










## Jonathan Jeschke's publication list, with [links](#) to PDFs and Supplements

Publications with the following features are highlighted (last update 16 July 2019):

 <b>50</b>	 <b>100</b>	 <b>250</b>	 <b>500</b>	≥50, 100, 250, 500 citations, respectively, in the Web of Science
 <b>Highly Cited Paper</b>	Highly cited paper (in the top 1%) according to the Web of Science, considering the research field and publication year			
 <b>Top 10</b>	In the top 10 of most visited papers of the journal			
 <b>Altmetric</b>	Altmetric score ≥100			
 <b>F1000Prime RECOMMENDED</b>	Recommended by Faculty of 1000			
 <b>nature</b> <small>RESEARCH HIGHLIGHT</small>	Nature Research Highlight			

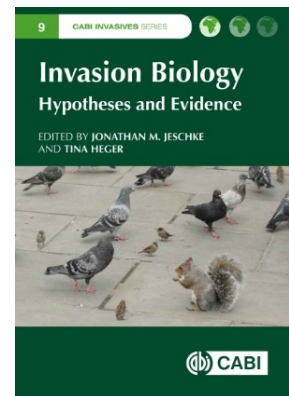
### Invasive species and other novel organisms

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- Essl, F.; Dullinger, S.; Genovesi, P.; Hulme, P.E.; **Jeschke, J.M.**; Katsanevakis, S.; Kühn, I.; Lenzner, B.; Pauchard, A.; Pyšek, P.; Rabitsch, W.; Richardson, D.M.; Seebens, H.; van Kleunen, M.; van der Putten, W.H.; Vilà, M.; Bacher, S. In press. Range-expanding species that track human-induced environmental change: native or not? *BioScience*.
- Frost, C.M.; Allen, W.J.; Courchamp, F.; **Jeschke, J.M.**; Saul, W.-C.; Wardle, D.A. In press. Using network theory to understand and predict biological invasions. *Trends in Ecology & Evolution*.
- Heger, T.; Bernard-Verdier, M.; Gessler, A.; Greenwood, A.D.; Grossart, H.-P.; Hilker, M.; Keinath, S.; Kowarik, I.; Kueffer, C.; Marquard, E.; Müller, J.; Niemeier, S.; Onandia, G.; Petermann, J.S.; Rillig, M.C.; Rödel, M.-O.; Saul, W.-C.; Schittko, C.; Tockner, K.; Joshi, J.; **Jeschke, J.M.** In press. Towards an integrative, eco-evolutionary understanding of ecological novelty: studying and communicating interlinked effects of global change. *BioScience*.
- Ryo, M.; **Jeschke, J.M.**; Rillig, M.C.; Heger, T. In press. Machine learning with the hierarchy-of-hypotheses (HoH) approach discovers novel pattern in studies on biological invasions. *Research Synthesis Methods*.
- Enders, M.; Havemann, F.; **Jeschke, J.M.** 2019. A citation-based map of concepts in invasion biology. *NeoBiota* 47, 23-42.
- Essl, F.; Lenzner, B.; Courchamp, F.; Dullinger, S.; **Jeschke, J.M.**; Kühn, I.; Leung, B.; Moser, D.; Roura-Pascual, N.; Seebens, H. 2019. Introducing AlienScenarios: a project to develop scenarios and models of biological invasions for the 21<sup>st</sup> century. *NeoBiota* 45, 1-17.
- González-Moreno, P. ... **Jeschke, J.M.** ... 2019. Consistency of impact assessment protocols for non-native species. *NeoBiota* 44, 1-25.
- Jarić, I.; Heger, T.; Castro Monzon, F.; **Jeschke, J.M.**; Kowarik, I.; McConkey, K.R.; Pyšek, P.; Sagouis, A.; Essl, F. 2019. Crypticity in biological invasions. *Trends in Ecology & Evolution* 34, 291-302.
- Kerkow, A.; Wieland, R.; Koban, M.B.; Hölker, F.; **Jeschke, J.M.**; Walther, D.; Kampen, H. 2019. What makes the Asian bush mosquito *Aedes japonicus japonicus* feel comfortable in Germany? A fuzzy modelling approach. *Parasites & Vectors* 12, 106.
- Strayer, D.L.; Adamovich, B.V.; Adrian, R.; Aldridge, D.C.; Balogh, C.; Burlakova, L.E.; Fried-Petersen, H.B.; Tóth, L.G.; Hetherington, A.L.; Jones, T.S.; Karatayev, A.Y.; Madill, J.B.; Makarevich, O.A.; Marsden, J.E.; Martel, A.L.; Minchin, D.; Nalepa, T.F.; Noordhuis, R.; Robinson, T.J.; Rudstam, L.G.; Schwalb, A.N.; Smith, D.R.; Steinman, A.D.; **Jeschke, J.M.** 2019. Long-term population dynamics of dreissenid mussels (*Dreissena polymorpha* and *D. rostriformis*): a cross-system analysis. *Ecosphere* 10, e02701.

**Jeschke, J.M.; Heger, T. (eds.) 2018. *Invasion Biology: Hypotheses and Evidence*. CABI, Wallingford, UK. 188 Pages.**

Companion website: **Jeschke, J.M.; Enders, M.; Bagni, M.; Jeschke, P.; Zimmermann, M.; Heger, T. 2018. Hi-Knowledge.org.**



The book includes the following chapters that I co-authored:

**Chapter 2:** Heger, T.; **Jeschke, J.M.** The hierarchy-of-hypotheses approach. Pages 14-18.

**Chapter 6:** Heger, T.; **Jeschke, J.M.** The hierarchy-of-hypotheses approach updated – a toolbox for structuring and analysing theory, research and evidence. Pages 38-45.

**Chapter 7:** Enders, M.; **Jeschke, J.M.** A network of invasion hypotheses. Pages 49-59.

**Chapter 8:** **Jeschke, J.M.**; Debille, S.; Lortie, C.J. Biotic resistance and island susceptibility hypotheses. Pages 60-70.

**Chapter 9:** Nordheimer, R.; **Jeschke, J.M.** Disturbance hypothesis. Pages 71-78.

**Chapter 10:** Braga, R.R.; Gómez Aparicio, L.; Heger, T.; Vitule, J.R.S.; **Jeschke, J.M.** Invasional meltdown hypothesis. Pages 79-91.

**Chapter 11:** Heger, T.; **Jeschke, J.M.** Enemy release hypothesis. Pages 92-102.

**Chapter 13:** **Jeschke, J.M.**; Pyšek, P. Tens rule. Pages 124-132.


**Chapter 14:** Torchyk, O.; **Jeschke, J.M.** Phenotypic plasticity hypothesis. Pages 133-139.

**Chapter 15:** **Jeschke, J.M.**; Erhard, F. Darwin's naturalization & limiting similarity hypotheses. Pages 140-146.

**Chapter 16:** **Jeschke, J.M.**; Starzer, J. Propagule pressure hypothesis. Pages 147-153.

**Chapter 17:** **Jeschke, J.M.**; Heger, T. Synthesis. Pages 157-166.

**Chapter 18:** Heger, T.; **Jeschke, J.M.** Conclusions and outlook. Pages 167-172.

 **Highly Cited Paper** Bacher, S.; Blackburn, T.M.; Essl, F.; Genovesi, P.; Heikkilä, J.; **Jeschke, J.M.**; Jones, G.; Keller, R.; Kenis, M.; Kueffer, C.; Martinou, A.F.; Nentwig, W.; Pergl, J.; Pyšek, P.; Rabitsch, W.; Richardson, D.M.; Roy, H.E.; Saul, W.-C.; Scalera, R.; Vilà, M.; Wilson, J.R.U.; Kumschick, S. 2018. Socio-economic impact classification of alien taxa (SEICAT). *Methods in Ecology and Evolution* 9, 159-168.

Bellard, C.; **Jeschke, J.M.**; Leroy, B.; Mace, G.M. 2018. Insights from modelling studies on how climate change affects invasive alien species geography. *Ecology and Evolution* 8, 5688-5700.

Braga, R.R.; Gómez-Aparicio, L.; Heger, T.; Vitule, J.R.S.; **Jeschke, J.M.** 2018. Structuring evidence for invasional meltdown: broad support but with biases and gaps. *Biological Invasions* 20, 923-936.

Enders, M.; Hütt, M.-T.; **Jeschke, J.M.** 2018. Drawing a map of invasion biology based on a network of hypotheses. *Ecosphere* 9, e02146.

Essl, F.; Bacher, S.; Genovesi, P.; Hulme, P.E.; **Jeschke, J.M.**; Katsanevakis, S.; Kowarik, I.; Kühn, I.; Pyšek, P.; Rabitsch, W.; Schindler, S.; van Kleunen, M.; Vilà, M.; Wilson, J.R.U.; Richardson, D.M. 2018. Which taxa are alien? Criteria, applications, and uncertainties. *BioScience* 68, 496-509.

Linzmaier, S.M.; Goebel, L.S.; Ruland, F.; **Jeschke, J.M.** 2018. Behavioral differences in an over-invasion scenario: marbled vs. spiny-cheek crayfish. *Ecosphere* 9, e02385.

Pauchard, A.; Meyerson, L.A.; Bacher, S.; Blackburn, T.M.; Brundu, G.; Cadotte, M.; Courchamp, F.; Essl, F.; Genovesi, P.; Haider, S.; Holmes, N.D.; Hulme, P.; **Jeschke, J.M.**; Lockwood, J.L.; Novoa, A.; Nuñez, M.A.; Peltzer, D.A.; Pyšek, P.; Richardson, D.M.; Simberloff, D.; Smith, K.; van Wilgen, B.W.; Vilà, M.; Wilson, J.R.U.; Winter, M.; Zenni, R.D. 2018. Biodiversity assessments: origin matters. *PLoS Biology* 16, e2006686.

Rabitsch, W.; Heger, T.; **Jeschke, J.**; Saul, W.-C.; Nehring, S. 2018. Analyse und Priorisierung der Pfade nicht vorsätzlicher Einbringung und Ausbreitung invasiver gebietsfremder Arten in

Deutschland gemäß Verordnung (EU) Nr. 1143/2014. Analysis and prioritisation of pathways of unintentional introduction and spread of invasive alien species in Germany in accordance with Regulation (EU) No 1143/2014. *BfN-Skripten* 490, 1-103.

Rabitsch, W.; Heger, T.; **Jeschke, J.**; Saul, W.-C. 2018. Priorisierung der Pfade nicht vorsätzlicher Einbringung und Ausbreitung invasiver gebietsfremder Arten in Deutschland. *Natur und Landschaft* 93, 416-422.

Roy, H.E.; Groom, Q.; Adriaens, T.; Agnello, G.; Antic, M.; Archambeau, A.-S.; Bacher, S.; Bonn, A.; Brown, P.; Brundu, G.; Claramunt López, B.; Cleary, M.; Cogălniceanu, D.; de Groot, M.; De Sousa, T.; Deidun, A.; Essl, F.; Fišer Pečnikar, Ž.; Gazda, A.; Gervasini, E.; Glavendekic, M.M.; Gigot, G.; Jelaska, S.D.; **Jeschke, J.M.**; Kaminski, D.; Karachle, P.K.; Komives, T.; Lapin, K.; Lucy, F.; Marchante, E.; Marisavljevic, D.; Marja, R.; Martín Torrijos, L.; Martinou, A.; Matosevic, D.; Mifsud, C.M.; Motiejūnaitė, J.; Ojaveer, H.; Pasalic, N.; Pekárik, L.; Per, E.; Pergl, J.; Pesic, V.; Pocock, M.; Reino, L.; Ries, C.; Rozyłowicz, L.; Schade, S.; Sigurdsson, S.; Steinitz, O.; Stern, N.; Teofilovski, A.; Thorsson, J.; Tomov, R.; Tricarico, E.; Trichkova, T.; Tsiamis, K.; van Valkenburg, J.; Vella, N.; Verbrugge, L.; Véték, G.; Villaverde, C.; Witzell, J.; Zenetos, A.; Cardoso, A.-C. 2018. Increasing understanding of alien species through citizen science (Alien-CSI). *Research Ideas and Outcomes* 4, e31412.



Highly Cited Paper



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Altmetric

Seebens, H.; Blackburn, T.M.; Dyer, E.E.; Genovesi, P.; Hulme, P.E.; **Jeschke, J.M.**; Pagad, S.; Pyšek, P.; van Kleunen, M.; Winter, M.; Arianoutsou, M.; Bacher, S.; Blasius, B.; Brockerhoff, E.G.; Brundu, G.; Capinha, C.; Causton, C.E.; Celesti-Grappow, L.; Dawson, W.; Dullinger, S.; Economo, E.P.; Fuentes, N.; Guénard, B.; Jäger, H.; Kartesz, J.; Kenis, M.; Kühn, I.; Lenzner, B.; Liebhold, A.; Mosena, A.; Moser, D.; Nentwig, W.; Nishino, M.; Pearman, D.; Pergl, J.; Rabitsch, W.; Rojas-Sandoval, J.; Roques, A.; Rorke, S.; Rossinelli, S.; Roy, H.E.; Scalera, R.; Schindler, S.; Štajerová, K.; Tokarska-Guzik, B.; Walker, K.; Ward, D.F.; Yamanaka, T.; Essl, F. 2018. Global rise in emerging alien species results from increased accessibility of new source pools. *Proceedings of the National Academy of Sciences USA* 115, E2264-E2273.

Courchamp, F.; Fournier, A.; Bellard, C.; Bertelsmeier, C.; Bonnaud, E.; **Jeschke, J.M.**; Russell, J.C. 2017. Invasion biology: specific problems and possible solutions. *Trends in Ecology & Evolution* 32, 13-22.

Essl, F.; Hulme, P.E.; **Jeschke, J.M.**; Keller, R.; Pyšek, P.; Richardson, D.M.; Saul, W.-C.; Bacher, S.; Dullinger, S.; Estévez, R.A.; Kueffer, C.; Roy, H.E.; Seebens, H.; Rabitsch, W. 2017. Scientific and normative foundations for the valuation of alien species impacts: thirteen core principles. *BioScience* 67, 166-178.



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Latombe, G.; Pyšek, P.; **Jeschke, J.M.**; Blackburn, T.M.; Bacher, S.; Capinha, C.; Costello, M.J.; Fernández, M.; Gregory, R.D.; Hobern, D.; Hui, C.; Jetz, W.; Kumschick, S.; McGrannachan, C.; Pergl, J.; Roy, H.E.; Scalera, R.; Squires, Z.E.; Wilson, J.R.U.; Winter, M.; Genovesi, P.; McGeoch, M.A. 2017. A vision for global monitoring of biological invasions. *Biological Conservation* 213, 295-308.

Penk, M.; Saul, W.-C.; Dick, J.T.A.; Donohue, I.; Alexander, M.E.; Linzmaier, S.; **Jeschke, J.M.** 2017. A trophic interaction framework for identifying the invasive capacity of novel organisms. *Methods in Ecology and Evolution* 8, 1786-1794.

This paper was selected for the Virtual Issue *Biodiversity and Ecosystem Services* of the British Ecological Society jointly with the Ecological Society of America and (published August 2017).

Pergl, J.; Pyšek, P.; Bacher, S.; Essl, F.; Genovesi, P.; Harrower, C.A.; Hulme, P.E.; **Jeschke, J.M.**; Kenis, M.; Kühn, I.; Perglová, I.; Rabitsch, W.; Roques, A.; Roy, D.B.; Roy, H.E.; Vilà, M.; Winter, M.; Nentwig, W. 2017. Troubling travellers: are ecologically harmful alien species associated with particular introduction pathways? *NeoBiota* 32, 1-20.



50 Highly Cited Paper



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Ricciardi, A.; Blackburn, T.M.; Carlton, J.T.; Dick, J.T.A.; Hulme, P.E.; Iacarella, J.C.; **Jeschke, J.M.**; Liebhold, A.M.; Lockwood, J.L.; MacIsaac, H.J.; Pyšek, P.; Richardson, D.M.; Ruiz, G.M.; Simberloff, D.; Sutherland, W.J.; Wardle, D.A.; Aldridge, D.C. 2017.

Invasion science: a horizon scan of emerging challenges and opportunities. *Trends in Ecology & Evolution* 32, 464-474.

Ricciardi, A.; Blackburn, T.M.; Carlton, J.T.; Dick, J.T.A.; Hulme, P.E.; Iacarella, J.C.; **Jeschke, J.M.**; Liebhold, A.M.; Lockwood, J.L.; MacIsaac, H.J.; Pyšek, P.; Richardson, D.M.; Ruiz, G.M.; Simberloff, D.; Sutherland, W.J.; Wardle, D.A.; Aldridge, D.C. 2017. Invasion science: looking forward rather than revisiting old ground – a reply to Zenni *et al.* *Trends in Ecology & Evolution* 32, 809-810.

Saul, W.-C.; Roy, H.E.; Booy, O.; Carnevali, L.; Chen, H.-J.; Genovesi, P.; Harrower, C.A.; Hulme, P.E.; Pagad, S.; Pergl, J.; **Jeschke, J.M.** 2017. Assessing patterns in introduction pathways of alien species by linking major invasion data bases. *Journal of Applied Ecology* 54, 657-669.  
This paper was selected for the Virtual Issue *Invasive Species* (published March 2017) of the British Ecological Society.

**100**  Highly Cited Paper  Altmetric  **nature** Seebens, H.; Blackburn, T.M.; Dyer, E.E.; Genovesi, P.; Hulme, P.E.; **Jeschke, J.M.**; Pagad, S.; Pyšek, P.; Winter, M.; Arianoutsou, M.; Bacher, S.; Blasius, B.; Brundu, G.; Capinha, C.; Celesti-Grapow, L.; Dawson, W.; Dullinger, S.; Fuentes, N.; Jäger, H.; Kartesz, J.; Kenis, M.; Kreft, H.; Kühn, I.; Lenzner, B.; Liebhold, A.; Mosena, A.; Moser, D.; Nishino, M.; Pearman, D.; Pergl, J.; Rabitsch, W.; Rojas-Sandoval, J.; Roques, A.; Rorke, S.; Rossinelli, S.; Roy, H.E.; Scalera, R.; Schindler, S.; Štajerová, K.; Tokarska-Guzik, B.; van Kleunen, M.; Walker, K.; Weigelt, P.; Yamanaka, T.; Essl, F. 2017. No saturation in the accumulation of alien species worldwide. *Nature Communications* 8, 14435.

Strayer, D.L.; D'Antonio, C.M.; Essl, F.; Fowler, M.S.; Geist, J.; Hilt, S.; Jarić, I.; Jöhnk, K.; Jones, C.G.; Lambin, X.; Latzka, A.W.; Pergl, J.; Pyšek, P.; Robertson, P.; von Schmalensee, M.; Stefansson, R.A.; Wright, J.; **Jeschke, J.M.** 2017. Boom-bust dynamics in biological invasions: towards an improved application of the concept. *Ecology Letters* 20, 1337-1350.

Yannelli, F.; Koch, C.; **Jeschke, J.M.**; Kollmann, J. 2017. Limiting similarity and Darwin's naturalization hypothesis: understanding the drivers of biotic resistance against invasive plant species. *Oecologia* 183, 775-784.

 **nature** Bellard, C.; Genovesi, P.; **Jeschke, J.M.** 2016. Global patterns in threats to vertebrates by biological invasions. *Proceedings of the Royal Society B* 283, 20152454.

Bellard, C.; **Jeschke, J.M.** 2016. A spatial mismatch between invader impacts and research publications. *Conservation Biology* 30, 230-232.

Koch, C.; **Jeschke, J.M.**; Overbeck, G.E.; Kollmann, J. 2016. Setting priorities for monitoring and managing non-native plants: towards a practical approach. *Environmental Management* 58, 465-475.




Penk, M.; **Jeschke, J.M.**; Minchin, D.; Donohue, I. 2016. Warming can enhance invasion success through asymmetries in energetic performance. *Journal of Animal Ecology* 85, 419-426.  
This paper was selected for the Virtual Issues *Invasive Species* (March 2017) and *Ecology and Evolution in Ireland* (November 2016) of the British Ecological Society.

**50** Essl, F.; Bacher, S.; Blackburn, T.; Booy, O.; Brundu, G.; Brunel, S.; Cardoso, A.-C.; Eschen, R.; Gallardo, B.; Galil, B.; García-Barthou, E.; Genovesi, P.; Groom, Q.; Harrower, C.; Hulme, P.E.; Katsanevakis, S.; Kenis, M.; Kühn, I.; Kumschick, S.; Martinou, A.F.; Nentwig, W.; O'Flynn, C.; Pagad, S.; Pergl, J.; Pyšek, P.; Rabitsch, W.; Richardson, D.M.; Roques, A.; Roy, H.E.; Scalera, R.; Schindler, S.; Seebens, H.; Vanderhoeven, S.; Vilà, M.; Wilson, J.R.U.; Zenetos, A.; **Jeschke, J.M.** 2015. Crossing frontiers in tackling pathways of biological invasions. *BioScience* 65, 769-782.

González-Suárez, M.; Bacher, S.; **Jeschke, J.M.** 2015. Intraspecific trait variation is correlated with establishment success of alien mammals. *American Naturalist* 185, 737-746.

**50** Hawkins, C.L.; Bacher, S.; Essl, F.; Hulme, P.E.; **Jeschke, J.M.**; Kühn, I.; Kumschick, S.; Nentwig, W.; Pergl, J.; Pyšek, P.; Rabitsch, W.; Richardson, D.M.; Vilà, M.; Wilson, J.R.U.; Genovesi, P.; Blackburn, T.M. 2015. Framework and guidelines for implementing the proposed IUCN Environmental Impact Classification for Alien Taxa (EICAT). *Diversity and Distributions* 21, 1360-1363.



- Heger, T.; Haider, S.; Saul, W.-C.; **Jeschke, J.M.** 2015. Species from different taxonomic groups show similar invasion traits. *Immediate Science Ecology* 3, 1-13.
- 100**  **Highly Cited Paper** Kumschick, S.; Gaertner, M.; Vilà, M.; Essl, F.; **Jeschke, J.M.**; Pyšek, P.; Ricciardi, A.; Bacher, S.; Blackburn, T.M.; Dick, J.T.A.; Evans, T.; Hulme, P.E.; Kühn, I.; Mrugała, A.; Pergl, J.; Rabitsch, W.; Richardson, D.M.; Sendek, A.; Winter, M. 2015. Ecological impacts of alien species: quantification, scope, caveats, and recommendations. *BioScience* 65, 55-63.
- 50** Saul, W.-C.; **Jeschke, J.M.** 2015. Eco-evolutionary experience in novel species interactions. *Ecology Letters* 18, 236-245.
- 50** **Jeschke, J.M.** 2014. General hypotheses in invasion ecology. *Diversity and Distributions* 20, 1229-1234.
- 100**  **Highly Cited Paper** **Jeschke, J.M.**; Bacher, S.; Blackburn, T.M.; Dick, J.T.A.; Essl, F.; Evans, T.; Gaertner, M.; Hulme, P.E.; Kühn, I.; Mrugała, A.; Pergl, J.; Pyšek, P.; Rabitsch, W.; Ricciardi, A.; Richardson, D.M.; Sendek, A.; Vilà, M.; Winter, M.; Kumschick, S. 2014. Defining the impact of non-native species. *Conservation Biology* 28, 1188-1194.  
This article received the *Conservation Biology* Award for the most highly cited paper published in *Conservation Biology* in 2014, considering citations in 2015 and 2016.
- 250**  **Highly Cited Paper**  **Altmetric** Blackburn, T.M.; Essl, F.; Evans, T.; Hulme, P.E.; **Jeschke, J.M.**; Kühn, I.; Kumschick, S.; Marková, Z.; Mrugała, A.; Nentwig, W.; Pergl, J.; Pyšek, P.; Rabitsch, W.; Ricciardi, A.; Richardson, D.M.; Sendek, A.; Vilà, M.; Wilson, J.R.U.; Winter, M.; Genovesi, P.; Bacher, S. 2014. A unified classification of alien species based on the magnitude of their environmental impacts. *PLoS Biology* 12, e1001850.
- Dana, E.D.; **Jeschke, J.M.**; García-de-Lomas, J. 2014. Decision tools for managing biological invasions: existing biases and future needs. *Oryx* 48, 56-63.
- 50** Heger, T.; **Jeschke, J.M.** 2014. The enemy release hypothesis as a hierarchy of hypotheses. *Oikos* 123, 741-750.
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- Jeschke, J.M.** 2013. Invasion ecology. *Basic and Applied Ecology* 14, 713.
- Jeschke, J.M.**; Keesing, F.; Ostfeld, R.S. 2013. Novel organisms: comparing invasive species, GMOs, and emerging pathogens. *Ambio* 42, 541-548.
- Heger, T.; Pahl, A.T.; Botta-Dukat, Z.; Gherardi, F.; Hoppe, C.; Hoste, I.; Jax, K.; Lindström, L.; Boets, P.; Haider, S.; Kollmann, J.; Wittmann, M.J.; **Jeschke, J.M.** 2013. Conceptual frameworks and methods for advancing invasion ecology. *Ambio* 42, 527-540.
- Kollmann, J.; Heger, T.; **Jeschke, J.** 2013. Auswirkungen von Neobiota auf die Biodiversität – eine Frage des Maßstabs, der Artengruppen und ökologischen Mechanismen [Impacts of alien species on biodiversity – a question of scale, taxonomic groups, and ecological mechanisms]. *Berichte der Reinhold-Tüxen-Gesellschaft* 25, 123-131.
- Larson, B.M.H.; Kueffer, C.; **ZiF Working Group on Ecological Novelty.** 2013. Managing invasive species amidst high uncertainty and novelty. *Trends in Ecology & Evolution* 28, 255-256.
- Mason, G.; Burn, C.C.; Dallaire, J.A.; Kroshko, J.; McDonald Kinkaid, H.; **Jeschke, J.M.** 2013. Plastic animals in cages: behavioural flexibility and responses to captivity. *Animal Behaviour* 85, 1113-1126.
- Saul, W.-C.; **Jeschke, J.M.**; Heger, T. 2013. The role of eco-evolutionary experience in invasion success. *NeoBiota* 17, 57-74.
- Wittmann, M.J.; Gabriel, W.; Harz, E.-M.; Laforsch, C.; **Jeschke, J.M.** 2013. Can *Daphnia lumholtzi* invade European lakes? *NeoBiota* 16, 39-57.

- Jeschke, J.M.**; Gómez Aparicio, L.; Haider, S.; Heger, T.; Lortie, C.J.; Pyšek, P.; Strayer, D.L. 2012. Taxonomic bias and lack of cross-taxonomic studies in invasion biology. *Frontiers in Ecology and the Environment* 10, 349-350.
- 100** **Top 10** **Jeschke, J.M.**; Gómez Aparicio, L.; Haider, S.; Heger, T.; Lortie, C.J.; Pyšek, P.; Strayer, D.L. 2012. Support for major hypotheses in invasion biology is uneven and declining. *NeoBiota* 14, 1-20.
- Jeschke, J.M.** 2011. Range modeling. In: Simberloff, D.; Rejmánek, M. (eds.). *Encyclopedia of Biological Invasions*, pp. 568-571. University of California Press, Berkeley.
- Jeschke, J.M.** 2011. What we know and don't know about invasive vertebrates in Europe. *Julius-Kühn-Archiv* 432, 12-13.
- Jeschke, J.M.**; Genovesi, P. 2011. Do biodiversity and human impact influence the introduction or establishment of alien mammals? *Oikos* 120, 57-64.
- Engel, K.; Tollrian, R.; **Jeschke, J.M.** 2011. Integrating biological invasions, climate change and phenotypic plasticity. *Communicative & Integrative Biology* 4, 247-250.
- 50** **Top 10** Keller, R.P.; Geist, J.; **Jeschke, J.M.**; Kühn, I. 2011. Invasive species in Europe: ecology, status, and policy. *Environmental Sciences Europe* 23, 23.
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