

Veröffentlichungen

des Helmholtz-Zentrums für Umweltforschung GmbH – UFZ

Forschen für die Umwelt

Vorbemerkung

Das vorliegende Veröffentlichungsverzeichnis umfasst die im Jahre 2016 erschienenen Publikationen, die von Mitarbeitern der Helmholtz-Zentrum für Umweltforschung GmbH - UFZ verfasst, mitverfasst oder herausgegeben wurden.

Redaktionsschluss für diese Publikationsliste war der 15. Februar 2017.
Im Unterschied zu externen Autoren sind UFZ Angehörige bei allen Publikationen durch **fette Schrift** hervorgehoben.

Das anschließende alphabetische Register verzeichnet alle UFZ Autoren mit den jeweiligen laufenden Nummern ihrer Publikationen.

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Artikel in ISI und SCOPUS gelisteten Zeitschriften

1. **Adrian, L.**, Marco-Urrea, E. (2016):
Isotopes in geobiochemistry: tracing metabolic pathways in microorganisms of environmental relevance with stable isotopes
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Functional traits help to explain half-century long shifts in pollinator distributions
Sci. Rep. **6**, art. 24451
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4. Aigner, A., Buesen, R., Gant, C., Gooderham, N., Greim, H., **Hackermüller, J.**, Hubesch, B., Laffont, M., Marczylo, E., Meister, G., Petrick, J.S., Rasoulpour, R.J., Sauer, U.G., Schmidt, K., Seitz, H., Slack, F., Sukata, T., van der Vies, S.M., Verhaert, J., Witwer, K.W., Poole, A. (2016):
Advancing the use of noncoding RNA in regulatory toxicology: Report of an ECETOC workshop
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Physica D **318–319**, 58 - 69
9. Altenkirch, N., Zlatanovic, S., Woodward, K.B., **Trauth, N.**, Mutz, M., Mokenthin, F. (2016): “Untangling hyporheic residence time distributions and whole stream” “Metabolism using a hydrological process model”
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11. Ampoorter, E., Selvi, F., **Auge, H.**, Baeten, L., **Berger, S.**, Carrari, E., Coppi, A., Fotelli, M., Radoglou, K., Setiawan, N.N., Vanhellemont, M., Verheyen, K. (2016): Driving mechanisms of overstorey–understorey diversity relationships in European forests
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12. Andresen, E., Kappel, S., **Stärk, H.-J.**, Riegger, U., Borovec, J., **Mattusch, J.**, Heinz, A., Schmelzer, C.E.H., Matoušková, Š., Dickinson, B., Küpper, H. (2016): Cadmium toxicity investigated at the physiological and biophysical levels under environmentally relevant conditions using the aquatic model plant *Ceratophyllum demersum*
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15. **Arnold, S.**, Attinger, S., Frank, K., Baxter, P., Possingham, H., Hildebrandt, A. (2016): Ecosystem management along ephemeral rivers: trading off socio-economic water supply and vegetation conservation under flood regime uncertainty
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Patterns of laccase and peroxidases in coarse woody debris of *Fagus sylvatica*, *Picea abies* and *Pinus sylvestris* and their relation to different wood parameters
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19. **Arroyo-Abad, U.**, Pfeifer, M., Mothes, S., Stärk, H.-J., Piechotta, C., **Mattusch, J.**, **Reemtsma, T.** (2016):
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Differential modulation of neuro- and interrenal steroidogenesis of juvenile salmon by the organophosphates - tris(2-butoxyethyl)- and tris(2-cloroethyl) phosphate
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25. Axenov-Gribanov, D., Bedulina, D., Shatilina, Z., Jakob, L., Vereshchagina, K., Lubyaga, Y., Gurkov, A., Shchapova, E., **Luckenbach, T.**, Lucassen, M., Sartoris, F.J., Pörtner, H.-O., Timofeyev, M. (2016): Thermal preference ranges correlate with stable signals of universal stress markers in Lake Baikal endemic and Holarctic amphipods
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30. **Banitz, T., Frank, K., Wick, L.Y., Harms, H., Johst, K.** (2016):
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Mapping ecosystem service capacity, flow and demand for landscape and urban planning:
A case study in the Barcelona metropolitan region
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33. Bastida, F., **Jehmlich, N.** (2016):
It's all about functionality: How can metaproteomics help us to discuss the attributes of ecological relevance in soil?
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41. **Beckmann, M.**, **Bruelheide, H.**, Erfmeier, A. (2016): Reduced tolerance to simulated herbivory on clonal organs in alien genotypes: a multi-species experiment with native and introduced origins
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