

Vybrané nejlepší publikace BC (2019, 2020)

| ústav BC | výsledek: plná citace | doplňující informace (např. IF, AIS,...) |
|-----------|---|---|
| ENTÚ | Smýkal V., Pivarčí M., Provazník J., Bazalová O., Jedlička P., Lukšan O., Horák A., Vaněčková H., Beneš V., Fiala I., Hanus R., Doležel D. (2020) Complex evolution of insect insulin receptors and homologous decoy receptors, and functional significance of their multiplicity. <i>Molecular Biology and Evolution</i> 37 : 1775-1789. DOI: 10.1093/molbev/msaa048 | IF 2019 = 11.062; AIS 2019 = 5,159 |
| ENTÚ | Faltýnek Fric Z., Rindoš M., Konvička M. (2020) Phenology responses of temperate butterflies to latitude depend on ecological traits. <i>Ecology Letters</i> 23 : 172-180. DOI: 10.1111/ele.13419 | IF 2019 = 8.665; cited 2x; AIS 2019 = 4,074 |
| PAÚ | Faktorová D., Nisbet R.E.R., Fernández Robledo J.A., Casacuberta E., Sudek L., Allen A.E., Ares M. Jr., Aresté C., Balestreri C., Barbrook A.C., Beardslee P., Bender S., Booth D.S., Bouget F.Y., Bowler C., Breglia S.A., Brownlee C., Burger G., Cerutti H., Cesaroni R., Chiurillo M.A., Clemente T., Coles D.B., Collier J.L., Cooney E.C., Coyne K., Docampo R., Dupont C.L., Edgcomb V., Einarsson E., Elustondo P.A., Federici F., Freire-Beneitez V., Freyria N.J., Fukuda K., Garcia P.A., Girguis P.R., Goma F., Gornik S.G., Guo J., Hampl V., Hanawa Y., Haro-Contreras E.R., Hehenberger E., Highfield A., Hiraoka Y., Hopes A., Howe C.J., Hu I., Ibañez J., Irwin N.A.T., Ishii Y., Janowicz N.E., Jones A.C., Kachale A., Fujimura-Kamada K., Kaur B., Kaye J.Z., Kazana E., Keeling P.J., King N., Klobutcher L.A., Lander N., Lassadi I., Li Z., Lin S., Lozano J.C., Luan F., Maruyama S., Matute T., Miceli C., Minagawa J., Moosburner M., Najle S.R., Nanjappa D., Nimmo I.C., Noble L., Novák Vandrova A.M.G., Nowacki M., Nuñez I., Pain A., Piersanti A., Pucciarelli S., Pyrih J., Rest J.S., Rius M., Robertson D., Ruaud A., Ruiz-Trillo I., Sigg M.A., Silver P.A., Slamovits C.H., Jason Smith G., Sprecher B.N., Stern R., Swart E.C., Tsaousis A.D., Tsybin L., Turkewitz A., Turnšek J., Valach M., Vergé V., von Dassow P., von der Haar T., Waller R.F., Wang L., Wen X., Wheeler G., Woods A., Zhang H., Mock T., Worden A.Z., Lukeš J. 2020: Genetic tool development in marine protists: Emerging model organisms for experimental cell biology. <i>Nature Methods</i> 17 : 481-494. | IF 2019 = 30.822; Doi: 10.1038/s41592-020-0796-x; AIS 2019 = 21.743 / Q1 cited 5x |
| PAÚ | Hammond M.J., Nenarokova A., Butenko A., Zoltner M., Dobáková E.L., Field M.C., Lukeš J. 2020: A uniquely complex mitochondrial proteome from <i>Euglena gracilis</i> . <i>Molecular Biology and Evolution</i> 37 : 2173-2191. | IF 2019 = 11.062; Doi: 10.1093/molbev/msaa061; AIS 2019 = 5.159 / Q1 |
| PAÚ | Kuchta R., Kołodziej-Sobocińska M., Brabec J., Młocicki D., Salamatin R., Scholz T. 2020: Sparganosis (Spirometra) in Europe in the molecular era. <i>Clinical Infectious Diseases</i> (in press). | IF 2019 = 8.313; Doi: 10.1093/cid/ciaa1036; AIS 2019 = 3.806 / Q1 |
| ÚMBR | Avila Robledillo L., Neumann P., Koblížková A., Novák P., Vrbová I., Macas J. (2020) Extraordinary Sequence Diversity and Promiscuity of Centromeric Satellites in the Legume Tribe Fabaeae. <i>Molecular Biology and Evolution</i> 37 (8), 2341-2356. | IF 2019 = 11.062; AIS 2019 = 5,159; DOI: 10.1093/molbev/msaa090 |
| ÚMBR | Vondrak T., Avila Robledillo L., Novák P., Koblížková A., Neumann P., Macas J. (2020) Characterization of repeat arrays in ultra-long nanopore reads reveals frequent origin of satellite DNA from retrotransposon-derived tandem repeats <i>The Plant Journal</i> 101 : 484-500. | IF 2019 = 6.141; AIS 2019 = 2,112; DOI: 10.1111/tpj.14546 |
| ÚMBR | Andresen E., Lyubonova L., Hubáček T., Bokhari S. N. H., Matoušková Š., Mijovilovich A. E., Rohovec J., Küpper H. (2020) Chronic exposure of soybean plants to nanomolar cadmium reveals specific additional high-affinity targets of Cd toxicity <i>Journal of Experimental Botany</i> 71 (4): 1628-1644 | IF 2019 = 5.908, AIS 2019 = 1,879; DOI: 10.1093/jxb/erz530 |
| HBU | Jarič I., Heger T., Monzon F.C., Jeschke J. M., Kowarik I., McConkey K.M., Pyšek P., Sagouis A., Essl F. (2019). Crypticity in Biological Invasions. <i>Trends in Ecology and Evolution</i> 34 (4): 291-302. | IF 2019 = 14,764, AIS 2019 = 7,152, DOI: 10.1016/j.tree.2018.12.008 |
| ÚPB, ENTÚ | Tůma J., Eggleton P., Fayle T.M. , 2020 - Ant-termite interactions: an important but under-explored ecological linkage. <i>Biological Reviews</i> 95 (3), 555-572. DOI: 10.1111/brv.12577 | IF 2019 = 10.701; AIS 2019 = 3.979 |
| ÚPB | Šustr V., Šimek M., Faktorová L., Macková J., Tajovský K. , 2020 - Release of greenhouse gases from millipedes as related to food, body size, and other factors. <i>Soil Biology and Biochemistry</i> 144 , Article number 107765. DOI: 10.1016/j.soilbio.2020.107765 | IF 2019 = 5.795; AIS 2019 = 1.546 |
| ÚPB | Sterzyńska M., Shrubovych Y., Tajovský K., Čuchta P., Starý J., Kaňa J., Smykla J. , 2020 - Responses of soil microarthropod taxon (Hexapoda: Protura) to natural disturbances and management practices in forest-dominated subalpine lake catchment areas. <i>Scientific Reports</i> 10 , Article number 5572. DOI: 10.1038/s41598-020-62522-w | IF 2019 = 3.998; AIS 2019 = 1.263 |
| ÚPB | Angst G., Mueller K.E., Eissenstat D.M., Trumbore S., Freeman K.H., Hobbie S.E., Chorover J., Oleksyn J., Reich P.B., Mueller C.W. , 2019 - Soil organic carbon stability in forests: Distinct effects of tree species identity and traits <i>Global Change Biology</i> 25 , pp.1529-1546. DOI: 10.1111/gcb.14548 | IF 2019 = 8.555; AIS 2019 = 3.109 stabilitou půdní organické hmoty (SOM) a ekologickými faktory. Ukázala, že dřeviny |
| SoWa | Angst G., Mueller, C.W., Prater, I., Angst, Š., Frouz, J., Jilková, V., Peterse, F., Nierop, K.G.J. (2019): Earthworms act as biochemical reactors to convert labile plant compounds into stabilized soil microbial necromass. <i>Communications Biology</i> 2 , 441. DOI: https://doi.org/10.1038/s42003-019-0684-z | IF 2019 = 4,165 |