 kyr cal BP). *Quaternary Science Reviews* 225, 105980
33. C Berta, B Tóthmérész, M Wojewódka, O Augustyniuk, J **Korponai**. 2019. Community response of cladocera to trophic stress by biomanipulation in a shallow oxbow lake. *Water* 11 (5), 929
34. J **Korponai**, M Braun, L Forró, I Gyulai, C Kövér, J Nédli, I Urák, K Buczkó. 2019. Taxonomic, functional and phylogenetic diversity: how subfossil cladocerans mirror contemporary community for ecosystem functioning. *Limnetica* 38 (1), 431-456
35. K Buczkó, É Ács, K Báldi, V Pozderka, M Braun, KT Kiss, J **Korponai**. 2019. The first high resolution diatom record from Lake Balaton, Hungary in Central Europe. *Limnetica* 38 (1), 417-430
36. IG Hatvani, A Clement, J **Korponai**, Z Kern, J Kovács. 2017. Periodic signals of climatic variables and water quality in a river–eutrophic pond–wetland cascade ecosystem tracked by wavelet coherence analysis. *Ecological Indicators* 83, 21-31
37. HA Dugan, JC Summers, NK Skaff, FE Krivak-Tetley, JP Doubek. 2017. Long-term chloride concentrations in North American and European freshwater lakes. *Scientific data* 4 (1), 1-11
38. J **Korponai**, I Gyulai, M Braun, C Kövér, I Papp, L Forró. 2016. Reconstruction of flood events in an oxbow lake (Marótzugi-Holt-Tisza, NE Hungary) by using subfossil cladoceran remains and sediments. *Advances in Oceanography and Limnology* 7 (2) 6
39. J **Korponai**, Á Bányai, B Illés. 2015. The effect of the supply accuracy and the demand-changes on the inventories and on the costs. *Advanced Logistic Systems. Theory and Practice* 9 (1), 5-16
40. J Kovács, S Kovács, IG Hatvani, N Magyar, P Tanos, J **Korponai**. 2015. Spatial Optimization of Monitoring Networkson the Examples of a River, a Lake-Wetland System and a Sub-Surface Water System. *Water resources management* 29 (14), 5275-5294
41. C Kövér, J **Korponai**, S Harangi, K Buczkó. 2015. A new European record of *Diadismis fukushimae* and its transference to *Humidophila* genus (Bacillariophyta). *Acta Botanica Croatica* 74 (2), 245-252

42. IG Hatvani, J Kovács, L Márkus, A Clement, R Hoffmann, J **Korponai**. 2015. Assessing the relationship of background factors governing the water quality of an agricultural watershed with changes in catchment property (W-Hungary). *Journal of Hydrology* 521, 460-469
43. G Paulovits, Á Ferincz, Á Staszny, A Weiperth, I Tátrai, J **Korponai**. 2014. Long-term changes in the fish assemblage structure of a shallow eutrophic reservoir (Lake Hídvégi, Hungary), with special reference to the exotic *Carassius gibelio*. *International review of hydrobiology* 99 (5), 373-381
44. IG Hatvani, A Clement, J Kovács, IS Kovács, J **Korponai**. 2014. Assessing water-quality data: the relationship between the water quality amelioration of Lake Balaton and the construction of its mitigation wetland. *Journal of Great Lakes Research* 40 (1), 115-125
45. Méhes, N ; Kövér, Cs ; Harangi, S ; **Korponai**, J Subfossil chironomid assemblages in alpine lakes of the Parâng and the Făgăraș mountains (Romania, South Carpathians) *Acta biologica debrecina-supplementum oecologica hungarica* 32 pp. 95-105. , 11 p. (2014)
46. Z Balogh, I Gyulai, E Fehérné Baranyai, K Hubay, S Harangi, JT Kundrát. 2014. Holtmedrek toxikus elemtartalmának vizsgálata üledékminták alapján. *Hidrobiológiai Közlöny* 94 (5-6), 18-20
47. IG Hatvani, A Clement, J Kovács, J **Korponai**. 2014. Determining alternative stable states in the Keszthely Bay-Kis-Balaton system with the aid of stochastic modeling. *Croatian Geological Society*
48. I Hatvani, N Magya, P Tanos, J **Korponai**, I Székely, A Herzig, J Kovács. 2012. Determining anthropogenic effects using principal component analysis on a fluvial (E Hungary) and two lake ecosystems (W Hungary, E Austria). *Proceedings of the CMA4HC: Use of Multivariate Analysis and Chemometrics*
49. J Kovács, J **Korponai**, IS Kovacs, IG Hatvani. 2012. Introducing sampling frequency estimation using variograms in water research with the example of nutrient loads in the Kis-Balaton Water Protection System (W Hungary). *Ecological engineering* 42, 237-243
50. IG Hatvani, J Kovács, J **Korponai**. 2012. Mintavételezési gyakoriság optimalizálása variogram függvénnyel a Kis-Balaton Vízvédelmi Rendszer példáján. *Természetvédelmi Közlemények* 18, 202-210
51. IG Hatvani, J Kovács, J **Korponai**. 2012. Optimizing sampling frequency using variograms on the example of the Kis-Balaton Water Protection System. *Természetvédelmi Közlemények*, 202-210
52. J Kovács, P Tanos, J **Korponai**, IK Székely, K Gondár, K Gondár-Sőregi. 2012. Analysis of Water Quality Data for Scientists. *Water quality monitoring and assessment*, book edited by Kostas Voudouris and Dimitra Voutsas. Published: April 5, 65-90
53. IG Hatvani, NM Reskóné, I Kovácsné Székely, P Tanos, J **Korponai**. 2012. Determining the temporal sampling frequency of Kis-Balaton and the spatial sampling frequency of Lake Velence (W Hungary) using variograms. *Use of Multivariate Analysis and Chemometrics in Cultural Heritage*
54. C Kövér, J **Korponai**, A Katalinic, C Bereczki. 2012. Distribution of Cladocera communities across a climate gradient in shallow lakes from Croatia to Hungary: a preliminary study. *Studia quaternaria*, 29 pp. 45-52. , 8 p.
55. J **Korponai**, KA Varga, T Lengré, I Papp, A Tóth, M Braun. 2011. Paleolimnological reconstruction of the trophic state in Lake Balaton (Hungary) using Cladocera remains. *Hydrobiologia* 676 (1), 237-248
56. J **Korponai**, EK Magyarai, K Buczkó, S Iepure, T Namiotko, D Czakó. 2011. Cladocera response to Late Glacial to Early Holocene climate change in a South Carpathian mountain lake. *Hydrobiologia* 676 (1), 223-235
57. IG Hatvani, J Kovács, IS Kovács, P Jakusch, J **Korponai**. 2011. Analysis of long-term water quality changes in the Kis-Balaton Water Protection System with time series-, cluster analysis and Wilks' lambda distribution. *Ecological Engineering* 37 (4), 629-635
58. Tátrai, ÁI György, K Mátyás, J **Korponai**, P Pomogyi, Á Vári, V Józsa. 2011. Intrinsic processes causing periodic changes in stability in a shallow biomanipulated lake. *Marine and freshwater research* 62 (2), 197-204
59. J Kovács, IG Hatvani, I Kovácsné Székely, P Tanos, J **Korponai**. 2011. Key question of sampling frequency estimation during system calibration, on the example of the Kis-Balaton Water Protection System's data series. *Georgikon for Agriculture* 14 (1), 53-68
60. Kovacs, J ; Hatvani, IG ; **Korponai**, J ; Kovacs, IS Morlet wavelet and autocorrelation analysis of long-term data series of the Kis-Balaton water protection system (KBWPS) (vol 36, pg 1469, 2010) *ECOLOGICAL ENGINEERING* 37 : 9 pp. 1438-1440. , 3 p. (2011)
61. Nédli, Judit ; Tóth, Adrienn ; Csata, Enikő ; **Korponai**, János ; G.-Tóth, László Kitartóképletek a Balaton recens üledékében *HIDROLÓGIAI KÖZLÖNY* 91 : 6 p. 64 (2011)

62. Tátrai, István ; György, Ágnes I ; Mátyás, Kálmán ; **Korponai, János** ; Pomogyi, Piroska ; Vári, Ágnes ; Józsa, Vilmos ; Boros, Gergely Intrinsic processes causing periodic changes in stability in a shallow biomanipulated lake MARINE AND FRESHWATER RESEARCH 62 : 2 pp. 197-204. , 8 p. (2011)
63. Braun, Mihály ; Papp, István ; **Korponai, János** ; Lukács, Viktória ; Gyulai, István ; Forró, László ; Hubay, Katalin ; Szalóki, Imre A Tisza vízjárásának nyomai a Marótzugi-Holt-Tisza üledékében HIDROLÓGIAI KÖZLÖNY 90 : 6 pp. 20-22. , 3 p. (2010)
64. **Korponai, János** ; Braun, Mihály ; Gyulai, István ; Forró, László ; Nédli, Judit ; Papp, István Alkalmasak-e az üledékben lévő Cladocera maradványok a víztér Cladocera közösség diverzitás viszonyainak jellemzésére? HIDROLÓGIAI KÖZLÖNY 90 : 6 pp. 66-68. , 3 p. (2010)
65. **Korponai, János** ; Braun, Mihály ; Gyulai, István ; Forró, László ; Nédli, Judit ; Papp, István Természetes úton lefűződött holtág (timári Morotva-tó) paleolimnológiája üledékkémiai mutatók és Cladocera maradványok alapján HIDROLÓGIAI KÖZLÖNY 90 : 6 pp. 68-70. , 3 p. (2010)
66. **Korponai, János** ; Braun, Mihály ; Buczkó, Krisztina ; Gyulai, István ; Forró, László ; Nédli, Judit ; Papp, István Transition from shallow lake to a wetland: a multi-proxy case study in Zalavári Pond, Lake Balaton, Hungary HYDROBIOLOGIA 641 : 1 pp. 225-244. , 20 p. (2010)
67. Kovács, J ; Hatvani, IG ; **Korponai, J** ; Székely, Kovács I Morlet wavelet and autocorrelation analysis of long-term data series of the Kis-Balaton water protection system (KBWPS) ECOLOGICAL ENGINEERING 36 : 10 pp. 1469-1477. , 9 p. (2010)
68. Sáringer-Kenyeres, Dóra ; Lőke, Zsuzsanna ; **Korponai, János** ; Bencsik, Péter A keszthelyi szennyvíztelep hatása a Kis-Balaton és a Balaton vízrendszerére (2005-2007) HIDROLÓGIAI KÖZLÖNY 90 : 6 pp. 127-128. , 2 p. (2010)
69. Buczkó, K ; **Korponai, J** ; Padisák, J ; Starratt, S W Foreword: A virtual congress on palaeolimnology-palaeolimnological proxies as tools for environmental reconstruction in fresh water HYDROBIOLOGIA 631 : 1 pp. 1-2. , 2 p. (2009)
70. Buczkó, K ; Magyar, E ; Stenger-Kovács, Cs ; **Korponai, J** The Holocene diatom flora of Zalavári pond (Lake Balaton system, Hungary) ALGOLOGICAL STUDIES 132 : 1 pp. 35-73. , 39 p. (2009)
71. . Hatvani, I ; Kovács, J ; **Korponai, J** ; Kovácsné, Székely I A Kis-Balaton Vízvédelmi Rendszer (KBVR) hosszú távú fizikai, kémiai és biológiai paramétereinek elemzése HIDROLÓGIAI KÖZLÖNY 89 : 6 pp. 15-18. , 4 p. (2009)
72. Tátrai, I ; Boros, G ; György, ÁI ; Mátyás, K ; **Korponai, J** ; Pomogyi, P ; Havasi, M ; Kucserka, T Abrupt shift from clear to turbid state in a shallow eutrophic, biomanipulated lake HYDROBIOLOGIA 620 pp. 149-161. , 13 p. (2009)
73. Tátrai, I ; Mátyás, K ; **Korponai, J** ; Pomogyi, P ; György, Á I ; Havasi, M ; Kucserka, T Changes in water clarity during fish manipulation and post – manipulation periods in a shallow eutrophic lake FUNDAMENTAL AND APPLIED LIMNOLOGY 174 : 2 pp. 135-145. , 11 p. (2009)
74. Havasi, M ; Tátrai, I ; Kucserka, T ; **Korponai, J** A Bosmina longirostris méret- és termékenységváltozása a Major-tóban HIDROLÓGIAI KÖZLÖNY 88 : 6 pp. 76-78. , 3 p. (2008)
75. **Korponai, János** ; Gyulai, István ; Braun, Mihály ; Forró, László ; Nédli, Judit ; Papp, István Cladocera maradványok a Balaton és a Zalavári-víz üledékében HIDROLÓGIAI KÖZLÖNY 88 : 6 pp. 98-101. , 4 p. (2008)
76. Havasi, M ; Tátrai, I ; **Korponai, J** ; Kucserka, T A domináns Cladocera plankton méret- és termékenységváltozása a Kis-Balaton Tározó I. ütemén HIDROLÓGIAI KÖZLÖNY 87 : 6 pp. 64-66. , 3 p. (2007)
77. Tátrai, I ; Matyas, K ; **Korponai, J** ; Szabo, G ; Pomogyi, P ; Heri, J Response of nutrients, plankton communities and macrophytes to fish manipulation in a small eutrophic wetland lake INTERNATIONAL REVIEW OF HYDROBIOLOGY 90 : 5-6 pp. 511-522. , 12 p. (2005)
78. Gyulai, István ; **Korponai, János** ; Lakatos, Gyula A Hídvégi-tó üledékének Cladocera maradványainak vizsgálata HIDROLÓGIAI KÖZLÖNY 84 : 5-6 pp. 48-49. , 2 p. (2004)
79. **Korponai, János** ; Tátrai, István ; Mátyás, K ; Paulovits, Gábor Zooplankton változások egy biomanipulációs kísérletben HIDROLÓGIAI KÖZLÖNY 84 pp. 59-61. , 3 p. (2004)
80. Matyas, K ; **Korponai, János** ; Tátrai, István ; Paulovits, Gábor Long term effect of cyprinid fishes on phytoplankton and Zooplankton communities in a shallow water protection reservoir INTERNATIONAL REVIEW OF HYDROBIOLOGY 89 : 1 pp. 68-78. , 11 p. (2004)

81. Kálmán, Mátyás ; Oldal, I ; **Korponai**, János ; Tátrai, István ; Paulovits, Gábor Indirect effect of different fish communities on nutrient chlorophyll relationship in shallow hypertrophic water quality reservoirs HYDROBIOLOGIA 504 pp. 231-239. , 9 p. (2003)
82. **Korponai**, János ; Paulovits, Gábor ; Matyas, K ; Tátrai, István Long-term changes of cladoceran community in a shallow hypertrophic reservoir in Hungary HYDROBIOLOGIA 504 : 1-3 pp. 193-201. , 9 p. (2003)
83. Tátrai, István ; Matyas, K ; **Korponai**, János ; Paulovits, Gábor ; Pomogyi, P ; Pekár, Ferenc Management of fish communities and its impacts on the lower trophic levels in shallow ecosystems in Hungary HYDROBIOLOGIA 506 : 1-3 pp. 489-496. , 8 p. (2003)
84. Tátrai, István ; Mátyás, Kálmán ; **Korponai**, János ; Paulovits, Gábor ; Pomogyi, P ; Heri, J Regulation of plankton by omnivore cyprinids in a shallow lake in the Kis-Balaton Reservoir System HYDROBIOLOGIA 504 : 1-3 pp. 241-250. , 10 p. (2003)
85. Tátrai, István ; Paulovits, Gábor ; Matyas, K ; **Korponai**, János The role of fish communities in water quality management of a large shallow lake INTERNATIONAL REVIEW OF HYDROBIOLOGY 88 : 5 pp. 498-507. , 10 p. (2003)
86. Tátrai, István ; Paulovits, Gábor ; Mátyás, Kálmán ; **Korponai**, János The role of fish communities in water quality management of a large shallow lake International Review of Hydrobiology: A Journal Covering all Aspects of Limnology and Marine Biology 88 pp. 498-507. , 10 p
87. **Korponai**, János ; Paulovits, Gábor ; Mátyás, K ; Tátrai, István Fogyasztó- és forrás oldali hatás a Hídvégi-tó zooplankton állományára HIDROLÓGIAI KÖZLÖNY 82 : 1-12. Klsz. pp. 59-60. , 2 p. (2002)
88. Tátrai, István ; Matyas, K ; **Korponai**, János ; Paulovits, Gábor ; Pomogyi, P The role of the Kis-Balaton Water Protection System in the control of water quality of Lake Balaton ECOLOGICAL ENGINEERING 16 : 1 pp. 73-78. , 6 p. (2000)
89. Tátrai, István ; Matyas, K ; **Korponai**, János ; Paulovits, Gábor ; Pomogyi, P ; Presing, Mátyás Stable isotope analysis of food webs in wetland areas of Lake Balaton, Hungary ARCHIV FÜR HYDROBIOLOGIE 146 : 1 pp. 117-128. , 12 p. (1999)
90. **Korponai**, János ; Mátyás, Kálmán ; Tátrai, István ; Paulovits, Gábor Distribution of zooplankton in vegetation microhabitat of Kis-Balaton Reservoir, Hungary INTERNATIONAL REVIEW OF HYDROBIOLOGY 83 : Spec. iss pp. 167-170. , 4 p. (1998)
91. **Korponai**, János ; Mátyás, K ; Paulovits, Gábor ; Tátrai, István ; Kováts, Nóra Hal közösségek top-down hatása a planktonikus cladocérákra a Hídvégi-tóban HIDROLÓGIAI KÖZLÖNY 78 : 5-6 pp. 285-287. , 3 p. (1998)
92. Matyas, K ; Tátrai, István ; Paulovits, Gábor ; **Korponai**, János Effect of different fish stock level on the phytoplankton biomass and size composition - Pond experiment INTERNATIONAL REVIEW OF HYDROBIOLOGY 83 : Spec. iss. pp. 451-454. , 4 p. (1998)
93. Paulovits, G ; Tátrai, I ; Matyas, K ; **Korponai**, J ; Kovats, N Role of prussian carp (Carassius auratus gibelio Bloch) in the nutrient cycle of the Kis-Balaton Reservoir INTERNATIONAL REVIEW OF HYDROBIOLOGY 83 : Spec. iss. pp. 467-470. , 4 p. (1998)
94. Tátrai, István ; Paulovits, Gábor ; Mátyás, Kálmán ; **Korponai**, János ; Pomogyi, P Long-term food web interactions in Kis-Balaton Reservoir INTERNATIONAL REVIEW OF HYDROBIOLOGY 83 : Spec.iss. pp. 515-522. , 8 p. (1998)
95. **Korponai**, János ; Mátyás, Kálmán ; Paulovits, Gábor ; Tátrai, István ; Kováts, Nóra The effect of different fish communities on the cladoceran plankton assemblages of the Kis-Balaton reservoir, Hungary HYDROBIOLOGIA 360 pp. 211-221. , 11 p. (1997)

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale).

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. Buczkó, Krisztina ; **Korponai**, János ; Szabó, Zoltán ; Stenger-Kovács, Csilla ; Höhn, Mária ; Ács, Éva ; Magyar, Enikő A klíma és az emberi tevékenység lenyomata tavaink kovaalga-közösségein a Kárpátokban In: Tinya, Flóra (szerk.) 12. Magyar Ökológus Kongresszus - Előadások és poszterek összefoglalói (2021) p. 3
2. Enikő, Magyar ; János, **Korponai** ; Mónika, Tóth ; Mihály, Braun ; Katalin, Hubay ; Zoltán, Szabó ; Gabriella, Darabos ; Ivett, Pálfi ; Miklós, Bálint ; Zsuzsanna, Pató et al. Late Glacial and Holocene multi-proxy paleoecology in the Southern Carpathian Mountains: quantitative reconstructions and promising new molecular research directions In: EGU General Assembly 2021 Göttingen, EGU General Assembly (2021) Paper: EGU21-16242
3. Zoltán, Szabó ; Gabriella, Darabos ; János, **Korponai** et al. Geochemical survey of Lake Balaton sediments: holocene paleoenvironment and paleoclimate In: EGU General Assembly 2021 Göttingen: EGU General Assembly (2021) Paper: EGU21-15654
4. Szabó, Zoltán ; Oliver, Heiri ; Darabos, Gabriella ; Pálfi, Ivett ; Molnár, Mihály ; **Korponai**, L. János ; Magyar, Enikő Katalin Árvaszűnyog alapú késő glaciális nyári hőmérséklet rekonstrukció a Páreng hegységcsoportban In: Bosnakoff, Mariann; Főzy, István; Szives, Ottilia (szerk.) 24. Magyar Őslénytani Vándorgyűlés, Budapest, Magyarhoni Földtani Társulat (2021) p. 30
5. Darabos, Gabriella ; Pálfi, Ivett ; Reitmeyer, Bence ; Szabó, Zoltán ; **Korponai**, János ; Daniel, Veres ; Fabien, Arnaud; Lisztes-Szabó, Zsuzsanna ; Magyar, Enikő A Páreng hegységcsoport késő glaciális (15 500–11 300 évek között) öskörnyezeti változásainak multi-proxy vizsgálata In: Bosnakoff, Mariann; Szives, Ottilia; Főzy, István (szerk.) 23. Magyar Őslénytani Vándorgyűlés, Budapest, Magyarhoni Földtani Társulat (2020) p. 11
6. Szabó, Zoltán ; Tomi, P. Luoto ; **Korponai**, L. János ; Begy, Róbert Csaba ; Darabos, Gabriella ; Pálfi, Ivett ; Magyar, Enikő A Páreng hegységcsoport utolsó 1000 évének hidrológiai és hőmérséklet rekonstrukciója a Latorica-tó üledékének alapján In: Bosnakoff, Mariann; Szives, Ottilia; Főzy, István (szerk.) 23. Magyar Őslénytani Vándorgyűlés, Budapest, Magyarhoni Földtani Társulat (2020) pp. 26-27. , 2 p.
7. **Korponai**, János ; Braun, Mihály ; Hubay, Katalin ; Gyulai, István ; Forró, László ; Papp, István ; Knisz, Judit ; Vadkerti, Edit A bevonatalkotó kovaalgák funkcionális jellemvonásainak hosszú-távú változása a Szigetközben In: Magyar Hidrológiai Társaság XXXVII. Országos Vándorgyűlés (2019) pp. 15-20. , 6 p.
8. Buczkó, K ; **Korponai**, J ; Magyar, E ; Báldi, K ; Höhn, M CRYPTIC: CRYPTogams' Traits In the Carpathians: A Kárpáti-régió kriptogám növények tulajdonságai In: Szigyártó, IL; Szikszai, A (szerk.) XIII. Kárpát-medencei Környezettudományi Konferencia Kolozsvár, Románia : Ábel Kiadó (2017) 384 p. pp. 309-310. , 2 p.
9. Felföldi, T ; Szabó, A ; Nagy, H ; **Korponai**, J ; Braun, M ; Márialigeti, K ; Máthé, I Microbial ecology and paleolimnology: Bacterial community profiles of sediment layers in a crater lake In: 16th International Symposium on Microbial Ecology (ISME-16)
10. Buczkó, K ; Gabelics, T ; Stenger-Kovács, Cs ; **Korponai**, J Diatom-based paleoenvironmental reconstruction of lowland lakes in the carpathian basin In: Ljubešić, Zrinka; Godrijan, Jelena; Marić, Pfannkuchen Daniela (szerk.) Abstract book of the 8th Central European Diatom Meeting Zagreb, Horvátország : Croatian Botanical Society (2014) 72 p. pp. 16-16. , 1 p.
11. Feri, D R ; Vitai, G ; Berta, Cs ; Lakatos, Cs ; Balogh, Zs ; Szabó, V K ; Kiss, M ; Berzi-Nagy, L ; Szabó, L J ; **Korponai**, J et al. Flood effects of river Tisza on the Cladocera taxons of a small lake in spring 2013 In: Bárány, Sándor; Buczkó, István; Hadnagy, István; Kohut, Erzsébet; Kolozsvári, István; Ljubka, Tibor; Zselicki, István (szerk.) The 5th International Conference on Carpathian Euroregion Ecology : CERECO 2014 Beregszász, Ukrajna : Lira (2014) pp. 26-26.
12. Hatvani, IG ; Magyar, N ; Tanos, P ; **Korponai**, J ; Székely, IK ; Herzig, A ; Kovács, J Determining anthropogenic effects using principal component analysis on a fluvial (E Hungary) and two lake ecosystems (W Hungary, E Austria) In: Giovanni, Visco (szerk.) CMA4CH 2012 Mediterranean Meeting : Use of Multivariate Analysis and Chemometrics in Cultural Heritage and Environment Roma, Elsevier (2012) pp. 30-31. , 2 p.
13. Hatvani, IG ; Kovács, J ; **Korponai**, J ; Kovácsné, Székely I ; Jakusch, P Periodicity, memory and cluster analysis on the dataseries of a mitigation wetland (Kis-Balaton Water Protection system, W - 2021. okt. 15. 16:17 2010 Hungary) In: Pawlowsky-Glahn, V; International, Association for Mathematical Geosciences. Annual conference (14.) (2010) (Budapest) (szerk.) IAMG 2010 Budapest : 14th Annual Conference of the International Association for Mathematical Geosciences Budapest, Magyarország : Weco Travel Ltd. (2010) p. 372

14. Tátrai, I ; Boros, G ; György, Á ; Mátyás, K ; **Korponai, J** ; Pomogyi, P ; Józsa, V ; Vári, Á Alternatív stabil állapotok egy hallal manipulált eutróf, sekély tóban In: [Halászati, és Öntözési Kutatóintézet] (szerk.) XXXIV. Halászati Tudományos Tanácskozás Halászati Kutatóintézet (HAKI) (2010) pp. 39-39. , 1 p.
15. Hatvani, IG ; Kovács, J ; **Korponai, J** ; Kovácsné, Székely I The examination of time series of the Kis-Balaton Water Protection System (KBWPS) applying state of the art statistical methods In: XIII. Congress of Hungarian Geomathematics and the II. Congress of Croatian and Hungarian Geomathematics (2009) pp. 52-54. , 3 p
16. György, ÁI ; Tátrai, I ; Boros, G ; **Korponai, J** ; Havasi, M ; Kucserka, T Changes in fish community structure in an altering shallow lake In: 6th Shallow Lakes Conference: Structure and function of world shallow lakes (2008) p. ea

E. Editare, coordonare de volume

Data,
22.01.2026.

Korponai Janos

