

1. Anastasiou, A., Jones, T.W., Mullan, P., Ross, E.Z., and **Howatson, G.** (2019). Descriptive Analysis of Olympic Class Windsurfing Competition during the 2017-2018 Regatta Season. *International Journal of Performance Analysis in Sport*, 19(4), 517-529. <https://doi.org/10.1080/24748668.2019.1631054> (0.200)
2. Andsell, P., Brownstein, C., Škarabot, J., Hicks, K.M., Simoes, D., Thomas, K., **Howatson, G.**, Hunter, S., and Goodall, S. (2019). Menstrual cycle-associated modulations in neuromuscular function and fatigability of the knee extensors in eumenorrheic women. *Journal of Applied Physiology*, 126(6), 1701-1712. <http://doi.org/10.1152/japplphysiol.01041.2018> (0.111)
3. Ansdell, P., Brownstein, C.G., Škarabot, J., Hicks, K.M., **Howatson, G.**, Thomas, K., Hunter, S.K., and Goodall, S. (2019). Methodological issues influence determination of critical force during intermittent exercise: authors' reply. *Journal of Physiology*, 597(24), 5987-5989. <https://doi.org/10.1113/JP279085> (0.125)
4. Ansdell, P., Brownstein, C.G., Škarabot, J., Hicks, K.M., **Howatson, G.**, Thomas, K., Hunter, S.K., and Goodall, S. (2019). Sex differences in fatigability and recovery relative to the intensity-duration relationship. *Journal of Physiology*, 597(23), 5577-5595. <https://doi.org/10.1113/JP278699> (0.125)
5. Baillie, C., **Welicky, R.L., Hadfield, K.A., Smit, N.J.**, Mariani, S., and Beck, R.M.D. (2019). Hooked on you: shape of attachment structures in cymothoid isopods reflects parasitic strategy. *BMC Evolutionary Biology*, 19(207). <https://doi.org/10.1186/s12862-019-1533-x> (0.500)
6. Bird, M.S., Mlambo, M.C., Wasserman, R.J., Dalu, T., Holland, A.J., Day, J.A., Villet, M.H., Bilton, D.T., Barber-James, H.M., and **Brendonck, L.** (2019). Deeper knowledge of shallow waters: reviewing the invertebrate fauna of southern African temporary wetlands. *Hydrobiologia*, 827, 89-121. <https://doi.org/10.1007/s10750-018-3772-z> (0.100)
7. Blagrove, R.C., **Howatson, G.**, and Hayes, P.R. (2019). Use of loaded conditioning activities to potentiate middle- and long-distance performance: a narrative review and practical applications. *Journal of Strength and Conditioning Research*, 33(8), 2288-2297. <http://doi.org/10.1519/JSC.0000000000002456> (0.333)
8. Blagrove, R.C., **Howatson, G.**, Pedlar, C.R., and Hayes, P.R. (2019). Quantification of aerobic determinants of performance in post-pubertal adolescent middle-distance runners. *European Journal of Applied Physiology*, 119(8), 1865-1874. <https://doi.org/10.1007/s00421-019-04175-w> (0.250)
9. Blagrove, R.C., Powell, K., Patterson, S., **Howatson, G.**, and Hayes, P. (2019). Efficacy of depth jumps to elicit a post-activation performance enhancement in junior endurance runners. *Journal of Science and Medicine in Sports*, 22(2), 239-244. <https://doi.org/10.1016/j.jss.2018.07.023> (0.200)
10. **Botha, T.L., Brand, S.J., Ikenaka, Y.**, Nakayama, S.M.M., Ishizuka, M., and **Wepener, V.** (2019). How toxic is a non-toxic nanomaterial: Behaviour as an indicator of effect in *Danio rerio* exposed to nanogold. *Aquatic Toxicology*, 215, 105287. <http://doi.org/10.1016/j.aquatox.2019.105287> (0.667)
11. **Botha, T.L.**, Elemike, E.E., **Horn, S.**, Onwudiwe, D.C., Giesy, J.P., and **Wepener, V.** (2019). Cytotoxicity of Ag, Au and Ag-Au bimetallic nanoparticles prepared using golden rod (*Solidago canadensis*) plant extract. *Scientific Reports*, 9, 4169. <http://doi.org/10.1038/s41598-019-40816-y> (0.500)

12. Bouwman, H., Yohannes, Y.B., Nakayama, S.M.M., Motohira, K., Ishizuka M., Humphries, M.S., van der Schyff, V., du Preez, M., Dinkelmann, A., and Ikenaka, Y. (2019). Evidence of impacts from DDT in pelican, cormorant, stork, and egret eggs from KwaZulu-Natal, South Africa. *Chemosphere*, 225, 647-658. <http://doi.org/10.1016/j.chemosphere.2019.03.043> (0.100)
13. Brand, S.J., Erasmus, J.H., Labuschagne, M., Grabner, D., Nachev, M., Zimmerman, S., Wepener, V., Smit, N.J., and Sures, B. (2019). Bioaccumulation and metal-associated biomarker responses in freshwater mussel, *Dreissena polymorpha*, following short-term platinum exposure. *Environmental Pollution*, 246, 69-78. <https://doi.org/10.1016/j.envpol.2018.11.061> (0.556)
14. Brown, M.A., Stevenson, E.J., and Howatson, G. (2019). Montmorency tart cherry (*Prunus cerasus* L.) supplementation accelerates recovery from exercise-induced muscle damage in females. *European Journal of Sport Sciences*, 19(1), 95-102. <http://doi.org/10.1080/17461391.2018.1502360> (0.333)
15. Brownstein, C.G., Ansdell, P., Škarabot, J., McHugh, M.P., Howatson, G., Goodall, S., and Thomas, K. (2019). The effect of phase change material on recovery of neuromuscular function following competitive soccer match-play. *Frontiers in Physiology*, 6, 10:647. <http://doi.org/10.3389/fphys.2019.00647> (0.143)
16. Bruce, N.L., and Shimomura, M. (2019). A new species and genus of deep-water marine cirolanid isopod (Crustacea: Isopoda: Cirolanidae) from the Philippines. *Raffles Bulletin of Zoology*, 67, 1-13. <http://doi.org/10.26107/RBZ-2019-0001> (0.500)
17. Bruce, N.L., Welicky, R.L., Hadfield, K.A., and Smit, N.J. (2019). A new genus and species of fish parasitic cymothoid (Crustacea, Isopoda) from the Indian Ocean coast of South Africa, with a key to the externally attaching genera of Cymothoidae. *Zookeys*, 889, 1-15. <https://doi.org/10.3897/zookeys.889.38638> (1.000)
18. Drane, A.L., Atencia, R., Cooper, S., Rodriguez, P., Sanchez, C., Simcox, S., Feltner, Y., Peck, B., Eng, J., Moittie, S., Unwin, S., Howatson, G., Oxborough, D., Stemberge, M.R., and Shave, R.E. (2019). Cardiac structure and function characterized across age groups and between sexes in healthy wild-born captive chimpanzees (*Pan troglodytes*) living in sanctuaries. *American Journal of Veterinary Research*, 80(6), 547-557. <https://doi.org/10.2460/ajvr.80.6.547> (0.067)
19. Drane, A.L., Atencia, R., Cooper, S-M., Rodriguez, P., Sanchez, C., Simcox, S., Feltner, Y., Peck, B., Eng, J., Moittie, S., Unwin, S., Howatson, G., Oxborough, D., Stemberge, M., and Shave, R. (2019). The influence of age and sex upon cardiac structure and function in wild-born captive chimpanzees (*Pan troglodytes*). *Journal of the American Veterinary Medical Association*, 80, 547-557. <http://doi.org/10.2460/ajvr.80.6.547> (0.067)
20. Dube, T., Pinceel, T., De Necker, L., Wepener, V., Lemmens, P., and Brendonck, L. (2019). Lateral hydrological connectivity differentially affects the community characteristics of multiple groups of aquatic invertebrates in tropical wetland pans in South Africa. *Freshwater Biology*, 64, 2189-2203. <http://doi.org/10.1111/fwb.13406> (0.500)
21. Elemike, E.E., Onwudiwe, D.C., Fayemi, O.E., and Botha, T.L. (2019). Green synthesis and electrochemistry of Ag, Au, and Ag–Au bimetallic nanoparticles using golden rod (*Solidago canadensis*) leaf extract. *Applied Physics A*, 125(42), 1-12. <https://doi.org/10.1007/s00339-018-2348-0> (0.250)

- 22.** Erasmus, J.H., Malherbe, W., Gerber, R., Weyl, O.L.F., Sures, B., Wepener, V., and Smit, N.J. (2019). First record of *Labeo capensis* (Smith, 1841) in the Crocodile River (West) system: another successful non-native freshwater fish introduction in South Africa. *African Journal of Aquatic Science*, 44(2), 177-181. <https://doi.org/10.2989/16085914.2019.1616529> (0.714)
- 23.** Fraaije, R.H.B., López-Horgue, M.A., Bruce, N.L., van Bakel, B.W.M., Artal, P., Jagt, J.W.M., and Klompmaker, A.A. 2019. New isopod and achelatan crustaceans from mid-Cretaceous reefal limestones in the Basque-Cantabrian Basin, northern Spain. *Cretaceous Research*, 101, 61-69. <https://doi.org/10.1016/j.cretres.2019.04.012> (0.143)
- 24.** Frazer, A.K., Howatson, G., Ahtiainen, J.P., Avela, J., Rantalainen, T., and Kidgell, D.J. (2019). Priming the motor cortex with anodal tDCS affects the acute inhibitory corticospinal responses to strength training. *Journal of Strength and Conditioning Research*, 33(2), 307-317. <http://doi.org/10.1519/JSC.0000000000002959> (0.167)
- 25.** Greeff-Laubscher, M.R., Christison, K.W., and Smit, N.J. (2019). First Record of the Water Mold *Achlya bisexualis* (Saprolegniaceae) Isolated from Ornamental Fish in South Africa. *Journal of Aquatic Animal Health*, 31(4), 354-363. <https://doi.org/10.1002/aah.10088> (0.667)
- 26.** Grutter, A.S., Blomberg, S.P., Box, S., Bshary, R., Ho, O., Madin, E.M.P., McClure, E.C., Meekan, M.G., Murphy, J.M., Richardson, M.A., Sikkel, P.C., Sims, C.A., Sun, D., and Warner, R.R. (2019). Changes in local free-living parasite populations in response to cleaner manipulation over 12 years. *Oecologia*, 190(4), 783-797. <https://doi.org/10.1007/s00442-019-04451-8> (0.071)
- 27.** Hadfield, K.A., Schizas, N.V., Chatterjee, T., and Smit, N.J. (2019). *Gnathia bermudensis* (Crustacea, Isopoda, Gnathiidae), a new species from the mesophotic reefs of Bermuda, with a key to Gnathia from the Greater Caribbean biogeographic region. *Zookeys*, 891, 1-16. <https://doi.org/10.3897/zookeys.891.39564> (0.500)
- 28.** Harden, M., Wolf, A., Haff, G.G., Hicks, K.M., and Howatson, G. (2019). Repeatability and specificity of eccentric force output and the implications for eccentric training load prescription. *Journal of Strength and Conditioning Research*, 33(3), 676-683. <http://doi.org/10.1519/JSC.0000000000002965> (0.200)
- 29.** Hayes, P.M., and Smit, N.J. (2019). Molecular insights into the identification and phylogenetics of the cosmopolitan marine fish blood parasite, *Haemogregarina bigemina* (Adeleorina: Haemogregarinidae). *International Journal of Parasitology: Parasites & Wildlife*, 8, 216-220. <https://doi.org/10.1016/j.ijppaw.2019.01.006> (0.500)
- 30.** Hirano, T., Minagawa, S., Furusawa, Y., Yunoki, T., Ikenaka, Y., Yokoyama, T., Hoshi, N., and Tabuchi, Y. (2019). Growth and neurite stimulating effects of the neonicotinoid pesticide clothianidin on human neuroblastoma SH-SY5Y cells. *Toxicology and Applied Pharmacology*, 383, 114777. <http://doi.org/10.1016/j.taap.2019.114777> (0.125)
- 31.** Hoogendoorn, C., Smit, N.J., and Kudlai, O. (2019). Molecular and morphological characterisation of four diplostomid metacercariae infecting *Tilapia sparrmanii* (Perciformes: Cichlidae) in the North West Province, South Africa. *Parasitology Research*, 118(5), 1403-1416. <http://doi.org/10.1007/s00436-019-06285-y> (1.000)
- 32.** Ichikawa, G., Kurabayashi, R., Ikenaka, Y., Ichise, T., Nakayama, S.M.M., Ishizuka, M., Taira, K., Fujioka, K., Sairenchi, T., Kobashi, G., Bonmatin, J-M., and Yoshihara, S. (2019). LC-ESI/MS/MS analysis of neonicotinoids in urine of very low birth weight infants at birth. *PLoS ONE*, 14(7), e0219208. <http://doi.org/10.1371/journal.pone.0219208> (0.083)

- 33.** Ikenaka, Y., Miyabara, Y., Ichise, T., Nakayama, S., Nimako, C., Ishizuka, M., and Tohyama, C. (2019). Exposures of Children to Neonicotinoids in Pine Wilt Disease Control Areas. *Environmental Chemistry*, 38(1), 71-79. <http://doi.org/10.1002/etc.4316> (0.143)
- 34.** Jones, T.W., Petersen, N., and Howatson, G. (2019). Optimisation of exercise countermeasures for human space flight - operational considerations for concurrent strength and aerobic Training. *Frontiers in Physiology*, 10: Article 584. <http://doi.org/10.3389/fphys.2019.00584> (0.333)
- 35.** Kawai, Y.K., Shinya, S., Ikenaka, Y., Saengtienchai, A., Kondo, T., Darwish, W.S., Nakayama, S.M.M., Mizukawa, H., and Ishizuka, M. (2019). Characterization of function and genetic feature of UDP-glucuronosyltransferase in avian species. *Comparative Biochemistry and Physiology, Part C*, 217, 5-14. <https://doi.org/10.1016/j.cbpc.2018.11.001> (0.111)
- 36.** Kemp, M., Wepener, V., and Wolmarans, C.T. (2019). 'n Algemene oorsig van die makroinvertebraatdiversiteit van die Maricorivier, Noordwes Provincie, Suid Afrika. *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie*, 38(1), 690. www.satnt.ac.za/index.php/satnt/article/view/690 (1.000)
- 37.** Khidkhana, K., Mizukawa, H., Ikenaka, Y., Nakayama, S.M.M., Nomiyama, K., Yokoyama, N., Ichii, O., Darwish, W.S., Takiguchi, M., Tanabe, S., and Ishizuka, M. (2019). Tissue distribution and characterization of feline cytochrome P450 genes related to polychlorinated biphenyl exposure. *Comparative Biochemistry and Physiology, Part C*, 226, 108613. <http://doi.org/10.1016/j.cbpc.2019.108613> (0.091)
- 38.** Kimble, R., Keane, K.M., Lodge, J., and Howatson, G. (2019). Dietary intake of anthocyanins and risk of cardiovascular disease: a systematic review and meta-analysis of prospective cohort studies. *Critical Reviews in Food Science and Nutrition*, 59(18), 3032-3043. <http://doi.org/10.1080/10408398.2018.1509835> (0.250)
- 39.** Kimble, R., Keane, K.M., Lodge, J., and Howatson, G. (2019). Methodological considerations for a vascular function test battery. *International Journal of Sports Medicine*, 40(9), 601-608. <http://doi.org/10.1055/a-0946-1293> (0.250)
- 40.** Kock, A., Taylor, J., and Malherbe, W. (2019). Diatom community structure and relationship with water quality in Lake Sibaya, KwaZulu-Natal, South Africa. *South African Journal of Botany*, 123, 161-169. <https://doi.org/10.1016/j.sajb.2019.03.013> (0.667)
- 41.** Kordi, M., Folland, J., Goodall, S., Barratt, P., and Howatson, G. (2019). Isovelocity vs isoinertial sprint cycling tests for power- and torque-cadence relationships. *International Journal of Sports Medicine*, 40(14), 897-902. <http://doi.org/10.1055/a-0989-2387> (0.200)
- 42.** Kordi, M., Folland, J., Goodall, S., Barratt, P., and Howatson, G. (2019). Reliability of traditional and task specific reference tasks to assess peak muscle activation during two different sprint cycling tests. *Journal of Electromyography and Kinesiology*, 46, 41-48. <http://doi.org/10.1016/j.jelekin.2019.03.008> (0.200)
- 43.** Kordi, M., Haralabidis, N., Huby, M., Barrett, P.R., Howatson, G., and Wheat, J.S. (2019). Reliability and validity of Depth-Camera 3D scanning to determine thigh volume. *Journal of Sports Sciences*, 37(1), 36-41. <http://doi.org/10.1080/02640414.2018.1480857> (0.167)
- 44.** Kwiecien, S., Mathew, S., Howatson, G., and McHugh, M.P. (2019). The effect of icing with varying degrees of compression on quadriceps intramuscular temperature. *Scandinavian Journal of Medicine and Science in Sports*, 29, 1109-1114. <https://doi.org/10.1111/sms.13430> (0.250)

45. Kwiecien, S.Y., McHugh, M.P., Goodall, S., Hicks, K., Hunter, A.M., and Howatson, G. (2019). Exploring the efficacy of a safe cryotherapy alternative: physiological temperature changes from cold water immersion vs prolonged phase change material cooling. *International Journal of Sports Physiology and Performance*, 14, 1288-1296. <http://doi.org/10.1123/ijsp.2018-0763> (0.167)
46. Leeder, J.D.C., van Someren, K.A., and Howatson, G. (2019). Cold water immersion improves recovery of sprint speed following a simulated tournament. *European Journal of Sport Science*, 19(9), 1166-1174. <http://doi.org/10.1080/17461391.2019.1585478> (0.333)
47. Lisitsyna, O.I., Kudlai, O., Smit, N.J., and Cribb, T.H. (2019). Three new species of acanthocephalans (Palaeacanthocephala) from marine fishes collected off the East Coast of South Africa. *Folia Parasitologica*, 66(012), 1-20. <https://doi.org/10.14411/fp.2019.012> (0.500)
48. Lisitsyna, O.I., Kudlai, O., Spraker, T.R., Tkach, V.V., Smales, L.R. and Kuzmina, T.A. (2019). Morphological and molecular evidence for synonymy of *Corynosoma obtusencens* Lincicome, 1943 with *Corynosoma australe* Johnston, 1937 (Acanthocephala: Polymorphidae). *Systematic Parasitology*, 96(1), 95-110. <https://doi.org/10.1007/s11230-018-9830-0> (0.167)
49. Lukić, D., Waterkeyn, A., Rabet, N., Mioduchowska, M., Geudens, B., Vanschoenwinkel, B., Brendonck, L., and Pinceel, T. (2019). High genetic variation and phylogeographic relations among Palearctic fairy shrimp populations reflect persistence in multiple southern refugia during Pleistocene ice ages and postglacial colonisation. *Freshwater Biology*, 64, 1896-1907. <http://doi.org/10.1111/fwb.13380> (0.125)
50. Malherbe, W., Christison, K.W., Wepener, V., and Smit, N.J. (2019). Epizootic ulcerative syndrome – First report of evidence from South Africa's largest and premier conservation area, the Kruger National Park. *International Journal for Parasitology: Parasites and Wildlife*, 10, 207-210. <http://doi.org/10.1016/j.ijppaw.2019.08.007> (0.750)
51. Malyutina, M.V., and Bruce, N.L. (2019). The first record of Gnathostenetroididea Kussakin, 1967 from Australian waters with description of four new species of *Gnathostenetroides* Amar, 1957 (Crustacea: Isopoda: Asellota) from the Great Barrier Reef. *Zootaxa*, 4554(2), 301-350. <http://dx.doi.org/10.11646/zootaxa.4554.2.1> (0.500)
52. Mason, J., Frazer, A.K., Pearce, A.J., Goodwill, A.M., Howatson, G., Jaberzadeh, S., and Kidgell, D.J. (2019). Determining the early corticospinal-motoneuronal responses to strength training: A systematic review and meta-analysis. *Reviews in the Neurosciences*, 30(5), 463-476. <http://doi.org/10.1515/revneuro-2018-0054> (0.143)
53. Mason, J., Howatson, G., Frazer, A.K., Pearce, A.J., Jaberzadeh, S., Avela, J., and Kidgell, D.J. (2019). Modulation of intracortical inhibition and excitation in agonist and antagonist muscles following acute strength training. *European Journal of Applied Physiology*, 119(10), 2185-2199. <http://doi.org/10.1007/s00421-019-04203-9> (0.143)
54. McHugh, M.P., Clifford, T., Abbott, W., Kwiecien, S.Y., Krementic, I.J., DeVita, J.J., Howatson, G. (2019). Countermovement jump recovery in professional soccer players using an inertial sensor. *International Journal of Sports Physiology and Performance*, 14, 9-15. <http://doi.org/10.1123/ijsp.2018-0131> (0.143)

- 55.** Motohira, K., Ikenaka, Y., Yohannes, Y.B., Nakayama, S.M.M., Wepener, V., Smit, N.J., Van Vuren, J.H.J., Sousa, A.C., Enuneku, A.A., Ogbomida, E.T., and Ishizuka, M. (2019). Dichlorodiphenyltrichloroethane (DDT) levels in rat livers collected from a malaria vector control region. *Journal of Veterinary Medical Science*, 81(11), 1575-1579. <http://doi.org/10.1292/jvms.19-0168> (0.364)
- 56.** Nakayama, S.M.M., Morita, A., Ikenaka, Y., Mizukawa, H., and Ishizuka, M. (2019). A review: poisoning by anticoagulant rodenticides in non-target animals globally. *Journal of Veterinary Medical Science*, 81(2), 298-313. <http://doi.org/10.1292/jvms.17-0717> (0.200)
- 57.** Nakayama, S.M.M., Nakata, H., Ikenaka, Y., Yabe, J., Oroszlan, B., Yohannes, Y.B., Bortey-Sam, N., Muzandu, K., Choongo, K., Kuritani, T., Nakagawa, M., and Ishizuka M. (2019). One year exposure to Cd- and Pb-contaminated soil causes metal accumulation and alteration of global DNA methylation in rats. *Environmental Pollution*, 252, Part B, 1267-1276. <http://doi.org/10.1016/j.envpol.2019.05.038> (0.083)
- 58.** Nicholson, M.D., Artim, J.D., Hendrick, G.C., Packard, A.J., and Sikkel, P.C. (2019). Fish-parasitic gnathiid isopods metamorphose following invertebrate-derived meal. *Journal of Parasitology*, 105(5), 793-797. <http://doi.org/10.1645/19-59> (0.200)
- 59.** Nobile, A.B., Cunico, A.M., Vitule, J.R.S., Queiroz, J., Vidotto-Magnoni, A.P., Garcia, D.A.Z., Orsi, M.L., Lima, F.P., Acosta, A.A., da Silva, R.J., do Prado, F.D., Porto-Foresti, F., Brand, H., Foresti, F., Oliveira, C., and Ramos, I. P. (2019). Status and recommendations for sustainable freshwater aquaculture in Brazil. *Reviews in Aquaculture*, 11(4), 1-23. <http://doi.org/10.1111/raq.12393> (0.063)
- 60.** Owens, D.J., Twist, C., Cobley, J.N., Howatson, G., and Close, G.L. (2019). Exercise-induced muscle damage: what is it, what causes it and what are the nutritional solutions? *European Journal of Sport Sciences*, 19(1), 71-85. <http://doi.org/10.1080/17461391.2018.1505957> (0.200)
- 61.** Phaka, F.M., Netherlands, E.C., Kruger, D.J.D., and Du Preez, L.H. (2019). Folk taxonomy and indigenous names for frogs in Zululand, South Africa. *Journal of Ethnobiology and Ethnomedicine*, 15(17), 1-8. <https://doi.org/10.1186/s13002-019-0294-3> (0.250)
- 62.** Pheiffer, W., Horn, S., Vogt, T., Giesy, J.P., and Pieters, R. (2019). Receptor-mediated potencies of polycyclic aromatic hydrocarbons in urban sediments: comparisons of toxic equivalency risk assessment. *International Journal of Environmental Science and Technology*, 16, 6405-6418. <http://doi.org/10.1007/s13762-019-02465-6> (0.600)
- 63.** Santos, T.R.N., and Sikkel, P.C. (2019). Habitat associations of fish-parasitic gnathiid isopods in a shallow reef system in the central Philippines. *Marine Biodiversity*, 49, 83-96. <http://doi.org/10.1007/s12526-017-0756-6> (0.500)
- 64.** Schaeffner, B.C. and Smit, N.J. (2019). Parasites of cartilaginous fishes (Chondrichthyes) in South Africa – a neglected field of marine science. *Folia Parasitologica*, 66(2), 1-23. <http://doi.org/10.14411/fp.2019.002> (1.000)
- 65.** Sellers, J.C., Holstein, D.M., Botha, T.L., and Sikkel, P.C. (2019). Lethal and sublethal impacts of a micropredator on post-settlement Caribbean reef fishes. *Oecologia*, 189(2), 293-305. <https://doi.org/10.1007/s00442-018-4262-8> (0.500)
- 66.** Shimomura, M., and Bruce, N.L. (2019). A new species of the mesopelagic isopod genus *Xenuraega* Tattersall, 1909 (Crustacea: Isopoda: Aegidae) from Japan, the second species in the genus. *Zootaxa*, 4683(3), 431-438. <http://doi.org/10.11646/zootaxa.4683.3.7> (0.500)

67. Shodipo, M.O., Gomez, R.D.C., Welicky, R.L., and Sikkel, P.C. (2019). Apparent kleptoparasitism in fish—parasitic gnathiid isopods. *Parasitology Research*, 118(2), 653-655.
[https://doi.org/10.1007/s00436-018-6152-8 \(0.500\)](https://doi.org/10.1007/s00436-018-6152-8)
68. Shoji, A., Elliott, K.H., Aris-Brosou, S., Mizukawa, H., Nakayama, S.M.M., Ikenaka, Y., Ishizuka, M., Kuwae, T., Watanabe, K., Gonzalez, J., and Watanukia, Y. (2019). Biotransport of Metallic Trace Elements from Marine to Terrestrial Ecosystems by Seabirds. *Environmental Toxicology and Chemistry*, 38(1), 106-114. [http://doi.org/10.1002/etc.4286 \(0.091\)](http://doi.org/10.1002/etc.4286)
69. Sikkel, P.C., Richardson, M.A., Sun, D., Narvaez, P., Feeney, W.E., and Grutter, A.S. (2019). Changes in abundance of fish-parasitic gnathiid isopods associated with warm-water bleaching events on the northern Great Barrier Reef. *Coral Reefs*, 38(4), 721-730. [https://doi.org/10.1007/s00338-019-01835-3 \(0.167\)](https://doi.org/10.1007/s00338-019-01835-3)
70. Škarabot, J., Andsell, P., Brownstein, C., Hicks, K.M., Howatson, G., Goodall, S., and Durbaba, R. (2019). Corticospinal control of tibialis anterior and soleus differs during passive ankle movement. *Experimental Brain Research*, 237(9), 2239-2254. [https://doi.org/10.1007/s00221-019-05590-3 \(0.167\)](https://doi.org/10.1007/s00221-019-05590-3)
71. Škarabot, J., Andsell, P., Brownstein, C., Hicks, K.M., Howatson, G., Thomas, K., Goodall, S., and Durbaba, R. (2019). Reduced corticospinal responses in older compared to younger adults during submaximal isometric, shortening and lengthening contractions. *Journal of Applied Physiology*, 126(4), 1015-1031. [http://doi.org/10.1152/japplphysiol.00987.2018 \(0.125\)](http://doi.org/10.1152/japplphysiol.00987.2018)
72. Škarabot, J., Andsell, P., Brownstein, C., Howatson, G., Thomas, K., Goodall, S., and Durbaba, R. (2019). Electrical stimulation of human corticospinal axons at the level of the lumbar spinal segments. *European Journal of Neuroscience*, 49, 1254-1267. [https://doi.org/10.1111/ejn.14321 \(0.143\)](https://doi.org/10.1111/ejn.14321)
73. South, J., Botha, T.L., Wolmarans, N.J., Wepener, V., and Weyl, O.L.F. (2019). Assessing predator-prey interactions in a chemically altered aquatic environment: the effects of DDT on *Xenopus laevis* and *Culex* sp. larvae interactions and behaviour. *Ecotoxicology*, 28(7), 771-780.
[http://doi.org/10.1007/s10646-019-02075-5 \(0.600\)](http://doi.org/10.1007/s10646-019-02075-5)
74. Svavarsson, J., and Bruce, N.L. (2019). New gnathiid isopod crustaceans (Cymothoida) from Heron Island and Wistari reef, southern Great Barrier Reef. *Zootaxa*, 4609, 31-67.
[http://dx.doi.org/10.11646/zootaxa.4609.1.2 \(0.500\)](http://dx.doi.org/10.11646/zootaxa.4609.1.2)
75. Svitin, R., Truter, M., Kudlai, O., Smit, N.J., and Du Preez, L. (2019). Novel information on the morphology, phylogeny and distribution of camallanid nematodes from marine and freshwater hosts in South Africa, including the description of *Camallanus sodwanaensis* n. sp. *International Journal for Parasitology: Parasites and Wildlife*, 10, 263-273.
[https://doi.org/10.1016/j.ijppaw.2019.09.007 \(0.600\)](https://doi.org/10.1016/j.ijppaw.2019.09.007)
76. Takaguchi, K., Nishikawa, N., Mizukawa, H., Tanoue, R., Yokoyama, N., Ichii, O., Takiguchi, M., Nakayama, S.M.M., Ikenaka, Y., Kunisue, T., Ishizuka, M., Tanabe, S., Iwata, H., and Nomiyama, K. (2019). Effects of PCB exposure on serum thyroid hormone levels in dogs and cats. *Science of the Total Environment*, 688, 1172- 1183. [http://doi.org/10.1016/j.scitotenv.2019.06.300 \(0.071\)](http://doi.org/10.1016/j.scitotenv.2019.06.300)
77. Takahashi, K., Tsurumi, T., Inami, M., Li, Z., Kusakabe, T., Kikkawa, S., Azumaya, I., Tominaga, N., Ikenaka, Y., Arizono, K., and Kato, K. (2019). Syntheses of 4-OH and 5-OH Imidacloprids. *Chemistry Select*, 4(24), 7343-7345. [http://doi.org/10.1002/slct.201901491 \(0.091\)](http://doi.org/10.1002/slct.201901491)

- 78.** Tallent, J., Goodall, S., Kidgell, D.J., Durbaba, R., and **Howatson, G.** (2019). Compound Maximal Motor Unit Response is modulated by contraction intensity, but not contraction type in tibialis anterior. *Physiological Reports*, 7, e14201. <https://doi.org/10.14814/phy2.14201> (0.200)
- 79.** Thoré, E.S.J., Grégoir, A.F., Adriaenssens, B., Philippe, C., Stoks, R., **Brendonck, L.**, and Pinceel, T. (2019). Population-, sex- and individual level divergence in life-history and activity patterns in an annual killifish. *PeerJ*, 7, e7177. <http://doi.org/10.7717/peerj.7177> (0.143)
- 80.** Thoré, E.S.J., Steenaerts, L., Philippe, C., Grégoir, A.F., **Brendonck, L.**, and Pinceel, T. (2019). Improving the Reliability and Ecological Validity of Pharmaceutical Risk Assessment: Turquoise Killifish (*Nothobranchius furzeri*) as a Model in Behavioural Ecotoxicology. *Environmental Toxicology and Chemistry*, 38(1), 262-270. <https://doi.org/10.1002/etc.4301> (0.167)
- 81.** Vamberger, M., Hofmeyr, M.D., **Cook, C.A., Netherlands, E.C.**, and Fritz, U. (2019). Phylogeography of the East African Serrated Hinged Terrapin *Pelusios sinuatus* (Smith, 1838) and resurrection of *Sternotherus bottegi* Boulenger, 1895 as a subspecies of *P. sinuatus*. *Amphibian & Reptile Conservation*, 13(2), [Special Section]: 42–56 (e184). [http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_13_no_2/ARC_13_2_\[Special_Section\]_42-56_e184.pdf](http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_13_no_2/ARC_13_2_[Special_Section]_42-56_e184.pdf) (0.400)
- 82.** Van den Broeck, M., Rhazi, L., Waterkeyn, A., El Madihi, M., Grillas, P., Kneitel, J.M., and **Brendonck, L.** (2019). Livestock disturbances in Mediterranean temporary ponds: A mesocosm experiment with sheep manure and simulated trampling. *Freshwater Biology*, 64(5), 856-869. <http://doi.org/10.1111/fwb.13268> (0.143)
- 83.** **Van der Wal, S., Smit, N.J., and Hadfield, K.A.** (2019). Review of the fish parasitic genus *Elthusa* Schioedte & Meinert, 1884 (Crustacea, Isopoda, Cymothoidae) from South Africa, including the description of three new species. *Zookeys*, 841, 1-37. <https://doi.org/10.3897/zookeys.841.32364> (1.000)
- 84.** Vega, F.J., **Bruce, N.L.**, González-León, O., Jeremiah, J., Serrano-Sánchez, M.D.L., Alvarado-Ortega, J., and Moreno-Bedmar, J.A. (2019). Lower Cretaceous marine isopods (Isopoda: Cirolanidae, Sphaeromatidae) from the San Juan Raya and Tlayúa formations, Puebla, Mexico. *Journal of Crustacean Biology*, 39(2), 121- 135. <https://doi.org/10.1093/jcobi/ruy107> (0.143)
- 85.** Verhaert, V., Teuchies, J., Vlok, W., **Wepener, V.**, Addo-Bediako, A., Jooste, A., Blust, R. and Bervoets, L. (2019). Bioaccumulation and trophic transfer of total mercury in the subtropical Olifants River Basin, South Africa. *Chemosphere*, 216, 832-843. <https://doi.org/10.1016/j.chemosphere.2018.10.211> (0.125)
- 86.** Vezi, M., Downs, C.T., **Wepener, V.**, and O'Brien, G. (2019). Response of zooplankton communities to altered water quality and seasonal flow changes in selected river dominated estuaries in KwaZulu-Natal, South Africa. *Ecohydrology & Hydrobiology*, 19, 393-406. <http://doi.org/10.1016/j.ecohyd.2019.01.005> (0.250)
- 87.** **Vogt, T.**, Pieters, R., Giesy, J., and Newman, B.K. (2019). Biological toxicity estimates show involvement of a wider range of toxic compounds in sediments from Durban, South Africa than indicated from instrumental analyses. *Marine Pollution Bulletin*, 138, 49-57. <https://doi.org/10.1016/j.marpolbul.2018.11.019> (0.250)

88. Volschenk, C.M., Gerber, R., Mkhonto, M.T., Ikenaka, Y., Yohannes, Y.B., Nakayama, S., Ishizuka, M., van Vuren, J.H.J., Wepener, V., and Smit, N.J. (2019). Bioaccumulation of persistent organic pollutants and their trophic transfer through the food web: Human health risks to the rural communities reliant on fish from South Africa's largest floodplain. *Science of the Total Environment*, 685, 1116-1126. <https://doi.org/10.1016/j.scitotenv.2019.06.144> (0.500)
89. Volschenk, T.C.M., Ikenaka, Y., Yohannes, Y.B., Nakayama, S.M., Ishizuka, M., Smit, E., van Vuren, J.H.J., and Greenfield, R. (2019). Baseline bio-accumulation concentrations and resulting oxidative stress in *Synodontis zambezensis* after an acute laboratory exposure to 4,4'-DDT. *Pesticide Biochemistry and Physiology*, 156, 44-55. <http://doi.org/10.1016/j.pestbp.2019.02.005> (0.250)
90. Welicky, R.L., and Smit, N.J. (2019). Redescription and molecular characterization of the fish ectoparasite *Anilocra capensis* Leach, 1818 (Isopoda: Cymathoidae), with description of six new species of *Anilocra* Leach, 1818 from Africa. *Parasites & Vectors*, 12(387), 1-34. <https://doi.org/10.1186/s13071-019-3578-5> (1.00)
91. Welicky, R.L., Malherbe, W., Hadfield, K.A., and Smit, N.J. (2019). Understanding growth relationships of African cymothoid fish parasitic isopods using specimens from museum and field collections ecology. *International Journal for Parasitology: Parasites and Wildlife*, 8, 182-187. <https://doi.org/10.1016/j.ijppaw.2019.02.002> (1.00)

Total AE: 30.512