

Höchst zitierte UFZ-Publikationen aus dem Bereich der Naturwissenschaften (ISI-Einstufung)

Quelle: Clarivate Analytics

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erstellt von: Ilka Rudolf

Highly cited paper:

Artikel erreichte im betreffenden Zeitraum genügend Zitationen, um in die Top 1% innerhalb der Kategorie, in die der Artikel vom wissenschaftlichen Focus her eingestuft wurde, aufgenommen zu werden.

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1.

[Methods to account for spatial autocorrelation in the analysis of species distributional data: a review](#)

By: Dormann, Carsten F.; McPherson, Jana M.; Araujo, Miguel B.; et al.

[ECOGRAPHY](#) Volume: 30 Issue: 5 Pages: 609-628 Published: OCT 2007

Times Cited: [1,206](#)

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2.

[Global pollinator declines: trends, impacts and drivers](#)

By: Potts, Simon G.; Biesmeijer, Jacobus C.; Kremen, Claire; et al.

[TRENDS IN ECOLOGY & EVOLUTION](#) Volume: 25 Issue: 6 Pages: 345-353 Published: JUN 2010

Times Cited: [1,147](#)

(from Web of Science Core Collection)

Highly Cited Paper

3.

[Parallel declines in pollinators and insect-pollinated plants in Britain and the Netherlands](#)

By: Biesmeijer, J. C.; Roberts, S. P. M.; Reemer, M.; et al.

[SCIENCE](#) Volume: 313 Issue: 5785 Pages: 351-354 Published: JUL 21 2006

Times Cited: [988](#)
(from Web of Science Core Collection)

4.

[A standard protocol for describing individual-based and agent-based models](#)

By: Grimm, Volker; Berger, Uta; Bastiansen, Finn; et al.

[ECOLOGICAL MODELLING](#) Volume: 198 Issue: 1-2 Pages: 115-126 Published: SEP 15 2006

[Full Text from Publisher](#)

[View Abstract](#)

Times Cited: [963](#)
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5.

[Animal species diversity driven by habitat heterogeneity/diversity: the importance of keystone structures](#)

By: Tews, J; Brose, U; Grimm, V; et al.

[JOURNAL OF BIOGEOGRAPHY](#) Volume: 31 Issue: 1 Pages: 79-92 Published: JAN 2004

Times Cited: [958](#)
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6.

[Collinearity: a review of methods to deal with it and a simulation study evaluating their performance](#)

By: Dormann, Carsten F.; Elith, Jane; Bacher, Sven; et al.

[ECOGRAPHY](#) Volume: 36 Issue: 1 Pages: 27-46 Published: JAN 2013

Times Cited: [956](#)
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[Pattern-oriented modeling of agent-based complex systems: Lessons from ecology](#)

By: Grimm, V; Revilla, E; Berger, U; et al.

[SCIENCE](#) Volume: 310 Issue: 5750 Pages: 987-991 Published: NOV 11 2005

Times Cited: [843](#)

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8.

[Determinants of woody cover in African savannas](#)

By: Sankaran, M; Hanan, NP; Scholes, RJ; et al.

[NATURE](#) Volume: 438 Issue: 7069 Pages: 846-849 Published: DEC 8 2005

Times Cited: [741](#)

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9.

[The ODD protocol A review and first update](#)

By: Grimm, Volker; Berger, Uta; DeAngelis, Donald L.; et al.

[ECOLOGICAL MODELLING](#) Volume: 221 Issue: 23 Pages: 2760-2768 Published: NOV 24 2010

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[TRY - a global database of plant traits](#)

By: Kattge, J.; Diaz, S.; Lavorel, S.; et al.

[GLOBAL CHANGE BIOLOGY](#) Volume: 17 Issue: 9 Pages: 2905-2935 Published: SEP 2011

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[A comparison of the performance of nine soil organic matter models using datasets from seven long-term experiments](#)

By: Smith, P; Smith, JU; Powlson, DS; et al.

[GEODERMA](#) Volume: 81 Issue: 1-2 Pages: 153-225 Published: DEC 1997

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[Economic valuation of the vulnerability of world agriculture confronted with pollinator decline](#)

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[ECOLOGICAL ECONOMICS](#) Volume: 68 Issue: 3 Pages: 810-821 Published: JAN 15 2009

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[SELEX-A \(r\)evolutionary method to generate high-affinity nucleic acid ligands](#)

By: Stoltenburg, Regina; Reinemann, Christine; Strehlitz, Beate

[BIOMOLECULAR ENGINEERING](#) Volume: 24 Issue: 4 Pages: 381-403 Published: OCT 2007

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[Phenotypic and genetic differentiation between native and introduced plant populations](#)

By: Bossdorf, O; Auge, H; Lafuma, L; et al.

[OECOLOGIA](#) Volume: 144 Issue: 1 Pages: 1-11 Published: JUN 2005

Times Cited: [561](#)

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[The LEDA Traitbase: a database of life-history traits of the Northwest European flora](#)

By: Kleyer, M.; Bekker, R. M.; Knevel, I. C.; et al.

[JOURNAL OF ECOLOGY](#) Volume: 96 Issue: 6 Pages: 1266-1274 Published: NOV 2008

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[Rings, circles, and null-models for point pattern analysis in ecology](#)

By: Wiegand, T; Moloney, KA

[OIKOS](#) Volume: 104 Issue: 2 Pages: 209-229 Published: FEB 2004

Times Cited: [517](#)

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[An endogenous tumour-promoting ligand of the human aryl hydrocarbon receptor](#)

By: Opitz, Christiane A.; Litzénburger, Ulrike M.; Sahm, Felix; et al.

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[Ten years of individual-based modelling in ecology: what have we learned and what could we learn in the future?](#)

By: Grimm, V

[ECOLOGICAL MODELLING](#) Volume: 115 Issue: 2-3 Pages: 129-148 Published: FEB 15 1999

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19.

[A new generation of climate-change experiments: events, not trends](#)

By: Jentsch, Anke; Kreyling, Juergen; Beierkuhnlein, Carl

[FRONTIERS IN ECOLOGY AND THE ENVIRONMENT](#) Volume: 5 Issue: 7 Pages: 365-374 Published: SEP 2007

Times Cited: [468](#)
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[Predictors of species sensitivity to fragmentation](#)

By: Henle, K; Davies, KF; Kleyer, M; et al.

[BIODIVERSITY AND CONSERVATION](#) Volume: 13 Issue: 1 Pages: 207-251 Published: JAN 2004

Times Cited: [467](#)
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[Alien species in a warmer world: risks and opportunities](#)

By: Walther, Gian-Reto; Roques, Alain; Hulme, Philip E.; et al.

[TRENDS IN ECOLOGY & EVOLUTION](#) Volume: 24 Issue: 12 Pages: 686-693 Published: DEC 2009

Times Cited: [461](#)
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22.

[Characterising performance of environmental models](#)

By: Bennett, Neil D.; Croke, Barry F. W.; Guariso, Giorgio; et al.

[ENVIRONMENTAL MODELLING & SOFTWARE](#) Volume: 40 Pages: 1-20 Published: FEB 2013

Times Cited: [460](#)
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[The EPS matrix: The "House of Biofilm cells"](#)

By: Flemming, Hans-Curt; Neu, Thomas R.; Wozniak, Daniel J.

[JOURNAL OF BACTERIOLOGY](#) Volume: 189 Issue: 22 Pages: 7945-7947 Published: NOV 2007

Times Cited: [455](#)

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[Landscape moderation of biodiversity patterns and processes - eight hypotheses](#)

By: Tscharrntke, Teja; Tylianakis, Jason M.; Rand, Tatyana A.; et al.

[BIOLOGICAL REVIEWS](#) Volume: 87 Issue: 3 Pages: 661-685 Published: AUG 2012

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[Effects of plants and microorganisms in constructed wetlands for wastewater treatment](#)

By: Stottmeister, U; Wiessner, A; Kusch, P; et al.

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[Sex Differences in the Gut Microbiome Drive Hormone-Dependent Regulation of Autoimmunity](#)

By: Markle, Janet G. M.; Frank, Daniel N.; Mortin-Toth, Steven; et al.

[SCIENCE](#) Volume: 339 Issue: 6123 Pages: 1084-1088 Published: MAR 1 2013

Times Cited: [408](#)
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[Epigenetics for ecologists](#)

By: Bossdorf, Oliver; Richards, Christina L.; Pigliucci, Massimo

[ECOLOGY LETTERS](#) Volume: 11 Issue: 2 Pages: 106-115 Published: FEB 2008

Times Cited: [381](#)
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By: Vila, Montserrat; Basnou, Corina; Pysek, Petr; et al.

Group Author(s): DAISIE Partners

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[Grasping at the routes of biological invasions: a framework for integrating pathways into policy](#)

By: Hulme, P. E.; Bacher, S.; Kenis, M.; et al.

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[Ecological networks - beyond food webs](#)

By: Ings, Thomas C.; Montoya, Jose M.; Bascompte, Jordi; et al.

[JOURNAL OF ANIMAL ECOLOGY](#) Volume: 78 Issue: 1 Pages: 253-269 Published: JAN 2009

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By: Stinson, Kristina A.; Campbell, Stuart A.; Powell, Jeff R.; et al.

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[The role of biotic interactions in shaping distributions and realised assemblages of species: implications for species distribution modelling](#)

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[BIOLOGICAL REVIEWS](#) Volume: 88 Issue: 1 Pages: 15-30 Published: FEB 2013

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[High-throughput generation of selected reaction-monitoring assays for proteins and proteomes](#)

By: Picotti, Paola; Rinner, Oliver; Stallmach, Robert; et al.

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[ECOLOGY](#) Volume: 84 Issue: 8 Pages: 1945-1956 Published: AUG 2003

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[NEW PHYTOLOGIST](#) Volume: 176 Issue: 1 Pages: 22-36 Published: 2007

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[ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY](#) Volume: 24 Issue: 4 Pages: 954-965 Published: APR 2005

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[Effects of incorporating spatial autocorrelation into the analysis of species distribution data](#)

By: Dormann, Carsten F.

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