

Publikacje powyżej 100 pkt. MNISW opublikowane w 2020 r.

Lp.	Tytuł	Autorzy	Data publikacji	Czasopismo	IF	Punkty MNISW	Punkty artykułu	DOI
1	A Culture-Based ID of Micromycetes on the Wing Membranes of Greater Mouse-Eared Bats (<i>Myotis myotis</i>) from the "Nietoperek" Site (Poland)	Ogórek , Kurczaba , Cal , Apoznański , Kokurewicz T.K.	2020	Animals	2,323	100	100	10.3390/ani10081337
2	A metabolite roadmap of the wood-forming tissue in <i>Populus tremula</i>	Abreu I.N.A., Johansson A.I.J., Sokółowska K.S., Niittylä , Sundberg B.S., Hvidsten T.R.H., Street N.R.S., Moritz T.M.	2020	New Phytologist	8,512	140	140	10.1111/nph.16799
3	A mummified human corpse and associated insects of forensic importance in indoor conditions	Kadej M.K., Szleszkowski , Thannhäuser , Jurek	2020	International Journal of Legal Medicine	2,222	100	100	10.1007/s00414-020-02373-2
4	A systematic revision of herrings (Teleostei, Clupeidae, Clupeinae) from the Oligocene and early Miocene from the Eastern Paratethys and the Carpathian Basin	Kovalchuk , Baykina E.B., Świdnicka E.Ś., Stefaniak K.S., Nadachowski A.N.	2020	Journal of Vertebrate Paleontology	1,863	100	100	10.1080/02724634.2020.1778710
5	Adaptations for matrotrophy in the female reproductive system in the pseudoscorpion <i>Chelifer cancrivorus</i> (Chelicerata: Pseudoscorpiones, Cheliferidae)	Jędrzejowska I.J., Garbicz	2020	Journal of Morphology	1,563	100	100	10.1002/jmor.21238
6	Advantages and limitations of microtiter biofilm assays in the model of antibiofilm activity of <i>Klebsiella</i> phage KP34 and its depolymerase	Łątka , Drulis-Kawa Z.D.K	2020	Scientific Reports	3,998	140	140	10.1038/s41598-020-77198-5
7	Alterations of aorta intima and media transcriptome in swine fed high-fat diet over 1-year follow-up period and of the switch to normal diet	Milenkovic D.M., Paslawski R.P., Gomułkiewicz , Gladine C.G., Janczak D.J., Grzegorek I.G., Jablonska K.J., Drozd K.D., Chmielewska M.Ch., Piotrowska M.P., Janiszewski A.J., Dziegiel P.Dz., Mazur A.M., Paslawska U.P., Szuba A.Sz.	2020	Nutrition, Metabolism and Cardiovascular Diseases	3,7	100	100	10.1016/j.numecd.2020.04.007
8	Analysis of oral microbiome from fossil human remains revealed the significant differences in virulence factors of modern and ancient <i>Tannerella forsythia</i>	Philips A.P., Stolarek I.S., Handschuh L.H., Nowis K.N., Juras A.J., Trzciniński D.T., Nowaczewska W.N., Wrzesińska A.W., Potempa J.P., Figlerowicz M.F.	2020	BMC Genomics	3,594	140	140	10.1186/s12864-020-06810-9
9	Anemarrhenae asphodeloides rhizoma Extract Enriched in Mangiferin Protects PC12 Cells against a Neurotoxic Agent-3-Nitropropionic Acid	Piwowar A.P., Rembiałkowska , Rorbach-Dolata A.R.D., Garbicz , Ślusarczyk S.Ś., Dobosz A.D., Długosz A.D., Marchewka Z.M., Matkowski , Saczko J.S.	2020	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	4,556	140	140	10.3390/ijms21072510
10	Antimicrobial Resistance and Biofilm Formation Capacity of <i>Salmonella enterica</i> Serovar Enteritidis Strains Isolated from Poultry and Humans in Poland	Ćwiek , Korzekwa K.K., Tabiś , Bania , Bugla-Płoskońska G.B.P., Wieliczko	2020	Pathogens	3,018	100	100	10.3390/pathogens9080643
11	Antitumor Activity of Pt(II), Ru(III) and Cu(II) Complexes	Gańczyńska , Drulis-Kawa Z.D.K, Arabski M.A.	2020	MOLECULES	3,267	100	100	10.3390/molecules25153492
12	Arabidopsis XTH4 and XTH9 Contribute to Wood Cell Expansion and Secondary Wall Formation	Kushwah S.K., Banasiak A.B., Nishikubo N.N., Derba-Maceluch , Majda , Endo , Kumar V.K., Gomez L.G., Gorzdas A.G., McQueen-Mason , Braam J.B., Sundberg B.S., Mellerowicz E.J.M.	2020	PLANT PHYSIOLOGY	6,902	140	140	10.1104/pp.19.01529
13	Associations between childhood and adolescence exposure to air pollution and adult height in polish women	Kliś K.K., Wronka I.W.	2020	ENVIRONMENTAL RESEARCH	0	100	100	10.1016/j.envres.2020.109965
14	Biological adhesion in seagrasses: The role of substrate roughness in <i>Posidonia oceanica</i> (L.) Delile seedling anchorage via adhesive root hairs	Zenone , Alagna , D'Anna G.D, Kovalev , Kreitschitz A.K., Badalamenti F.B., Gorb S.N.G.	2020	Marine Environmental Research	0	100	100	10.1016/j.marenvres.2020.105012
15	Birth size and morphological femininity in adult women	Żelaźniewicz , Nowak-Kornicka , Pawłowski B.P.	2020	BMC Evolutionary Biology	3,058	100	100	10.1186/s12862-020-01670-z
16	Breaking down insect stoichiometry into chitin-based and internal elemental traits: Patterns and correlates of continent-wide intraspecific variation in the largest European saproxylic beetle	Orłowski G.O., Mróz L.M., Kadej M.K., Smolis A.S., Tarnawski D.T., Karg J.K., Campanaro , Bardiani M.B., Harvey , Méndez M.M., Thomaes A.T., Vrezec A.V., Ziomek K.Z., Rudecki A.L.R., Mader	2020	Environmental Pollution	6,792	100	100	10.1016/j.envpol.2020.114064

17	Cell-to-cell lactate shuttle operates in heart and is important in age-related heart failure	Gizak A.G., McCubrey J.A.McC, Rakus D.R.	2020	AGING	4,831	140	140	10.18632/aging.102818
18	Characterization of Hspb8 in Zebrafish	Dubińska-Magiera , Niedbalska-Tarnowska J.N.T., Migocka-Patrzałek , Posylniak , Daczevska M.D.	2020	Cells	4,366	140	140	10.3390/cells9061562
19	Classification of the European marsh vegetation (Phragmito-Magnocaricetea) to the association level	Landucci , Šumberová , Tichý L.T., Hennekens S.H., Aunina L.A., Biřá-Nicolae C.B.N., Borsukevych L.B., Bobrov A.B., Čarni , De Bie E.D.B., Golub V.G., Hrivnák R.H., Iemelianova S.I., Jandt U.J., Jansen F.J., Kački Z.K., Lájer K.L., Papastergiadou E.P., Šilc U.Š., Sinkevičienė Z.S., Stančić Z.S., Stepanovič J.S., Teterjuk , Tzonev R.T., Venanzoni R.V., Zelnik I.Z., Chytrý M.Ch.	2020	APPLIED VEGETATION SCIENCE	2,574	100	100	10.1111/avsc.12484
20	Connectivity assessment and prioritization of urban grasslands as a helpful tool for effective management of urban ecosystem services	Mollashahi H.M., Szymura M.Sz., Szymura T.H.Sz.	2020	PLoS One	2,74	100	100	10.1371/journal.pone.0244452
21	Consequences Of Long-Term Bacteria's Exposure To Silver Nanoformulations With Different PhysicoChemical Properties	Kędziora , Wernecki , Korzekwa K.K., Speruda , Gerasymchuk , Lukowiak , Bugla-Płoskońska G.B.P.	2020	International Journal of Nanomedicine	5,115	140	140	10.2147/ijn.s208838
22	Deadly trap or sweet home? The case of discarded containers as novelty microhabitats for ants	Kolenda K.K., Salata , Kujawa K.K, Kuśmierk , Smolis A.S., Kadej M.K.	2020	Global Ecology and Conservation	2,526	100	100	10.1016/j.gecco.2020.e01064
23	Do adipokines levels influence facial attractiveness of young women?	Żelaźniewicz , Nowak-Kornicka , Studzińska I.S., Pawłowski B.P.	2020	AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY	2,414	140	140	10.1002/ajpa.24114
24	Ecological niche partitioning in a fragmented landscape between two highly specialized avian flush-pursuit foragers in the Andean zone of sympatry	Jablonski P.G.J, Borowiec M.B., Nowakowski , Stawarczyk T.S.	2020	Scientific Reports	3,998	140	140	10.1038/s41598-020-788042
25	Editorial: Bacterial Surface Glycans as the Virulence Agent and the Target for Predators, Therapy, and the Immune System	Drulis-Kawa Z.D.K	2020	Frontiers in Microbiology	4,235	100	0	10.3389/fmicb.2020.624964
26	Effect of environmental gradients, habitat continuity and spatial structure on vascular plant species richness in semi-natural grasslands	Raduła M.W.R., Szymura T.H.Sz., Szymura M.Sz., Swacha , Kački Z.K.	2020	AGRICULTURE ECOSYSTEMS & ENVIRONMENT	4,241	200	200	10.1016/j.agee.2020.106974
27	Erratum for the Report "Forest microclimate dynamics drive plant responses to warming"	Zellweger F.Z., De Frenne P.D.F., Lenoir J.L., Vangansbeke P.V., Verheyen , Bernhardt-Römermann M. B.R., Baeten L.B., Hédl , Berki I.B., Brunet J.B., Calster H.V.C., Chudomelová M.Ch., Decocq G.D., Dirnböck T.D., Durak T.D., Heinken T.H., Jaroszewicz , Kopecký M.K., Máliš F.M., Macek M.M., Malicki , Naaf T.N., Nagel T.A.N., Ortmann-Ajkai A.O.A., Petřík P.P., Pielech R.P., Reczyńska K.R., Schmidt W.S., Standovář T.S., Świerkosz K.Ś., Teleki B.T., Vild O.V., Wulf M.W., Coomes D.C.	2020	Science	41,845	200	0	10.1126/science.abd3881

28	EUNIS Habitat Classification: Expert system, characteristic species combinations and distribution maps of European habitats	Chytrý M.Ch., Tichý L.T., Hennekens S.M.H., Knollová I.K., Janssen J.A.M.J., Rodwell J.S.R., Peterka T.P., Marceno Landucci, Danihelka J.D., Hájek M.H., Dengler, Novák P.N., Zukal D.Z., Jiménez-Alfaro B.J-A., Mucina, Abdulhak S.A., Ačić A.S., Agrillo E.A., Attorre F.A., Bergmeier E.B., Biurrun I.B., Boch S.B., Bölloni J.B., Bonari G.B., Braslavskaya T.B., Bruelheide H.B., Campos J.A.C., Čarni, Casella L.C., Čuk M.Č., Čušterevska R.Č., De Bie E.D.B., Delbosc P.D., Demina O.D., Didukh Y.D., Dítě D.D., Dziuba T.D., Ewald J.E., Gavilán R.G.G., Gégout J.C.G., Giusso del Galdo G.P.G.G., Golub V.G., Goncharova N.G., Goral F.G., Graf U.G., Indreica A.I., Isermann M.I., Jandt U.J., Jansen F.J., Jansen J.J., Jašková A.J., Jiroušek M.J., Kačák Z.K., Kalníková V.K., Kavgaci A.K., Khanina L.K., Korolyuk A.Y.K., Kozhevnikova M.K., Kuzenko A.K., Kůzmič F.K., Kuznetsov O.L.K., Laivinš M.L., Lavrinenko I.L., Lavrinenko O.L., Lebedeva M.L., Lososová Z.L., Lysenko T.L., Maciejewski L.M., Mardari C.M., Marinšek A.M., Napreenko M.G.N., Onyshchenko V.O., Pérez-Haase A.P.H., Pielech R.P., Prokhorov V.P., Rašomavičius V.R., Rodríguez-Rojo M.P.R.R., Rusina S.R., Schrautzer J.S., Šibík J.Š., Šilc U.Š., Škvorc Ž.Š., Smagin V.A.S., Stančić Z.S., Stanisci A.S., Tikhonova E.T., Tonteri T.T., Uogintas D.U., Valachovič M.V., Vassilev K.V., Vynokurov D.V., Willner W.W., Yamalov S.Y., Evans D.E., Palitzsch Lund M.P.L., Spyropoulou R.S., Tryfon E.T., Schaminée J.H.J.S.	2020	APPLIED VEGETATION SCIENCE	2,574	100	100	10.1111/avsc.12519
29	Everybody wants to move—Evolutionary implications of trunk muscle differentiation in vertebrate species	Lewandowski, Dubińska-Magiera, Migocka-Patrzałek, Niedbalska-Tarnowska, Haczekiewicz-Leśniak K.H.L., Dzięgiel, Daczewska M.D.	2020	Seminars in Cell & Developmental Biology	6,691	140	140	10.1016/j.semdb.2019.10.009
30	Expression of Fbp2, a Newly Discovered Constituent of Memory Formation Mechanisms, Is Regulated by Astrocyte–Neuron Crosstalk	Hajka D.H., Duda, Wójcicka, Drulis-Fajdasz, Rakus D.R., Gizak A.G.	2020	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	4,556	140	140	10.3390/ijms21186903
31	Facial appearance and metabolic health biomarkers in women	Żelaźniewicz, Nowak-Kornicka, Łącka P.Ł., Pawłowski B.P.	2020	Scientific Reports	3,998	140	140	10.1038/s41598-020-70119-6
32	Forest microclimate dynamics drive plant responses to warming	Zellweger F.Z., De Frenne P.D.F., Lenoir J.L., Vangansbeke P.V., Verheyen, Bernhardt-Römermann M. B.R., Baeten L.B., Hédli, Berki I.B., Brunet J.B., Calster H.V.C., Chudomelová M.Ch., Decocq G.D., Dirnböck T.D., Durak T.D., Heinken T.H., Jaroszewicz, Martin Kopecký M.K., Máliš F.M., Macek M.M., Malicki, Naaf T.N., Nagel T.A.N., Ortmann-Ajkai A.O.A., Petřík P.P., Pielech R.P., Reczyńska K.R., Schmidt W.S., Standovár T.S., Świerkosz K.Ś., Teleki B.T., Vild O.V., Wulff M.W., Coomes D.C.	2020	Science	41,845	200	200	10.1126/science.aba6880
33	Fructose 1,6-Bisphosphatase 2 Plays a Crucial Role in the Induction and Maintenance of Long-Term Potentiation	Duda, Wójtowicz T.W., Janczara J.J., Krowarsch D.K., Czyrek A.Cz., Gizak A.G., Rakus D.R.	2020	Cells	4,366	140	140	10.3390/cells9061375
34	Fusarium oxysporum infection activates the plastidial branch of the terpenoid biosynthesis pathway in flax, leading to increased ABA synthesis	Boba, Kostyn K.K., Kozak, Wojtasik, Preisner, Prescha, Gola E.M.G., Lych D.L., Szopa J.Sz., Kulma A.K.	2020	PLANTA	3,39	100	100	10.1007/s00425-020-03339-9

35	Geology, stratigraphy and palaeoenvironmental evolution of the Stephanorhinus kirchbergensis -bearing Quaternary palaeolake(s) of Gorzów Wielkopolski (NW Poland, Central Europe)	Sobczyk , Borówka R.K.B., Badura J.B., Stachowicz-Rybka R.S.R., Tomkowiak J.T., Hrynowiecka A.H., Sławińska J.S., Tomczak M.T., Pitura , Lamentowicz M.L., Kofacek P.K., Karpińska-Kofacek M.K.K., Tarnawski D.T., Kadej M.K., Moska P.M., Krapięć M.K., Stachowicz K.S., Bieniek B.B., Siedlik K.S., Bąk M.B., Made , Kotowski , Stefaniak K.S.	2020	JOURNAL OF QUATERNARY SCIENCE	2,377	100	100	10.1002/jqs.3198
36	GSK-3 and miRs: Master regulators of therapeutic sensitivity of cancer cells	Duda , Akula S.M.A., Abrams S.L.A., Steelman L.S.S., Gizak A.G., Rakus D.R., McCubrey J.A.McC	2020	BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR CELL RESEARCH	4,105	140	140	10.1016/j.bbamcr.2020.118770
37	GSK3β: A Master Player in Depressive Disorder Pathogenesis and Treatment Responsiveness	Duda , Hajka D.H., Wójcicka , Rakus D.R., Gizak A.G.	2020	Cells	4,366	140	140	10.3390/cells9030727
38	GSK3 and miRNA in neural tissue: From brain development to neurodegenerative diseases	Gizak A.G., Duda , Pielka E.D.P., McCubrey J.A.McC, Rakus D.R.	2020	BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR CELL RESEARCH	4,105	140	140	10.1016/j.bbamcr.2020.118696
39	Host-parasite interactions in non-native invasive species are dependent on the levels of standing genetic variation at the immune locus	Biedrzycka , Popiołek M. P., Zalewski	2020	BMC Evolutionary Biology	3,058	100	100	10.1186/s12862-020-01610x
40	How estimated ant diversity is biased by the sampling method? A case study of Crete: a Mediterranean biodiversity hotspot	Salata , Kalarus K.K., Borowiec L.B., Trichas , Kujawa K.K	2020	BIODIVERSITY AND CONSERVATION	2,935	100	100	10.1007/s10531-020-020145
41	How many type specimens can be stored in old lesser-known herbaria with turbulent histories? – A Juncus case study reveals their importance in taxonomy and biodiversity research	Pročków J.P., Faltyn-Parzyńska A.F.P., Jarzembowski P.J., Pročków P. M., Jakubska-Busse A.J.B.	2020	PhytoKeys	1,225	100	100	10.3897/phytokeys.153.50735
42	Identification of emerging trends in the prevalence of dermatophytoses in alpacas (Vicugna pacos) farmed in Poland	Gnat S., Łagowski , Nowakiewicz , Osieńska , Dyląg	2020	Transboundary and Emerging Diseases	4,188	100	100	10.1111/tbed.13624
43	Increasing liana frequency in temperate European forest understories is driven by ivy	Perring , De Frenne P.D.F., Hertzog L.R.H., Blondeel H.B., Depauw L.D., Maes S.L.M., Wasof S.W., Verbeeck H.V., Verheyen , Baeten L.B., Bernhardt-Römermann M. B.R., Brunet J.B., Decocq G.D., Diekmann M.D., Dirnböck T.D., Durak T.D., Hédl , Heinken T.H., Hommel P.H., Kopecký M.K., Málíř F.M., Mitchell F.J.G., Naaf T.N., Newman M.N., Petřík P.P., Reczyńska K.R., Schmidt W.S., Standovář T.S., Świerkosz K.Ś., Calster H.V.C., Vild O.V., Wulf M.W.	2020	Frontiers in Ecology and the Environment	9,295	140	140	10.1002/fee.2266
44	Integrative omics analysis of Pseudomonas aeruginosa virus PA5oct highlights the molecular complexity of jumbo phages	Lood , Danis-Włodarczyk , Blasdel , Jang , Vandenheuvel , Briers , Noben , Noort , Drulis-Kawa Z.D.K, Lavigne	2020	ENVIRONMENTAL MICROBIOLOGY	4,933	140	140	10.1111/1462-2920.14979
45	Intrinsic resistance to terbinafine among human and animal isolates of Trichophyton mentagrophytes related to amino acid substitution in the squalene epoxidase	Łagowski , Gnat S., Nowakiewicz , Osieńska , Dyląg	2020	INFECTION	3,04	100	100	10.1007/s15010-020-014981
46	Iridophore associated with the Lemon Frost colour morph of the leopard gecko (Eublepharis macularius)	Szydłowski , Madej J, Duda M.D., Madej J.A.M., Sikorska-Kopyłowicz A.S.K., Chełmońska-Soyta A.Ch.S., Ilnicka L.I., Duda	2020	Scientific Reports	3,998	140	140	10.1038/s41598-020-628289
47	Is the lady's-slipper orchid (Cypripedium calceolus) likely to shortly become extinct in Europe?—Insights based on ecological niche modelling	Kolanowska M.K., Jakubska-Busse A.J.B.	2020	PLoS One	2,74	100	100	10.1371/journal.pone.0228420
48	Late Glacial and Holocene paleoecology and paleoenvironmental changes in the northern Carpathians foreland: The Żarska Cave (southern Poland) case study	Wilczyński , Krajcarz , Moskal-del Hoyo M.MdH., Alexandrowicz W.P.A., Miękina , Pereswiet-Soltan , Wertz K.W., Lipecki G.L., Marciszak A.M., Lougas , Gradziński , Szczepanek , Zastawny A.Z., Wojenka M.W.	2020	HOLOCENE	2,353	140	140	10.1177/0959683620902220
49	Localization of Phenolic Compounds at an Air–Solid Interface in Plant Seed Mucilage: A Strategy to Maximize Its Biological Function?	Lee K.L., Kreitschitz A.K., Lee J.L., Gorb S.N.G., Lee H.L.	2020	ACS Applied Materials & Interfaces	8,758	200	200	10.1021/acsami.0c12357

50	Long-term changes in winter abundance of the barbastelle <i>Barbastella barbastellus</i> in Poland and the climate change – Are current monitoring schemes still reliable for cryophilic bat species?	Gottfried I.G., Gottfried, Lesiński, Hebda G.H., Ignaczak M.I., Wojtaszyn, Jurczyszyn, Fuszara, Fuszara, Grzywiński, Błachowski, Hejduk, Jaros, Kowalski	2020	PLoS One	2,74	100	100	10.1371/journal.pone.0227912
51	Masculinity and immune system efficacy in men	Nowak-Kornicka, Borkowska, Pawłowski B.P.	2020	PLoS One	2,74	100	100	10.1371/journal.pone.0243777
52	Melanopsidae (Caenogastropoda: Cerithioidea) from the eastern Mediterranean: another case of morphostatic speciation	Falniowski, Cameron R.A.D.C., Hofman, Heller JH, Pokryszko B. M.P., Osikowski AO, Rysiewska AR	2020	ZOOLOGICAL JOURNAL OF THE LINNEAN SOCIETY	2,824	140	140	10.1093/zoolinnean/zlzl160
53	Metal(lo)id exposure assessment and biomarker responses in captive and free-ranging European brown bear (<i>Ursus arctos</i>)	Lazarus M.L., Orct T.O., Sergiel A.S., Vranković L.V., Filipović Marijić V.F.M., Rašić D.R., Reljić, Aladrović J.A., Zwiżacz-Kozica T.Z.K., Zięba F.Z., Jurasović J.J., Erk M.E., Maślak R.M., Selva N.S., Huber Đ.H.	2020	ENVIRONMENTAL RESEARCH	0	100	100	10.1016/j.envres.2020.109166
54	Micronuclei in germ cells of hybrid frogs from <i>Pelophylax esculentus</i> complex contain gradually eliminated chromosomes	Dedukh D.D., Riumin S.R., Chmielewska M.Ch., Rozenblut-Kościsty B.R.K., Kolenda K.K., Kaźmierczak M.K., Dudzik A.D., Ogielska M.O., Krasikova	2020	Scientific Reports	3,998	140	140	10.1038/s41598-020-649773
55	Molecular Epidemiology and Genetic Diversity of Orthohantaviruses in Small Mammals in Western Poland	Lee, No, Kim, Gajda, Perec-Matysiak A.P.M., Kim, Hildebrand J.H., Yanagihara, Song	2020	AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE	2,126	100	100	10.4269/ajtmh.19-0802
56	New mild amphoteric sulfohydroxybetaine-type surfactants containing different labile spacers: Synthesis, surface properties and performance	Lamch, Witek, Jarek, Obłąk E.O., Warszyński, Wilk	2020	Journal of Colloid and Interface Science	7,489	100	100	10.1016/j.jcis.2019.09.100
57	New perspectives on Neanderthal dispersal and turnover from Stajnia Cave (Poland)	Picin A.P., Hajdinjak M.H., Nowaczewska W.N., Benazzi S.B., Urbanowski, Marciszak A.M., Fewlass H.F., Socha P.S., Stefaniak K.S., Zarski, Wiśniewski A.W., Hublin J.J.H., Nadachowski A.N., Talamo S.T.	2020	Scientific Reports	3,998	140	140	10.1038/s41598-020-71504x
58	No evidence for accumulation of deleterious mutations and fitness degradation in clonal fish hybrids: Abandoning sex without regrets	Kočí JK, Röslein, Pačes, Kotusz J.K., Halačka, Koščo, Fedorčák, Iakovenko, Janko	2020	MOLECULAR ECOLOGY	5,163	140	140	10.1111/mec.15539
59	No relationship between the digit ratios (2D:4D) and salivary testosterone change: Study on men under an acute exercise	Kowal M.K., Sorokowski P.S., Żelaźniewicz, Nowak-Kornicka, Orzechowski, Żurek, Żurek, Juszkiewicz, Wojtycka, Sieniuc, Poniatowska, Tarnowska, Kowalska, Drabik, Łukaszek, Krawczyk, Stefaniak, Danek	2020	Scientific Reports	3,998	140	140	10.1038/s41598-020-669159
60	Oak-hornbeam forests of central Europe: a formalized classification and syntaxonomic revision	Novák P.N., Willner W.W., Zukal D.Z., Kollár J.K., Roleček J.R., Świerkosz K.S., Ewald J.E., Wohlgemuth T.W., Csiky J.C., Onyshchenko V.O., Chytrý M.Ch.	2020	PRESLIA	4,357	100	100	10.23855/preslia.2020.001
61	Occurrence, ecological function and medical importance of dermestid beetle <i>hastisetae</i>	Ruzzier E.R., Kadej M.K., Battisti A.B.	2020	PeerJ	2,379	100	100	10.7717/peerj.8340
62	Parthenogenesis as a Solution to Hybrid Sterility: The Mechanistic Basis of Meiotic Distortions in Clonal and Sterile Hybrids	Dedukh D.D., Majtanova, Psenicka, Kotusz J.K., Klima, Juchno, Boroń A.B., Janko	2020	GENETICS	4,015	140	140	10.1534/genetics.119.302988
63	PEGylation of dendronized silver nanoparticles increases the binding affinity of antimicrobial proteins	Ciepluch, Skrzyniarz, Zdańska J.Z., Barrios-Gumiel, Sánchez-Nieves, Mata, Maciejewska, Drulis-Kawa Z.D.K., Bryszewska, Arabski M.A.	2020	Journal of Molecular Liquids	5,065	100	100	10.1016/j.molliq.2020.114339
64	Phylogenetic analysis of the tribe Neanurini questions tribal classification of the subfamily Neanurinae (Collembola: Neanuridae)	Smolis A.S., Paśnik G.P.	2020	Organisms Diversity & Evolution	2,153	100	100	10.1007/s13127-020-00446z
65	Phylogeography and potential glacial refugia of terrestrial gastropod <i>Faustina faustina</i> (Rossmässler, 1835) (Gastropoda: Eupulmonata: Helicidae) inferred from molecular data and species distribution models	Zajac K.S.Z., Proćków P. M., Zajac, Stec D.S., Lachowska-Cierlik D.L.C.	2020	Organisms Diversity & Evolution	2,153	100	100	10.1007/s13127-020-00464x
66	Polish Pliocene and Quaternary deer and their biochronological implications	Stefaniak K.S., Ratajczak U.R., Kotowski, Kozłowska M.K., Mackiewicz P.M.	2020	Quaternary International	2,003	100	100	10.1016/j.quaint.2019.09.048

67	Preparation and preliminary evaluation of bio-nanocomposites based on hydroxyapatites with antibacterial properties against anaerobic bacteria	Zawisza, Sobierajska, Nowak, Kędziora, Korzekwa K.K., Pozniak, Tikhomirov, Miller, Mrowczyńska, Wigłusz	2020	Materials Science & Engineering C-Materials for Biological Applications	5,88	140	140	10.1016/j.msec.2019.110295
68	Preparation of a New Biocomposite Designed for Cartilage Grafting with Antibiofilm Activity	Targońska S.T., Rewak-Soroczyńska J.R-S., Piecuch, Paluch, Szymanski, Wigłusz	2020	ACS Omega	2,87	70	70	10.1021/acsomega.0c03044
69	Prevention of biofilm formation by quorum quenching	E. Paluch, Rewak-Soroczyńska, Jędrusik, Jermakow, Mazurkiewicz E.M.	2020	Applied Microbiology and Biotechnology	3,53	100	100	10.1007/s00253-020-10349w
70	Profound head modifications in Claviger testaceus (Pselaphinae, Staphylinidae, Coleoptera) facilitate integration into communities of ants	Jałoszyński P.J., Luo, Beutel	2020	Journal of Morphology	1,563	100	100	10.1002/jmor.21232
71	Protocol of proceedings with Fusobacterium nucleatum and optimization of ABTS method for detection of reactive oxygen species	Kędziora, Lesiów, Krupa, Korzeniowska-Kowal A.K.K., Adamski R.A., Komarnicka, Stokowa-Softys, Bugla-Płoskońska G.B.P., Jeżowska-Bojczuk M.J.B.	2020	Future Microbiology	2,907	100	100	10.2217/fmb-2019-0010
72	Replacements of small- by large-ranged species scale up to diversity loss in Europe's temperate forest biome	Staude I.R.S., Waller D.M.W., Bernhardt-Römermann M. B.R., Bjorkman A.D.B., Brunet J.B., De Frenne P.D.F., Hédél, Jandt U.J., Lenoir J.L., Máliš F.M., Verheyen, Wulf M.W., Pereira H.M.P., Vangansbeke P.V., Ortmann-Ajkai A.O.A., Pielech R.P., Berki I.B., Chudomelová M.Ch., Decocq G.D., Dirnböck T.D., Durak T.D., Heinken T.H., Jaroszewicz, Martin Kopecký M.K., Macek M.M., Malicki, Naaf T.N., Nagel T.A.N., Petřík P.P., Reczyńska K.R., Høistad Schei F.H.S., Schmidt W.S., Standovár T.S., Świerkosz K.Ś., Teleki B.T., Calster H.V.C., Vild O.V., Baeten L.B.	2020	Nature Ecology & Evolution	12,541	100	100	10.1038/s41559-020-1176-8
73	Response to Comment on "Forest microclimate dynamics drive plant responses to warming"	Zellweger F.Z., De Frenne P.D.F., Lenoir J.L., Vangansbeke P.V., Verheyen, Bernhardt-Römermann M. B.R., Baeten L.B., Hédél, Berki I.B., Brunet J.B., Calster H.V.C., Chudomelová M.Ch., Decocq G.D., Dirnböck T.D., Durak T.D., Heinken T.H., Jaroszewicz, Kopecký M.K., Máliš F.M., Macek M.M., Malicki, Naaf T.N., Nagel T.A.N., Ortmann-Ajkai A.O.A., Petřík P.P., Pielech R.P., Reczyńska K.R., Schmidt W.S., Standovár T.S., Świerkosz K.Ś., Teleki B.T., Vild O.V., Wulf M.W., Coomes D.C.	2020	Science	41,845	200	0	10.1126/science.abd6193
74	Sanionia uncinata, Racomitrium lanuginosum and Salix herbacea as ecological indicators of metals in Iceland	Kolon M.K.K., Kopeć M.S.K., Wojtuń B.W., Samecka-Cymerman A. S-C, Mróz L.M., Wąsowicz P.W., Rajsz, Kempers A.J.K.	2020	ECOLOGICAL INDICATORS	4,229	140	140	10.1016/j.ecolind.2019.106058

75	Seasonal dynamics of haemosporidian (Apicomplexa, Haemosporida) parasites in house sparrows <i>Passer domesticus</i> at four European sites: comparison between lineages and the importance of screening methods	Neto J.M.N., Mellinger S.M., Halupka L.H., Marzal A.M., Zehtindjiev P.Z., Westerdahl H.W.	2020	International Journal for Parasitology	3,53	100	100	10.1016/j.ijpara.2020.03.008
76	Shelter in Smoleń III – A unique example of stratified Holocene clastic cave sediments in Central Europe, a lithostratigraphic stratotype and a record of regional paleoecology	Krajcarz , Szymanek , Krajcarz , Pereswiet-Soltan , Alexandrowicz W.P.A., Sudoł-Procyk M.S.P.	2020	PLoS One	2,74	100	100	10.1371/journal.pone.0228546
77	Structural and Functional Studies of a Klebsiella Phage Capsule Depolymerase Tailspike: Mechanistic Insights into Capsular Degradation	Squeglia , Maciejewska , Łątka , Ruggiero , Briens , Drulis-Kawa Z.D.K, Berisio	2020	STRUCTURE	4,862	100	100	10.1016/j.str.2020.04.015
78	Taphonomic and paleoecological aspects of large mammals from Sudety Mts (Silesia, SW Poland), with particular interest to the carnivores	Marciszak A.M., Sobczyk , Kasprzak , Gornig , Ratajczak U.R., Wiśniewski A.W., Stefaniak K.S.	2020	Quaternary International	2,003	100	100	10.1016/j.quaint.2019.11.009
79	Targeting GSK3 and Associated Signaling Pathways Involved in Cancer	Duda , Akula S.M.A., Abrams S.L.A., Steelman L.S.S., Martelli A.M.M., Cocco , Ratti S.R., Candido , Libra , Montalto , Cervello , Gizak A.G., Rakus D.R., McCubrey J.A.McC	2020	Cells	4,366	140	140	10.3390/cells9051110
80	The ancillary N-terminal region of the yeast AP-1 transcription factor Yap8 contributes to its DNA binding specificity	Maciaszczyk-Dziubińska E.M.D., Reymer A.R., Kumar , Bialek W.B., Mizio , Tamas M.J.T., Wysocki R.W.	2020	Nucleic Acids Research	11,501	200	200	10.1093/nar/gkaa316
81	The Anticancer Drug 3-Bromopyruvate Induces DNA Damage Potentially Through Reactive Oxygen Species in Yeast and in Human Cancer Cells	Cal , Matyjaszczyk , Litwin I.L., Augustyniak D.A., Ogórek , Ko , Ułaszewski S.U.	2020	Cells	4,366	140	140	10.3390/cells9051161
82	The Application of Impedance Spectroscopy for Pseudomonas Biofilm Monitoring during Phage Infection	Gufa G., Szymanowska , Piasecki , Góras , Gotszalk , Drulis-Kawa Z.D.K	2020	Viruses-Basel	3,816	100	100	10.3390/v12040407
83	The C loop at the orthosteric binding site is critically involved in GABAA receptor gating	Terejko , Kaczor P.T.K., Michałowski , Dąbrowska A.D., Mozrzymas	2020	Neuropharmacology	4,431	140	140	10.1016/j.neuropharm.2019.107903
84	The effect of climate change on laying dates, clutch size and productivity of Eurasian Coots <i>Fulica atra</i>	Halupka L.H., Czyż B.CZ., Macias Dominguez C.M.M.D.	2020	International Journal of Biometeorology	2,68	100	100	10.1007/s00484-020-019723
85	The effect of muscle glycogen phosphorylase (Pygm) knockdown on zebrafish morphology	Migocka-Patrzałek , Lewicka , Elias , Daczewska M.D.	2020	INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY	3,673	100	100	10.1016/j.biocel.2019.105658
86	The impact of major warming at 14.7 ka on environmental changes and activity of Final Palaeolithic hunters at a local scale (Orawa-Nowy Targ Basin, Western Carpathians, Poland	Lemanik A.L., Baca , Wertz K.W., Socha P.S., Popović , Tomek T.T., Lipecki G.L., Kraszewska A.K., Miękina , Żeromska A.Ż., Pereswiet-Soltan , Szyndlar , Cieśla M.C., Valde-Nowak , Mackiewicz P.M., Nadachowski A.N.	2020	Archaeological and Anthropological Sciences	2,063	100	100	10.1007/s12520-020-010206
87	The mid-Cretaceous † <i>Lepiceratus</i> Gen. nov. and the Evolution of the Relict Beetle Family Lepiceridae (Insecta: Coleoptera: Myxophaga)	Jałoszyński P.J., Luo , Hammel J. U. H., Yamamoto , Beutel	2020	Journal of Systematic Palaeontology	2,833	100	100	10.1080/14772019.2020.1747561
88	The Reverse Warburg Effect Is Associated with Fbp2-Dependent Hif1 α Regulation in Cancer Cells Stimulated by Fibroblasts	Duda , Janczara J.J., McCubrey J.A.McC, Gizak A.G., Rakus D.R.	2020	Cells	4,366	140	140	10.3390/cells9010205
89	The role of NO in plant response to salt stress: interactions with polyamines	Napieraj , Reda M.R., Janicka M.J.	2020	FUNCTIONAL PLANT BIOLOGY	2,617	100	100	10.1071/fp19047
90	Titan cell formation is unique to <i>Cryptococcus</i> species complex	Dyląg , Colon-Reyes , Kozubowski	2020	Virulence	5,542	100	100	10.1080/21505594.2020.1772657
91	Trait-based numerical classification of mesic and wet grasslands in Poland	Lengyel , Swacha , Botta-Dukát , Kącki Z.K.	2020	JOURNAL OF VEGETATION SCIENCE	2,698	100	100	10.1111/jvs.12850
92	Understanding the importance of spatial scale in the patterns of grassland invasions	Czarnecka-Wiera M.Cz.W, Szymura T.H.Sz., Kącki Z.K.	2020	SCIENCE OF THE TOTAL ENVIRONMENT	6,551	200	200	10.1016/j.scitotenv.2020.138669
93	Unusual dermatomycoses caused by <i>Nannizzia nana</i> : the geophilic origin of human infections	Gnat S., Łagowski , Nowakiewicz , Dyląg	2020	INFECTION	3,04	100	100	10.1007/s15010-020-014165