

List of the most important scientific achievements for 2021

Environmental studies and Ecology

Urik, Martin - Farkas, Bence - Miglierini, Marcel - Bujdoš, Marek - Mitróová, Zuzana - Hyunjung, Kim - Matúš, Peter

Mobilisation of hazardous elements from arsenic-rich mine drainage ochres by three *Aspergillus* species

In: *Journal of Hazardous Materials*. - Vol. 2021, No. 409 (2021), Art. No. 124938

IF - JCR: 2020 - 10.588

Hiller, Edgar - Jurkovič, Lubomír - Faragó, Tomáš - Vítková, Martina - Tóth, Roman - Komárek, Michael
Contaminated soils of different natural pH and industrial origin: The role of (nano) iron- and manganese-based amendments in As, Sb, Pb, and Zn leachability

In: *Environmental Pollution*. - Vol. 2021, No. 285 (2021), Art. No. 17268

IF - JCR: 2020 - 8,071

Onyishi, Ike E. - Nwonyi, Sampson K. - Pazda, Adam - Prokop, Pavol

Attitudes and behaviour toward snakes on the part of Igbo people in southeastern Nigeria

In: *Science of the Total Environment*. - Vol. 2021, No. 753 (2021), Art. No. 43045

IF - JCR: 2020 - 7,963

Zoznam najvýznamnejších publikácií za rok 2014

100 Environmentalistika a ekológia

UKOPREEF - katedra environmentálnej ekológie (pôvodne katedra ekosoziológie a fyziotaktiky)

UKOPREKE - katedra krajinskej ekológie

UKOPRBK - katedra ekológie

ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC12 Vilizzi, Lorenzo (50%) - Kováč, Vladimír [UKOPRBK] (50%): Alternative ontogenies and developmental plasticity: implications for ecological and evolutionary studies on species complexes
Lit.: 58 záz., 1 tab.

In: Fish and Fisheries. - Vol. 15, No. 3 (2014), s. 523-531

Indikátor časopisu:

IF (JCR) 2014= [2013-8,755]

ADC11 Peng, Xiaoli (15%) - Xu, Fang (15%) - Zhang, Wenzhong (15%) - Wang, Jingying (15%) - Zeng, Ceng (15%) - Niu, Mingjie (10%) - Chmielewska, Eva [UKOPREEF] (15%): Magnetic Fe₃O₄ @ silica-xanthan gum composites for aqueous removal and recovery of Pb²⁺
Lit.: 37 záz., 8 obr., 5 tab.

In: Colloids and Surfaces A - Physicochemical and Engineering Aspects. - Vol. 443, February (2014), s. 27-36

Indikátor časopisu:

IF (JCR) 2014= [2013-2,354]

ADC21 Jandourek, Ondrej (20%) - Doležal, Martin (10%) - Kunes, Jiří (10%) - Kubíček, Vladimír (10%) - Paterová, Pavla (10%) - Peško, Matúš [UKOPREEF] (10%) - Buchta, Vladimír (10%) - Kráľová, Katarína [UKOPRCUS] (10%) - Zitko, Jan (10%): New potentially active pyrazinamide derivatives synthesized under microwave conditions
Lit.: 46 záz., 3 obr., 4 tab.

In: Molecules. - Vol. 19, No. 7 (2014), s. 9318-9338

Indikátor časopisu:

IF (JCR) 2014= [2013-2,095]

ADC08 Jandourek, Ondrej (20%) - Doležal, Martin (10%) - Paterová, Pavla (10%) - Kubíček, Vladimír (10%) - Peško, Matúš [UKOPREEF] (10%) - Kunes, Jiří (10%) - Coffey, Aidan (10%) - Guo, Jiahui (10%) - Kráľová, Katarína [UKOPRCUS] (10%): N-Substituted 5-Amino-6-methylpyrazine-2,3-dicarbonitriles: Microwave-Assisted synthesis and biological properties
Lit.: 45 záz., 5 obr., 1 tab.

In: Molecules. - Vol. 19, No. 1 (2014), s. 651-671

Indikátor časopisu:

IF (JCR) 2014= 2013=2,095

ADC13 Gonec, Tomáš (15%) - Kos, Jiří (5%) - Nevin, Eoghan (5%) - Govender, Rodney (5%) - Peško, Matúš [UKOPREEF] (10%) - Tengler, Jan (5%) - Kushkevych, Ivan (5%) - Šťastná, Vendula (5%) - Oravec, Michal (10%) - Kollár, Peter (5%) - O Mahony, Jim (5%) - Kráľová, Katarína [UKOPRCUS] (10%) - Coffey, Aidan (5%) - Jampílek, Josef (10%): Preparation and Biological Properties of Ring-Substituted Naphthalene-1-Carboxanilides

Lit.: 46 zázň., 3 obr., 4 tab.
In: Molecules. - Vol. 19, No. 7 (2014), s. 9318-9338
Indikátor časopisu:
IF (JCR) 2014= [2013-2,095]

ADC09 Klembara, Jozef [UKOPRBEK] (50%) - Clack, Jennifer A. (10%) - Milner, Andrew R. (20%) - Ruta, Marcello (20%) : Cranial anatomy, ontogeny, and relationships of the Late Carboniferous tetrapod *Gephyrostegus bohemicus* Jaekel, 1902
Lit.: 75 zázň., 8 obr.
In: Journal of Vertebrate Paleontology. - Vol. 34, No. 4 (2014), s. 774-792
Indikátor časopisu:
IF (JCR) 2014= [2013-2,079]

ADC Prokop, Pavol (34%) - Fančovičová, J. (33%) - Fedor, Peter (33%) [UKOPREEF] : Parasites enhance self-grooming behaviour and information retention in humans.
Lit.: 45 zázň., 2 obr.
In: Behavioural Processes. - Vol. 107, September (2014), s. 42-46
Indikátor časopisu:
IF (JCR) 2014= [5YIF-1,760]

ADC03 Boriová, Katarína [UKOPRGUS] (55%) - Čerňanský, Slavomír [UKOPREEF] (25%) - Matúš, Peter [UKOPRGUS] (5%) - Bujdoš, Marek [UKOPRGUS] (10%) - Šimonovičová, Alexandra [UKOPREPE] (5%) : Bioaccumulation and biovolatilization of various elements using filamentous fungus *Scopulariopsis brevicaulis*
Lit.: 45 zázň., 2 obr., 1 tab.
In: Letters in Applied Microbiology. - Vol. 59, No. 2 (2014), s. 217-223
Indikátor časopisu:
IF (JCR) 2014= [2013-1,749]

ADC02 Beracko, Pavel [UKOPRBEK] (90%) - Rogáňska, Alexandra (10%) : Intra- and interspecific variations in life strategies of *Erpobdella octoculata* and *Erpobdella vilnensis* in different habitats along the longitudinal gradient of stream
Lit.: 48 zázň., 6 obr., 9 tab.
In: Limnologica. - Vol. 48 (2014), s. 28-38
Indikátor časopisu:
IF (JCR) 2014= [2013-1,655]