

Water Research Group – 2018 Publications



Contribution nr.	Year	Authors	Title	Journal	Vol.	Page nr.	DOI/ Web link
324	2018	Jenkins, W.G, Demopoulos, A.W.J. & Sikkel, P.C.	Effects of host injury on susceptibility of marine reef fishes to ectoparasitic gnathiid isopods	Symbiosis	75(2)	113-121	https://doi.org/10.1007/s13199-017-0518-z
323	2018	Jenkins, W.G, Demopoulos, A.W.J. & Sikkel, P.C.	Host feeding ecology and trophic position significantly influence isotopic discrimination between a generalist ectoparasite and its hosts: Implications for parasite-host trophic studies	Food webs	16	1-12	https://doi.org/10.1016/j.fooweb.2018.e00092
322	2018	Nicholson, M.D. & Sikkel, P.C.	Localized Defecation in Territorial Herbivorous Fishes	Copeia	3	532-538	http://doi.org/10.1643/CE-18-007
321	2018	Akoto, O., Bortey-Sam, N., Nakayama, S.M.M., Ikenaka, Y., Baidoo, E., Apau, J., Marfo, J.T. & Ishizuka, M.	Characterization, Spatial Variation and Risk Assessment of Heavy Metals and a Metalloid in Surface Soils in Obuasi, Ghana	Journal of Health and Pollution	8(19)	180-902	https://doi.org/10.5696/2156-9614-8.19.180902
320	2018	Bortey-Sam, N., Ikenaka, Y., Akoto, O., Nakayama, S. M. M., Asante, K. A., Baidoo, E., Obirikorang, C., Mizukawa, H. & Ishizuka, M.	Association between human exposure to heavy metals/metalloid and occurrences of respiratory diseases, lipid peroxidation and DNA damage in Kumasi, Ghana	Environmental Pollution	235	163-170	https://doi.org/10.1016/j.envpol.2017.12.005
319	2018	Bortey-Sam, N., Ikenaka, Y., Akoto, O., Nakayama, S. M. M., Marfo, J.T., Saengtienchai, A., Mizukawa, H. & Ishizuka, M.	Sex and site differences in urinary excretion of conjugated pyrene metabolites in the West African Shorthorn cattle	Journal of Veterinary Medicine and Science	80(2)	375-381	https://doi.org/10.1292/jvms.17-0410
318	2018	Brand, S., Brand, L. & Wolmarans, D.W.	Working Around the Problem: The Impact of Being Overweight and Obese on the Treatment of Clinical Illness	South African Family Practice	60(3)	40-46	https://www.ajol.info/index.php/safp/article/viewFile/177587/166937
317	2018	Brownstein, C.G., Ansdell, P., Škarabot, J., Frazer, A., Kidgell, D., Howatson, G., Goodall, S. & Thomas, K.	Motor cortical and corticospinal function differ during an isometric squat compared with isometric knee extension	Experimental Physiology	103	1251-1263	http://doi.org/10.1113/EP086982

316	2018	Brownstein, C.G., Ansdell, P., Škarabot, J., Howatson, G. & Goodall, S.	An optimal protocol for measurement of corticospinal excitability, short intracortical inhibition and intracortical facilitation in the <i>rectus femoris</i>	Journal of Neurological Sciences	394	45-56	https://doi.org/10.1016/j.jns.2018.09.001
315	2018	Burnett, M.J., O'Brien, G.C., Wepener, V. & Pienaar, D.	The spatial ecology of adult Labeobarbus marequensis and their response to flow and habitat variability in the Crocodile River, Kruger National Park.	African Journal of Aquatic Sciences	43(4)	375-384	https://doi.org/10.2989/16085914.2018.1517077
314	2018	Darwish, W.S., Ikenaka, Y. , Nakayama, S.M.M., Mizukawa, H. Thompson, L.A. & Ishizuka, M.	β -carotene and retinol reduce benzo[a]pyrene-induced mutagenicity and oxidative stress via transcriptional modulation of xenobiotic metabolizing enzymes in human HepG2 cell line	Environmental Science and Pollution Research	25(7)	6320-6328	https://doi.org/10.1007/s11356-017-0977-z
313	2018	Du Preez, G.C., Daneel, M.S., Wepener, V. and Fourie, H.	Beneficial nematodes as bioindicators of ecosystem health in irrigated soils.	Applied Soil Ecology	132	155-168	https://doi.org/10.1016/j.apsoil.2018.08.008
312	2018	Halajian, A., Smales, L.R., Tavakol, S., Smit, N.J. & Luus-Powell, W.J.	Checklist of acanthocephalan parasites of South Africa	Zookeys	789	1-18	https://doi.org/10.3897/zookeys.789.27710
311	2018	Harden, M., Wolf, A., Hicks, K.M. & Howatson, G.	Familiarisation, reproducibility, sensitivity and joint angle specificity of bilateral isometric force exertions during leg press	Isokinetics and Exercise Science	26	291-298	http://doi.org/10.3233/IES-183163
310	2018	Harden, M., Wolf, A., Russell, M., Hicks, K.M., French, D. & Howatson, G.	An evaluation of Supremaximally loaded eccentric leg press exercise	Journal of Strength and Conditioning Research	32(10)	2708-2714	http://doi.org/10.1519/JSC.0000000000002497
309	2018	Ikenaka, Y. , Fujioka, K., Kawakami, T., Ichise, T., Bortey-Sam, N., Nakayama, S.M.M., Mizukawa, H., Taira, K., Takahashi, K., Kato, K., Arizono, K. & Ishizuka, M.	Contamination by neonicotinoid insecticides and their metabolites in Sri Lankan black tea leaves and Japanese green tea leaves	Toxicology Reports	5	744-749	https://doi.org/10.1016/j.toxrep.2018.06.008
308	2018	Ikenaka, Y. , Miyabara, Y., Ichise, T., Nakayama, S.M.M., Nimako, C., Ishizuka, M. & Tohyama, C.	Exposures of children to neonicotinoids in pine wilt disease control areas	Environmental Toxicology and Chemistry	38(1)	71-79	https://doi.org/10.1002/etc.4316
307	2018	Ishibashi, H., Uchida, M., Yoshimoto, K., Imamura, Y., Yamamoto, R., Ikenaka, Y. , Kawai, M., Ichikawa, N., Takao, Y., Tominaga, N., Ishibashi Y. & Arizono, K.	Occurrence and seasonal variation of equine estrogens, equilin and equilenin, in the river water of Japan: Implication with endocrine-disrupting potentials to Japanese medaka (<i>Oryzias latipes</i>)	Environmetal Pollution	239	281-288	https://doi.org/10.1016/j.envpol.2018.04.029

306	2018	Ishii, C., Ikenaka, Y. , Ichii, O., Nakayama, S.M.M., Nishimura, S.-I., Ohashi, T., Tanaka, M., Mizukawa, H. & Ishizuka, M.	A glycomics approach to discover novel renal biomarkers in birds by administration of cisplatin and diclofenac to chickens	Poultry Science	97(5:1)	1722-1729	https://doi.org/10.3382/ps/pey016
305	2018	Ishii, C., Nakayama, S.M.M., Kataba, A., Ikenaka, Y. , Saito, K., Watanabe, Y., Makino, Y., Matsukawa, T., Kubota, A., Yokoyama, K., Mizukawa, H., Hirata, T. & Ishizuka, M.	Characterization and imaging of lead distribution in bones of lead-exposed birds by ICP-MS and LA-ICP-MS	Chemosphere	212	994-1001	https://doi.org/10.1016/j.chemosphere.2018.08.149
304	2018	Kawai, Y.K., Ikenaka, Y. , Ishizuka, M. & Kubota, A.	The evolution of UDP-glycosyl/glucuronosyltransferase 1E (UGT1E) genes in bird lineages is linked to feeding habits but UGT2 genes is not	PLoS ONE	13(10)	1-13	https://doi.org/10.1371/journal.pone.0205266
303	2018	Keane, K.M., Bailey, S.J., Vanhatalo, A., Jones, A.M. & Howatson, G.	Effects of montmorency tart cherry (L. Prunus Cerasus) consumption on nitric oxide biomarkers and exercise performance	Scandinavian Journal of Medicine & Science in Sports	28	1746-1756	https://doi-org.nwulib.nwu.ac.za/10.1111/sms.13088
302	2018	Kordi, M., Haralabidis, N., Huby, M., Barratt, P.R., Howatson, G. & Wheat, J.S.	Reliability and validity of depth camera 3D scanning to determine thigh volume	Journal of Sport Sciences	37(1)	36-41	https://doi.org/10.1080/02640414.2018.1480857
301	2018	Kuzmina, T.A., Spraker, T.R., Kudlai, O., Lisitsyna, O.I., Zabudovskaja, S.O., Karbowiak, G., Fontaine, C. & Kuchta, R.	Metazoan parasites of California sea lions (<i>Zalophus californianus</i>): A new data and review	International Journal for Parasitology: Parasites and Wildlife	7(3)	326-334	https://doi.org/10.1016/j.ijppaw.2018.09.001
300	2018	Kuzmina, T.A., Tkach, V.V., Spraker, T.R., Lyons, E.T. & Kudlai, O.	Digeneans of northern fur seals <i>Callorhinus ursinus</i> (Pinnipedia: Otariidae) from five subpopulations on St. Paul Island, Alaska	Parasitology Research	117(4)	1079-1086	https://doi.org/10.1007/s00436-018-5784-z
299	2018	Lisitsyna, O.I., Kudlai, O., Spraker, T.R. & Kuzmina, T.A.	New Records on Acanthocephalans from California Sea Lions <i>Zalophus californianus</i> (Pinnipedia, Otariidae) from California, USA	Vestnik Zoologii	52(3)	181-192	https://doi.org/10.2478/vzoo-2018-0019
298	2018	Kwiecien, S.Y., McHugh, M.P. & Howatson, G.	The efficacy of cooling with phase change material for the treatment of exercise-induced muscle damage: pilot study	Journal of Sport Sciences	36(4)	407-413	https://doi.org/10.1080/02640414.2017.1312492
297	2018	Lundberg, T.R. & Howatson, G.	Analgesic and anti- inflammatory drugs in sports: Implications for exercise performance and training adaptations	Scandinavian Journal of Medicine & Science in Sports	28	2252-2262	http://doi.org/10.1111/sms.13275
296	2018	Gerber, R., Smit, N. J., van Vuren, J. H. J., Ikenaka, Y., Wepener, V.	Biomarkers in tigerfish (<i>Hydrocynus vittatus</i>) as indicators of metal and organic pollution in ecologically sensitive subtropical rivers	Ecotoxicology and Environmental Safety	157	307-317	https://doi.org/10.1016/j.ecoenv.2018.03.091

295	2018	McHugh, M.P., Clifford, T., Abbott, W., Kwiecien, S.Y., Kremenec, I.J., DeVita, J.J. & Howatson, G.	Countermovement Jump Recovery in Professional Soccer Players Using an Inertial Sensor	International Journal of Sports Physiology and Performance	14(1)	9-15	https://doi.org/10.1123/ijsp.2018-0131
294	2018	Ogbomida, E. T., Nakayama, S. M. M., Bortey-Sam, N., Oroszlany, B., Tongo, I., Enuneku, A. A., Ozekeke, O., Ainerua, M. O., Fasipe, I. P., Ezemonye, L. I., Mizukawa, H., Ikenaka, Y. & Ishizuka, M.	Accumulation patterns and risk assessment of metals and metalloids in muscle and offal of free-range chickens, cattle and goat in Benin City, Nigeria	Ecotoxicology and Environmental Safety	151	98-108	https://doi.org/10.1016/j.ecoenv.2017.12.069
293	2018	Penzhorn, B. L., Netherlands, E. C., Cook, C. A., Smit, N.J. , Vorster, I., Harrison-White, R.F. & Oosthuizen, M.C.	Occurrence of Hepatozoon canis (Adeleorina: Hepatozoidae) and Anaplasma spp. (Rickettsiales: Anaplasmataceae) in black-backed jackals (Canis mesomelas) in South Africa	Parasites & Vectors	11(158)	1-8	https://doi.org/10.1186/s13071-018-2714-y
292	2018	Pheiffer, W. , Bortey-Sam, N., Ikenaka, Y. , Nakayama, S.M.M., Mizukawa, H., Ishizuka, M., Smit, N.J. & Pieters, R.	First report on OH-PAHs in South African Clarias gariepinus bile from an urban impacted system	African Journal of Aquatic Sciences	43(3)	305-312	https://doi.org/10.2989/16085914.2018.1511408
291	2018	Philippe, C., Gregoir, A. F., Thoré, E. S. J., De Boeck, G., Brendonck, L. , & Pinceel, T.	Protocol for Acute and Chronic Ecotoxicity Testing of the Turquoise Killifish <i>Nothobranchius furzeri</i>	Journal of Visualized Experiments	134	1-7	http://doi.org/10.3791/57308
290	2018	Pinceel, T., Buschke, F., Weckx, M., Brendonck, L. & Vanschoenwinkel, B.	Climate change jeopardizes the persistence of freshwater zooplankton by reducing both habitat suitability and demographic resilience	BMC Ecology	18(2)	1-9	https://doi.org/10.1186/s12898-018-0158-z
289	2018	Pravdová, M., Ondračková, M., Přikrylová, I. , Blažek, R., Mahmoud, Z., & Gelnar, M.	Dactylogyrids (Platyhelminthes: Monogenea) from Sudanese Labeo spp., with a description of Dogielius sennarensis n. sp. and a redescription of Dogielius fl osculus Guégan, Lambert & Euzet, 1989	Helminthologia	55(4)	306-321	https://doi.org/10.2478/helm-2018-0033
288	2018	Saengtienchai, A., Ikenaka, Y. , Kawata, M., Kawai, Y., Takeda, K., Kondo, T., Bortey-Sam, N., Nakayama, S.M.M., Mizukawa, H. & Ishizuka, M.	Comparison of xenobiotic metabolism in phase I oxidation and phase II conjugation between rats and bird species	Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology	214	28-35	https://doi.org/10.1016/j.cbpc.2018.08.007

287	2018	Scholz, T., Tavakol, S., Uhrová, L., Brabec, J., Přikrylová, I. , Mašová, S., Šimková, A., Halajian, A. & Luus-Powell, W.J.	An annotated list and molecular data on larvae of gryporhynchid tapeworms (Cestoda: Cyclophyllidae) from freshwater fishes in Africa	Systematic Parasitology	95(6)	567-590	https://doi.org/10.1007/s11230-018-9796-y
286	2018	Škarabot, J., Tallent, J., Goodall, S., Durbaba, R. & Howatson, G.	Corticospinal excitability during shortening and lengthening actions with incremental torque output	Experimental Physiology	103	1586-1592	http://doi.org/10.1113/EP087347
285	2018	Stander, Z., Luies, L., Mienie, L.J., Keane, K.M., Howatson, G. , Clifford, T., Stevenson, E.J. & Loots, D.T.	The altered human serum metabolome induced by a marathon	Metabolomics	14(150)	1-11	https://doi.org/10.1007/s11306-018-1447-4
284	2018	Takeda, K., Ikenaka, Y. , Tanaka, K. D., Nakayama, S. M. M., Tanikawa, T., Mizukawa, H., & Ishizuka, M.	Investigation of hepatic warfarin metabolism activity in rodenticide-resistant black rats (<i>Rattus rattus</i>) in Tokyo by in situ liver perfusion	Pesticide Biochemistry and Physiology	148	42-49	https://doi.org/10.1016/j.pestbp.2018.03.018
283	2018	Thomas, K., Brownstein, C.G., Dent, J., Parker, P., Goodall, S. & Howatson, G.	Neuromuscular Fatigue and Recovery after Heavy Resistance, Jump, and Sprint Training	Medicine & Science In Sports & Exercise	50(12)	2526-2535	http://doi.org/10.1249/MSS.0000000000001733
282	2018	Thomas, K., Goodall, S. & Howatson, G.	Performance Fatigability Is Not Regulated to A Peripheral Critical Threshold	Exercise and Sport Sciences Reviews	46(4)	240-246	http://doi.org/10.1249/JES.0000000000000162
281	2018	Thoré, E.S.J., Steenaerts, L., Philippe, C., Grégoir, A., Brendonck, L. & Pinceel, P.	Individual behavioral variation reflects personality divergence in the upcoming model organism <i>Nothobranchius furzeri</i>	Ecology and evolution	8	848-8457	http://doi.org/10.1002/ece3.4356
280	2018	Uno, Y., Takahira, R., Murayama, N., Ishii, Y., Ikenaka, Y. , Ishizuka, M., Yamazaki, H. & Ikushiro, S.	Molecular and functional characterization of UDP-glucuronosyltransferase 1A in cynomolgus macaques	Biochemical Pharmacology	155	172-181	https://doi.org/10.1016/j.bcp.2018.06.027
279	2018	Utembe, W., Wepener, V. , Yu, I.J. & Gulumian, M.	An assessment of applicability of existing approaches to predicting the bioaccumulation of conventional substances in nanomaterials	Environmental Toxicology and Chemistry	37(12)	2972-2933	https://doi.org/10.1002/etc.4253
278	2018 (2017)	Vogt, T. , Pieters, R. & Newman, B.K.	PAHs, OCPs and PCBs in sediments from three catchments in Durban, South Africa	African Journal of Aquatic Sciences	43(1)	35-49	https://doi.org/10.2989/16085914.2018.1445616
277	2018	Welicky, R.L. & Smit, N.J.	Unique co-occurrence of two genera of cymothoidectoparasitic isopods on the same individual fishhost	African Journal of Marine Science	40(4)	467-469	https://doi.org/10.2989/1814232X.2018.1529621
276	2018	Wolmarans, D.W., Brand, S.J. & Brand, L.	All headaches are not equal: A review of migraine as a state of brain dysfunction	South African Family Practice	60(6)	17-25	http://www.safpj.co.za/index.php/safpj/article/view/4964

275	2018	Yamamoto, K., Ikenaka, Y. , Ichise, T., Bo, T., Ishizuka, M., Yasui, H., Hiraoka, W., Yamamori, T. & Inanami, O.	Evaluation of mitochondrial redox status and energy metabolism of X-irradiated HeLa cells by LC/UV, LC/MS/MS and ESR	Free Radical Research	52(6)	648-660	https://doi.org/10.1080/10715762.2018.1460472
274	2018	Yabe, J., Nakayama, S. M. M., Ikenaka, Y. , Yohannes, Y. B., Bortey-Sam, N., Kabalo, A. N., Ntapisha, J., Mizukawa, H., Umemura, T. & Ishizuka, M.	Lead and cadmium excretion in feces and urine of children from polluted townships near a lead-zinc mine in Kabwe, Zambia	Chemosphere	202	48-55	https://doi.org/10.1016/j.chemosphere.2018.03.079
273 (441)	2018	Welicky, R. L., Parkyn, D.C. & Sikkel, P. C.	Host-dependent differences in measures of condition associated with <i>Anilocra</i> spp. parasitism in two coral reef fishes	Environmental Biology of Fish	101(8)	1223-1234	https://doi.org/10.1007/s10641-018-0770-y
272	2019 (2018)	Welicky, R.L., Malherbe, W., Hadfield, K.A. & Smit, N.J.	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
271	2019 (2018)	Welicky, R.L. & Smit, N.J.	Redescription and molecular characterization of the fish ectoparasite <i>Anilocra capensis</i> Leach, 1818 (Isopoda: Cymathoidae), with description of six new species of <i>Anilocra</i> Leach, 1818 from Africa	Parasites & Vectors	12:387	1-34	https://doi.org/10.1186/s13071-019-3578-5
270	2019 (2018)	Vega, F.J., Bruce, N.L. , González-León, O., Jeremiah, J., Serrano-Sánchez, M.D.L., Alvarado-Ortega, J. and Moreno-Bedmar, J.A.	Lower Cretaceous marine isopods (Isopoda: Cirolanidae, Sphaeromatidae) from the San Juan Raya and Tlayúa formations, Puebla, Mexico	Journal of Crustacean Biology		1-15	https://doi.org/10.1093/jcbiol/ruy107
269b	2018	Heglasová I., Nezhybová V. & Přikrylová I.	An amended description of two Gyrodactylus species (Platyhelminthes: Monogenea) parasitizing Antarctic Notothenioid fish	Journal of Helminthology		Online	https://doi.org/10.1017/S0022149X18001098
269a	2018	Bosch, S., Botha, T.L. , Jordaan, A., Maboeta, M. & Wepener, V.	Sublethal effects of ionic and nanogold on the nematode <i>Caenorhabditis elegans</i>	Journal of Toxicology		1-11	https://doi.org/10.1155/2018/6218193
268	2019 (2018)	Shodipo, M.O., Gomez, R.D.C., Welicky, R.L. & Sikkel, P.C.	Apparent kleptoparasitism in fish—parasitic gnathiid isopods	Parasitology Research	118(2)	653-655	https://doi.org/10.1007/s00436-018-6152-8
267	2018	Schaeffner, B.C	<i>Hispidorhynchus styraeurae</i> n. sp. (Trypanorhyncha: Eutetrarhynchidae) from the chupare stingray, <i>Styraeurae schmardae</i> (Werner), from the Caribbean Sea, including new records of <i>Oncomegas wagneri</i> (Linton, 1890).	Journal of Parasitology	104(6)	685-696	http://doi.org/10.1645/17-5
266	2018	Schaeffner, B.C., Ditrich, O. & Kuchta, R.	A century of taxonomic uncertainty: re-description of two species of tapeworms (Diphylobothriidea) from Arctic seals	Polar Biology	41(12)	2543-2559	https://doi.org/10.1007/s00300-018-2396-0

265	2018	Sellers, J.C., Holstein, D.M., Botha, T.L. & Sikkel, P.C.	Lethal and sublethal impacts of a micropredator on post-settlement Caribbean reef fishes	Oecologia		Online	https://doi.org/10.1007/s00442-018-4262-8
264	2018	Malherbe, W.	Ramsar-vleilande in Suid-Afrika: Historiese en huidige akwatiese navorsing	Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie	37(1)	1-14	http://www.satnt.ac.za/index.php/satnt/article/view/667
263	2018	Lawton, S. P., Allan, F., Hayes, P. M. & Smit, N. J.	DNA barcoding of the medically important freshwater snail <i>Physa acuta</i> reveals multiple invasion events into Africa	Acta Tropica	188	86-92	https://doi.org/10.1016/j.actatropica.2018.08.027
262	2019 (2018)	Kock, A. , Taylor, J. & Malherbe, W.	Diatom community structure and relationship with water quality in Lake Sibaya, KwaZulu-Natal, South Africa	South African Journal of Botany			Submitted
261	2018	Sikkel, P.C. & Smit, N.J.	Intraspecific cleaning by juvenile Cape white seabream <i>Diplodus capensis</i> (Sparidae) off eastern South Africa	African Journal of Amrine Science	40(1)	97-99	https://doi.org/10.2989/1814232X.2018.1434091
260	2018	Malherbe, W., Van Vuren J.H.J. & Wepener, V.	The Application of a Macroinvertebrate Indicator in Afrotropical Regions for Pesticide Pollution	Journal of Toxicology	2018	1-6	https://doi.org/10.1155/2018/2581930
259	2018	Škarabot, J., Ansdell, P., Brownstein, C., Howatson, G., Goodall, S. & Durbaba, R.	Differences in force normalising procedures during submaximal anisometric contractions	Journal of Electromyography and Kinesiology	41	82-88	https://doi.org/10.1016/j.jelekin.2018.05.009
258	2018	Clifford, T., Abbott, W., Kwicien, S. Y., Howatson, G. & McHugh, M. P.	Cryotherapy Reinvented: Application of Phase Change Material for Recovery in Elite Soccer	International Journal Of Sports Physiology And Performance	13	584-589	https://doi.org/10.1123/ijspp.2017-0334
257	2018	Brown, M. A., Stevenson, E. J. & Howatson, G.	Whey protein hydrolysate supplementation accelerates recovery from exercise-induced muscle damage in females	Applied Physiology, Nutrition, and Metabolism	43	324-330	http://doi.org/10.1139/apnm-2017-0412
256	2018	Blagrove, R. C., Howie, L. P., Cushion, E. J., Spence, A., Howatson, G., Pedlar, C. R. & Hayes, P. R.	Effects of Strength Training on Postpubertal Adolescent Distance Runners	Applied Sciences	50(6)	1224-1232	http://doi.org/10.1249/MSS.0000000000001543
255	2018	Sikkel, P.C, Cook, C.A., Renoux, L.P., Bennett, C.L., Tuttle L.J. & Smit, N.J.	The distribution and host-association of a haemoparasite of damselfishes (Pomacentridae) from the eastern Caribbean based on a combination of morphology and 18S rDNA sequences	International Journal for Parasitology: Parasites and Wildlife	7(2)	213-220	https://doi.org/10.1016/j.ijppaw.2018.05.004
254	2018 (2017)	O'Brien, G. C., Dickens, C., Hines, E., Wepener, V. , Stassen, R., Quayle, L., Fouchy, K., MacKenzie, J., Graham, P. M. & Landis, W. G.	A regional-scale ecological risk framework for environmental flow evaluations	Hydrology and Earth System Sciences	22	957-975	https://doi.org/10.5194/hess-22-957-2018

253	2018	Grutter, A. S., De Brauwer, M., Bshary, R., Cheney, K. L., Cribb, T. H., Madin, E. M. P., McClure, E. C., Meekan, M. G., Sun, D., Warner, R. R., Werminghausen, J. & Sikkel, P. C.	Parasite infestation increases on coral reefs without cleaner fish	Coral Reefs	37(1)	15-24	https://doi.org/10.1007/s00338-017-1628-z
252	2018	Green, D. J., Thomas, K., Ross E., Green, S. C., Pringle, J. & Howatson, G.	Torque, power and muscle activation of eccentric and concentric isokinetic cycling	Journal of Electromyography and Kinesiology	40	56-63	http://doi.org/10.1016/j.jelekin.2018.03.005
251	2018	Blagrove, R. C., Howatson, G. & Hayes, P. R.	Effect of strenght training on the physiological determinants of middle- and Long-distance running performance: a systematic review	Sports Medicine	48	1117-1149	http://doi.org/10.1007/s40279-017-0835-7
250	2018	Ansdell, P., Thomas, K., Howatson, G., Amann, M. & Goodall, S.	Deception improves time trial performance in well-trained cyclists without augmented fatigue	Medicine & Science In Sports & Exercise	50(4)	809-816	http://doi.org/10.1249/MSS.0000000000001483
249	2019 (2018)	Brand, S. J., Erasmus, J. H., Labuschange, M., Grabner, D., Nachev, M., Zimmerman, S., Wepener, V., Smit, N. J. & Sures, B.	Bioaccumulation and metal-associated biomarker responses in freshwater mussel, <i>Dreissena polymorpha</i> , following short-term platinum exposure	Environmental Pollution	246	69-78	https://doi.org/10.1016/j.envpol.2018.11.061
248	2018	Thompson, L.A., Ikenaka, Y., Yohannes, Y.B., Ichise, T., Ito, G., Bortey-Sam, N., van Vuren, J.J., Wepener, V., Smit, N.J., Darwish, W.S., Nakayama, S.M.M., Mizukawa, H. & Ishizuka, M.	Human Health Risk from Consumption of Marine Fish Contaminated with DDT and its Metabolites in Maputo Bay, Mozambique	Bulletin of Environmental Contamination and Toxicology.	100(5)	672-676	http://doi.org/10.1007/s00128-018-2323-7
247	2018	Thompson, L.A., Ikenaka, Y., Darwish, W.S., Yohannes, Y.B., van Vuren, J.J., Wepener, V., Smit, N.J., Assefa, A.G., Tharwat, A., Eldin, W.F.S., Nakayama, S.M.M., Mizukawa, H. & Ishizuka, M.	Investigation of mRNA expression changes associated with field exposure to DDTs in chickens from KwaZulu-Natal, South Africa	PLoS ONE	13(10)	1-16	https://doi.org/10.1371/journal.pone.0204400

246	2018	Clifford, T., Bowman, A., Capper, T., Allerton, D. M., Foster, E., Birch-Machin, M., Lietz, G., Howatson, G. & Stevenson E. J.	A pilot study investigating reactive oxygen species production in capillary blood after a marathon and the influence of an antioxidant-rich beetroot juice	Applied Physiology, Nutrition, and Metabolism	43	303-306	http://doi.org/10.1139/apnm-2017-0587
245	2019 (2018)	Bruce, N.L. & Shimomura, M.	A new species and genus of deep-water marine cirrolanid isopod (Crustacea: Isopoda: Cirrolanidae) from the Philippines	Raffles Bulletin of Zoology	67	1-13	https://doi.org/10.26107/RBZ-2019-0001
244	2018	Mason, J., Frazer, A., Horvath, D. M., Pearce, A. J., Avela, J., Howatson, G. & Kidgell, D.	Ipsilateral corticomotor responses are confined to the homologous muscle following cross-education of muscular strength	Applied Physiology, Nutrition, and Metabolism	43	11-22	http://doi.org/10.1139/apnm-2017-0457
243	2018	Goodall, S., Howatson, G. & Thomas, K.	Modulation of specific inhibitory networks in fatigued locomotor muscles of healthy males	Experimental Brain Research	236	463-473	http://doi.org/10.1007/s00221-017-5142-x
242	2018	Eddens, L., van Someren, K. & Howatson, G.	The Role of Intra-Session Exercise Sequence in the Interference Effect: A Systematic Review with Meta-Analysis	Sports Medicine	48	177-188	https://doi.org/10.1007/s40279-017-0784-1
241	2018	Cook, C. A., Netherlands, E. C., van As, J. & Smit, N. J.	Two new species of Hepatozoon (Apicomplexa: Hepatozoidae) parasitising species of Philothamnus (Ophidia: Colubridae) from South Africa	Folia Parasitologica	65(004)	1-12	http://doi.org/10.14411/fp.2018.004
240	2018	Brand, L., Wolmarans, D.W. & Brand, S.	A Quick and Painless Reminder: The Pharmacotherapy of Rheumatoid Arthritis in Primary Practice	South African Family Practice	60(2)	38-42	https://www.ajol.info/index.php/safp/article/viewFile/170787/162224
239	2018	Botha, T.L., Mahloko, M.P., Wepener, V., Howatson, G. & Smit, N.J.	A tool for determining maximum sustained swimming ability of selected inland fish species in an Afrotropic ecozone	Water SA	44(3)	511-515	http://dx.doi.org/10.4314/wsa.v44i3.19
238	2018	du Preez, G. C., Wepener, V. , Fourie, H. & Daneel, M. S.	Irrigation water quality and the threat it poses to crop production: evaluating the status of the Crocodile (West) and Marico catchments, South Africa	Environmental Monitoring Assessment	190(127)	1-14	https://doi.org/10.1007/s10661-018-6512-y
237	2018	Groffen, T., Wepener, V. , Malherbe, W. & Bervoets, L.	Distribution of perfluorinated compounds (PFASs) in the aquatic environment of the industrially polluted Vaal River, South Africa	The Science of the Total Environment	627	1334-1344	https://doi.org/10.1016/j.scitotenv.2018.02.023
236	2018	Přikrylová, I., Mašová, S., Gelnar, M., Matla, M. M., Tavakol, S. & Luus-Powell, W. J.	Redescription of the genus <i>Afrodiplozoon</i> Khotenovski, 1981 and its only known species <i>Afrodiplozoon polycotyleus</i> (Paperna, 1973) (Monogenea: Diplozoidae) using a combined multidisciplinary approach	Parasitology International	67	245-252	https://doi.org/10.1016/j.parint.2017.11.008
235	2018	Schwelm, J., Soldánová, M., Vyhřádalová, T., Sures, B. & Selbach, C.	Small but diverse: larval trematode communities in the small freshwater planorbids <i>Gyraulus albus</i> and <i>Segmentina nitida</i> (Gastropoda: Pulmonata) from the Ruhr River, Germany	Parasitology Research	117(1)	241-255	https://doi.org/10.1007/s00436-017-5699-0