

List of publications of book chapters or articles in journals with peer-review process**2014**

138. Schneeberger, K., Courtiol, A., Czirjak, G., Voigt, C.C. (2014) Immune profile predicts survival in a small, long-lived bat, the greater sac-winged bat (*Saccopteryx bilineata*). **PLOS ONE** 9: e108268.
137. Lehnert, L.S., Kramer-Schadt, S., Schönborn, S., Lindecke, O., Niermann, I., Voigt, C.C. (2014) Wind farm facilities in Germany kill noctule bats from near and far. **PLOS ONE** 9: e103106.
136. McCue, M.D., Voigt, C.C., Jefimow, M., Wojciechowski, M.S., (2014) Thermal acclimation and nutritional history affect the oxidation of different classes of exogenous nutrients in Siberian hamsters. *Phodopus sungorus*. **Journal of Experimental Zoology A**. 321: 503-514.
135. Voigt, C.C., Thalwitzer, S., Melzheimer, J., Blanc, A.-S., Jago, M., Wachter, B. (2014) The conflict between cheetahs and humans on Namibian farmland elucidated by stable isotope diet analysis. **PLOS ONE**. 9: e101917.
134. Meyer, C.F., ..., Voigt, C.C., et al. (2014) Species undersampling in tropical bat surveys: effects on emerging biodiversity patterns. **Journal of Animal Ecology** DOI: 10.1111/1365-2656.12261
- 133: von Busse, R., Rye, M.W., Swartz, S.M., Voigt, C.C., Breuer, K.S. (2014) The aerodynamic cost of flight in the short-tailed fruit bat (*Carollia perspicillata*) – comparing theory with measurements. **Journal of the Royal Society Interface**. 11: 20140147.
132. Schneeberger, K., Czirjak, G., Voigt, C.C. (2014) Frugivory is associated with low measures of plasma oxidative stress and high antioxidant concentration in free-ranging bats. **Naturwissenschaften**. 101: 285-290..
131. Voigt, C.C., Lehnert, L.S., Popa-Lisseanu, A.G., Cienachwski, M., Estok, P. Gloza-Rausch, F., Görföl, T., Götsche, M. Harrje, C. Hötzel, M., Teige, T., Wohlgemuth, R., Kramer-Schadt, S. (2014) The trans-boundary importance of artificial bat hibernacula in managed European forests. **Biodiversity and Conservation** 23: 617-631.
130. Lewanzik, D., Voigt, C.C. (2014) Artificial light at night puts ecosystem services of frugivorous bats at risk. **Journal of Applied Ecology**. 51: 388-394.
129. Voigt, C.C., Helbig-Bonitz, M., Kramer-Schadt, S., Kalko, E.K.V. (2014) The third dimension of bat migration: elevational movements of *Miniopterus natalensis* along the slopes of Mount Kilimanjaro. **Oecologia** doi: 10.1007/s00442-013-2819-0.

128. Voigt, C.C., Klöckner, P., Touma, C., Neuschl, C., Brockmann, G., Göritz, F., Palme, R., Thomsen, R. (2013) Hormonal stress response of laboratory mice to conventional and minimally invasive bleeding techniques. **Animal Welfare** 22: 449-455.
127. Ghanem, S.J., Voigt, C.C. (2013) Defaunation of tropical forests reduces habitat quality for seed-dispersing bats in Western Amazonia: An unexpected connection via mineral licks. **Animal Conservation**. 17: 44-51.

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126. Greiner, S., Nagy, M., Knörnschild, M., Hofer, H., Voigt, C.C. (2013) Sex-biased senescence in a polygynous bat species. **Ethology**. 119: 1-9.
125. Schneeberger, K., Czirjak, G.A., Voigt, C.C. (2013) Inflammatory challenge increases measures of oxidative stress in a free-ranging, long-lived mammal. **Journal of Experimental Biology** 216: 4514-4519.
124. Lehmann, D., Mfune, J.K.E., Gewers, E., Cloete, J., Brain, C., Voigt, C.C. (2013) Dietary plasticity of generalist and specialist ungulates in the Namibian desert: A stable isotope approach. **PLOS ONE**. 8: e72190.
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121. Otalora-Ardila, A., Herrera, L.G., Flores-Martinez, J.J., Voigt, C.C. (2013) Marine and terrestrial food sources in the diet of the Myotis fishing bat (*Myotis vivesi*). **Journal of Mammalogy**. 94: 1102-1110.
120. Voigt, C.C. (2013) Sexual selection in neotropical bats. In: **Sexual selection – Perspectives and Models from the Neotropics** (eds. R.H. Machado, G. Machado). Elsevier. In press
119. Klöckner, P., Stefanski, Voigt, C.C. (2013) Testing blood-sucking bugs (Triatominae; Heteroptera) as a blood-sampling technique to evaluate white blood cell subsets. In: **Proceedings of the International Conference on Diseases of Zoo and Wild Animals**. (Wibbelt, G., Schumann, A. eds). In press
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116. Dechmann, D.K.N., Wikelski, M., van Noordwijk, H.J., Voigt, C.C., Voigt-Heucke S.L.(2013) High metabolic costs of bat echolocation in a non-foraging context supports role for communication. **Frontiers in Integrative Physiology**. 4: article 66
115. von Busse, R., Swartz, S., Voigt, C.C. (2013) Flight metabolism in relation to speed in Chiroptera: Testing the U-shape paradigm in the short-tailed fruit bat *Carollia perspicillata*. **Journal of Experimental Biology** 216: 2073-2080
114. Voigt, C.C. (2013) Bat flight with bad wings: Is flight metabolism affected by damaged wings. **Journal of Experimental Biology** 216: 1516-1521
113. Ghanem, S.J., Ruppert, H., Kunz, T.H., Voigt, C.C. (2013) Frugivorous bats drink nutrient- and clay-enriched water in the Amazon rain forest: support for a dual function of mineral-lick visits. **Journal of Tropical Ecology** 29: 1-10.
112. Schneeberger, K., Czirják, G., Voigt, C.C. (2013) Measures of the constitutive immune system are linked to diet and roosting habits of Neotropical bat species. **PLoS ONE** 8: e54023.
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105. Schad, J., Dechmann, D.K.N., Voigt, C.C., Sommer, S. (2012) Evidence for the 'Good Genes' Model: Association of MHC Class II DRB Alleles with Ectoparasitism and reproductive state in the Neotropical lesser bulldog bat, *Noctilio albiventris*. **PLoS ONE** 7: e37101
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103. Voigt, C.C., Popa-Lisseanu, A., Niermann, I., Kramer-Schadt, S. (2012) The catchment area of wind farms for European bats: A plea for international regulations. **Biological Conservation** 153: 80-86.
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99. Nagy M., Knörnschild M., Voigt, C.C., Mayer F. (2012) Male greater sac-winged bats gain direct fitness benefits when roosting in multi-male colonies. **Behavioral Ecology** 23: 597-606.
98. Ghanem, S.J., Voigt, C.C. (2012) Increasing awareness of ecosystem services provided by bats. **Advances in the Study of Behavior** 44: 279-302.
97. Dumont, E.R., Dávalos, L.M., Goldberg, A., Santana, S.E., Rex, K., Voigt, C.C. (2012) Morphological innovation, diversification and invasion of a new adaptive zone. **Proceedings of the Royal Society London: Biological Sciences** 279: 1797-1805.
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93. Popa-Lisseanu A.G., Soergel, K., Luckner, A., Wassenaar, L.I., Ibáñez, C., Ciechanowski, M., Görföl, T., Niermann, I., Beuneux, G., Myslajek, R., Juste, J.,

Fonderflick, J., Kramer-Schadt, S., Kelm, D.H., Voigt, C.C. (2012) A triple isotope approach to predict breeding origins of European bats. **PLoS ONE** 7: e38083

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89. Caspers, B.A., Schröder, F.C., Franke, S., Voigt, C.C. (2011) Scents of adolescence: the maturation of wing sac odour in greater sac-winged bats, *Saccopteryx bilineata*. **PLoS ONE** 6: e21162.
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