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2016 Publications



Contribution nr.	Year	Authors	Title	Journal	Vol.	Page nr.	DOI/ Web link
103	2016	Bell, P.G., Stevenson, E., Davison, G.W. & Howatson, G.	The Effects Of Montmorency Tart Cherry Concentrate Supplementation On Recovery Following Prolonged, Intermittent Exercise	Nutrients	8(7)	441	http://dx.doi.org/10.3390/nu8070441
104	2016	Botha, T.L. , Boodhia, K. & Wepener, V.	Adsorption, Uptake And Distribution Of Gold Nanoparticles In <i>Daphnia magna</i> Following Long Term Exposure	Aquatic Toxicology	170	104-111	http://dx.doi.org/10.1016/j.aquatox.2015.11.022
105	2016	Bruce, N.L. , Martin, M.B., Hadfield, K.A. & Nowak, B.F.	Redescription Of The Fish Parasitic "Tongue Biter" <i>Cymothoa Rhina</i> Schioedte & Meinert, 1884 (Crustacea: Isopoda: Cymothoidae) From Singapore	Raffles Bulletin Of Zoology	34	331-342	http://zoobank.org/urn:lsid:zoobank.org:pub:04BC6C23-9745-4305-B3D5-C9699DA898A0
106	2016	Clifford, T., Bell, O., West, D.J., Howatson, G. & Stevenson, E.J.	The Effects Of Beetroot Juice Supplementation On Indices Of Muscle Damage Following Eccentric Exercise	European Journal Of Applied Physiology	116(2)	353-362	http://dx.doi.org/10.1007/s00421-015-3290-x
107	2016	Cook, C.A. , Netherlands, E.C. & Smit, N.J.	Redescription, Molecular Characterization And Taxonomic Re-Evaluation Of A Unique African Monitor Lizard Haemogregarine <i>Karylysus paradoxa</i> (Dias, 1954) n. comb. (Karylysidae)	Parasites & Vectors	9(1)	347	http://dx.doi.org/10.1186/s13071-016-1600-8
108	2016	Darwish, W.S., Ikenaka, Y., Morshdy, A.E., Eldesoky, K.I., Nakayama, S., Mizukawa, H. & Ishizuka, M.	B-Carotene And Retinol Contents In The Meat Of Herbivorous Ungulates With A Special Reference To Their Public Health Importance	Journal Of Veterinary Medical Science	78(2)	351-354	http://doi.org/10.1292/jvms.15-0287
109	2016	De Necker, L. , Ferreira, M., Van Vuren, J.H.J. & Malherbe, W.	Aquatic Invertebrate Community Structure Of Selected Endorheic Wetlands (Pans) In South Africa	Inland Waters	6(3)	303-313	http://dx.doi.org/10.5268/iw-6.3.783

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110	2016	Du Preez, G. & Wepener, V.	Influence Of Mining Pollution On Metal Bioaccumulation And Biomarker Responses In Cave Dwelling Fish, <i>Clarias Gariepinus</i> .	Bulletin On Environmental Contamination Toxicology	97	18-23	http://dx.doi.org/10.1007/s00128-016-1799-2
111	2016	Du Preez, G., Wepener, V. & Dennis, I.	Metal Enrichment And Contamination In A Karst Cave Associated With Anthropogenic Activities In The Witwatersrand Basin, South Africa	Environmental Earth Sciences	75	63	http://dx.doi.org/10.1007/s12665-016-5455-2
112	2016	Farquharson, C., Wepener, V. & Smit, N.J.	Acute And Chronic Effects Of Acidic pH On Four Subtropical Frog Species	Water SA	42(1)	52-62	http://dx.doi.org/10.4314/wsa.v42i1.07
113	2016	Kudlai, O. , Cribb, T.H.& Cutmore, S.C.	A New Species Of Microphallid (Trematode: Digenea) Infecting A Novel Host Family, The Muraenidae, On The Northern Great Barrier Reef, Australia	Systematic Parasitology	93(9)	863-876	http://dx.doi.org/10.1007/s11230-016-9670-8
114	2016	Lewis, N.A., Newell, J., Burden, R., Howatson, G. & Pedlar, C.R.	Critical Difference And Biological Cariation In Biomarkers Of Oxidative Stress And Nutritional Status In Athletes	Plos One	11(3)	1-12	http://dx.doi.org/10.1371/journal.pone.0149927
115	2016	Mahmoud, A.F.A., Ikenaka, Y. , Yohannes, Y.B., Darwish, W.S., Eldaly, E.A., Morshdy, A.E.M.A. & Ishizuka, M.	Distribution And Health Risk Assessment Of Organochlorine Pesticides (OCPs) Residue In Edible Cattle Tissues From Northeastern Part Of Egypt: High Accumulation Level Of OCPs In Tongue	Chemosphere	144	1365-1371	http://dx.doi.org/10.1016/j.chemosphere.2015.10.016
116	2016	Malherbe, W. , Wepener, V. & Van Vuren, J.H.J.	The Effect Of A Large-Scale Irrigation Scheme On The Fish Community Structure And Integrity Of A Subtropical River System In South Africa	Ecological Indicators	69	533-539	http://dx.doi.org/10.1016/j.ecolind.2016.05.005
117	2016	Martin, M.B., Bruce, N.L. & Nowak, B.F.	Review Of The Fish-Parasitic Genus <i>Cymothoia fabricius</i> , 1793 (Crustacea: Isopoda: Cymothoidae) From Australia	Zootaxa	4119(1)	001-072	http://dx.doi.org/10.11646/zootaxa.4119.1.1

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118	2016	Nishiyama, Y., Nakayama, S.M.M., Watanabe, K.P., Kawai, Y.K., Ohno, M., Ikenaka, Y. & Ishizuka, M.	Strain Differences In Cytochrome P450 mRNA And Protein Expression, And Enzymatic Activity Among Sprague Dawley, Wistar, Brown Norway and Dark Agouti Rats	Journal Of Veterinary Medical Science	78(4)	675-680	http://dx.doi.org/10.1292/jvms.15-0299
119	2016	Nyembe, D.W., Wepener, V. , Mamba, B.B. & Musee, N.	Effects Of Ingested Multi-Walled Carbon Nanotubes In <i>Poecilia Reticulata</i> : Localization And Physiological Responses.	Journal Of Environmental And Analytical Toxicology	6	368	http://dx.doi.org/10.4172/2161-0525.1000368
120	2016	Rodcharoen, E., Bruce, N.L. & Pholpunthin, P.	Description Of Four New Species Of The <i>Cirolana "parva group"</i> (Crustacea: Isopoda: Cirolanidae) From Thailand, With Supporting Molecular (COI) Data.	Journal Of Natural History	50	31-32	http://dx.doi.org/10.1080/00222933.2016.1180718
121	2016	Scholz, T., Besprozvannykh, V.V., Boutorina, T.E., Choudhury, A., Cribb, T.H., Ermolenko, A.V. & Smit N.J.	Trematode Diversity In Freshwater Fishes Of The Globe I: "Old World".	Systematic Parasitology	93(3)	257-269	http://dx.doi.org/10.1007/s11230-016-9630-3
122	2016	Shipley, O.N., Bruce, N.L. , Violich, M., Baco, A.M.Y., Morgan, N., Rawlins, S. & Brooks, E.J.	A New Species Of <i>Bathynomus</i> Milne Edwards, 1879 (Isopoda: Cirolanidae) From The Bahamas, Western Atlantic.	Zootaxa	4147(1)	82-88	http://dx.doi.org/10.11646/zootaxa.4147.1.6
123	2016	Sidabalok, C & Bruce, N.L.	Redescription Of Three Cirolanid Isopods (Crustacea: Peracarida) From Indonesia	Zootaxa	4114(3)	277	http://dx.doi.org/10.11646/zootaxa.4114.3.4

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124	2016	Smit, N.J., Gerber, R., Greenfield, R. & Howatson, G.	Physiological Response Of One Of South Africa's Premier Freshwater Sport Angling Species, The Orange-Vaal Smallmouth Yellowfish <i>Labeobarbus aeneus</i> , To Catch-And-Release Angling.	African Zoology	51(1)	61-67	http://dx.doi.org/10.1080/15627020.2016.1158664
125	2016	Sweet, L.E., Bisesi, J.H., Lei, E.N.Y., Lam, M.H.W. & Klaine, S.J.	The Effects Of Bupropion On Hybrid Striped Bass Brain Chemistry And Predatory Behaviour.	Environmental Toxicology And Chemistry	35(8)	2058-2065	http://dx.doi.org/10.1002/etc.3350
126	2016	Takeda, K., Ikenaka, Y., Tanikawa, T., Tanaka, K.D., Nakayama, S.M.M., Mizukawa, H. & Ishuzuka, M.	Novel Revelation Of Warfarin Resistant Mechanism In Roof Rats (<i>Rattus rattus</i>) Using pharmacokinetic/pharmacodynamic Analysis.	Pesticide Biochemistry And Physiology	134	42742	http://dx.doi.org/10.1016/j.pestbp.2016.04.004
127	2016	Van As, J., Cook, C.A., Netherlands, E.C. & Smit, N.J.	A New Lizard Malaria Parasite <i>Pasmodium intabazwe</i> n. sp. (Apicomplexa: Haemospororida: Plasmodiidae) In The Afromontane <i>Pseudocordylus melanotus</i> (Sauria: Cordylidae) With A Review Of African Saurian Malaria Parasites.	Parasites & Vectors	9(1)	437	http://dx.doi.org/10.1186/s13071-016-1702-3
128	2016	Zahradnickova, P., Barson M., Luus-Powell, W.J. & Prikrylova, I.	Species Of <i>Gyrodactylus</i> Von Nordmann, 1832 (Platyhelminthes: Monogenea) From Cichlids From Zambezi And Limpopo River Basins In Zimbabwe And South Africa: Evidence For Unexplored Species Richness.	Systematic Parasitology	93	679	http://dx.doi.org/10.1007/s11230-016-9652-x
129	2016	Zult, T., Goodall, S., Thomas, K., Solnik, S., Hortobgyi, T. & Howatson, G.	Mirror Training Augments The Cross-Education Of Strength And Affects Inhibitory Paths.	Medicine And Science In Sports And Exercise	9	1001-1013	http://dx.doi.org/10.1249/mss.00000000000000871

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130	2016	Galassi, D.M.P., Bruce, N.L. , Fiasca, B. & Dole-Olivier, M.J.	A New Family Lepidocharontidae With Description Of <i>Lepidocharon</i> gen. n., From The Great Barrier Reef, Australia, And Redefinition Of The Microparasellidae (Isopoda, Asellota).	ZooKeys	594	11-50	http://dx.doi.org/10.3897/zookeys.594.7539
131	2016	Gerber, R., Smit, N.J., Van Vuren, J.H.J. & Wepener, V.	Metal Concentrations In <i>Hydrocynus vittatus</i> (Castelnau 1861) Populations From A Premier Conservation Area: Relationships With Environmental Concentrations.	Ecotoxicology And Environmental Safety	129	91-102	http://dx.doi.org/10.1016/j.ecoenv.2016.03.009
132	2016	Gerber, R., Smit, N.J., Van Vuren, J.H.J., Nakayama, S.M.M., Yohannes, Y.B., Ikenaka, Y., Ishizuka, I. & Wepener, V.	Bioaccumulation And Human Health Risk Assessment Of DDT And Other Organochlorine Pesticides In An Apex Aquatic Predator From A Premier Conservation Area.	Science Of The Total Environment	550	522-533	http://dx.doi.org/10.1016/j.scitotenv.2016.01.129
133	2016	Hadfield, K.A., Bruce, N.L. & Smit, N.J.	Redescription Of Poorly Known Species Of <i>Ceratothoa</i> Dana, 1852 (Crustacea, Isopoda, Cymothoidae), Based On Original Type Material.	ZooKeys	592	39-91	http://dx.doi.org/10.3897/zookeys.592.8098
134	2016	Howatson, G. , Brandon, R. & Hunter, A.M.	The Response To And Recovery From Maximum-Strength And - Power Training In Elite Track And Field Athletes.	International Journal Of Sports Physiology And Performance	11(3)	356-362	http://dx.doi.org/10.1123/ijssp.2015-0235
135	2016	Jacobs, F., O'Brien, G.C. & Smit, N.J.	Diel Movement Of Smallmouth Yellowfish <i>Labeobarbus aeneus</i> In The Vaal River, South Africa.	African Journal Of Aquatic Science	5914	42739	http://dx.doi.org/10.2989/16085914.2015.1136804

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136	2016	Jones, T.W., Howatson, G. , Russell, M. & French, D.N.	Performance And Endocrine Responses To Differing Ratios Of Concurrent Strength And Endurance Training.	Journal Of Strength And Conditioning Research	30(3)	693-702	http://dx.doi.org/10.1519/jsc.00000000000000001135
137	2016	Jordaan, L.J., Wepener, V. & Huizenga, J.M.	The Major And Trace Element Chemistry Of Fish And Lake Water Within Major South African Catchments.	Water SA	42(1)	112-128	http://dx.doi.org/10.4314/wsa.v42i1.12
138	2016	Jordaan, L.J., Wepener, V. & Huizenga, J.M.	The Strontium Isotope Distribution In Water And Fish Within Major South African Catchments.	Water SA	42(2)	213-224	http://dx.doi.org/10.4314/wsa.v42i2.05
139	2016	Keane, K.M., George, T.W., Constantinou, C.L., Brown, M.A., Clifford, T. & Howatson, G.	Effects Of Montmorency Tart Cherry (<i>Prunus Cerasus L.</i>) Consumption On Vascular Function In Males With Early Hypertension.	American Journal of Clinical Nutrition	103(6)	1531-1539	http://dx.doi.org/10.3945/ajcn.115.123869
140	2016	Keane, K.M., Bell, P.G., Lodge, J.K., Constantinou, C.L., Jenkinson, S.E., Bass, R. & Howatson, G.	Phytochemical Uptake Following Human Consumption Of Montmorency Tart Cherry (<i>L. Prunus cerasus</i>) And Influence Of Phenolic Acids On Vascular Smooth Muscle Cells <i>In Vitro</i>	European Journal Of Nutrition	55	1695-1705	http://dx.doi.org/10.1007/s00394-015-0988-9
141	2016	Mchugh, K. J. , Weyl, O.L.F. & Smit, N.J.	Parasites Of Fishes In The Recently Inundated Ephemeral Lake Liambezi, Namibia	African Journal Of Aquatic Science	41(4)	505-509	http://dx.doi.org/10.2989/16085914.2016.1238338
142	2016	Truter, M. , Přikrylová, I., Malherbe, W. & Smit, N.J.	First Report Of Metazoan Parasites From The Cichlid <i>Pseudocrenilabrus philander</i> And The Cyprinid <i>Enteromius paludinosus</i> In A South African Ramsar Wetland	African Journal Of Aquatic Science	41(1)	499-503	http://dx.doi.org/10.2989/16085914.2016.1246357

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143	2016	Brown, M.A., Howatson, G. , Keane, K.M. & Stevenson, E.J.	Adaptation To Damaging Dance And Repeated Sprint Activity In Women	Journal Of Strength And Conditioning Research	30(9)	2574-2581	http://dx.doi.org/10.1519/jsc.00000000000000001346
144	2016	Clifford, T., Berntzen, B., Davison, G.W., West, D.J., Howatson, G. & Stevenson, E.J.	Effects Of Beetroot Juice On Recovery Of Muscle Function And Performance Between Bouts Of Repeated Sprint Exercise	Nutrients	8	506	http://dx.doi.org/10.3390/nu8080506
145	2016	DiVirgilio, T.G., Hunter, A., Wilson, L., Stewart, W., Goodall, S., Howatson, G. , Donaldson, D.I. & Letswaart, M.	Evidence For Acute Electrophysiological And Cognitive Changes Following Routine Soccer Heading	EBioMedicine	13	66-71	http://dx.doi.org/10.1016/j.ebiom.2016.10.029
146	2016	Harper, L.D., Hunter, R., Parker, P., Goodall, S., Thomas, K., Howatson, G. , West, D.J., Stevenson, E.J. & Russell, M.	Test-Retest Reliability Of Physiological And Performance Responses To 120 Minutes Of Simulated Soccer Match Play	Journal Of Strength And Conditioning Research	30(11)	3178-3186	http://dx.doi.org/10.1519/jsc.00000000000000001400
147	2016	Jones, T.W., Walshe, I.H., Hamilton, D.L., Howatson, G. , Russell, M., Price, O.J., St Clair Gibson, A. & French, D.N.	Signalling Responses After Varying Sequencing Of Strength And Endurance Training In A Fed State	International Journal Of Sports Physiology And Performance	11	868-875	http://dx.doi.org/10.1123/ijssp.2015-0534
148	2016	Keane, K. M., Haskell-Ramsay, C. F., Veasey R. C. & Howatson, G.	Montmorency Tart Cherries (<i>Prunus cerasus L.</i>) Modulate Vascular Function Acutely, In The Absence Of Improvement In Cognitive Performance	British Journal Of Nutrition	116	1935-1944	http://dx.doi.org/10.1017/s0007114516004177

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149	2016	Lewis, N.A., Towey, C., Bruinvels, G., Howatson, G. & Pedlar, C.R.	Effects Of Exercise On Alterations In Redox Homeostasis In Elite Male And Female Endurance Athletes Using A Clinical Point-Of-Care Test	Applied Physiology, Nutrition, and Metabolism	41	1026-1032	http://dx.doi.org//10.1139/apnm-2016-0208
150	2016	Merry, K.L., Glaister, M., Howatson, G. & Van Someren, K.	The Exercise Intensity At Maximal Oxygen Uptake ($\dot{V}O_{2\max}$): Methodological Issues And Repeatability	European Journal Of Sport Science	16(8)	989-995	http://dx.doi.org/10.1080/17461391.2016.1183715
151	2016	Thomas, K., Elmeua, M., Howatson, G. & Goodall, S.	Intensity-Dependent Contribution Of Neuromuscular Fatigue After Constant-Load Cycling	Medicine & Science In Sports & Exercise	48(9)	1751-1760	http://dx.doi.org/10.1249/mss.00000000000000950
152	2016	Saengtienchai, A., Ikenaka, Y. , Bortey-Sam, N., Jermnark, U., Mizukawa, H., Kawai, Y.K., Nakayama, S.M.M. & Ishizuka, M.	The African Hedgehog (<i>Atelerix albiventris</i>): Low Phase I And Phase II Metabolism Activities	Comparative Biochemistry And Physiology	Part C 190	38-47	http://dx.doi.org/10.1016/j.cbpc.2016.08.005
153	2016	Nakata, H., Nakayama, S.M.M., Yabe, J., Liazambi, A., Mizukawa, H., Darwish, W.S., Ikenaka, Y. & Ishizuka, M.	Reliability Of Stable Pb Isotopes To Identify Pb Sources And Verifying Biological Fractionation Of Pb Isotopes In Goats And Chickens	Environmental Pollution	208	395-403	http://dx.doi.org/10.1016/j.envpol.2015.10.006
154	2016	Artim, J.M. & Sikkel, P.C.	Comparison Of Sampling Methodologies And Estimation Of Population Parameters For A Temporary Fish Ectoparasite	International Journal For Parasitology: Parasites And Wildlife	5	145-157	http://dx.doi.org/10.1016/j.ijppaw.2016.05.003

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155	2016	Sears, W.T. & Sikkel, P.C.	Field Observation Of Predation On An Adult Caribbean Purplemouth Moray Eel By A Nurse Shark	Coral Reefs	35(3)	971-971	http://dx.doi.org/10.1007/s00338-016-1445-9