



## **Published References Using Skye Underwater Sensors**

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Skye Sensor Quoted 1	Skye Sensor Quoted 2	Author Names	Paper Title	Year of Publication	Journal Name	Vol No	Issue No	Page No
SKP 215	SKP 200	Fasil Degefu, Seyoum Mengistu, Michael Schagerl,	Influence of fish cage farming on water quality and plankton in fish ponds: A case study in the Rift Valley and North Shoa reservoirs, Ethiopia	2011	Aquaculture	316	1-4	129-135
SKP 218		M. Cowan, A. Davie, H. Migaud	The effect of combining shading and continuous lighting on the suppression of sexual maturation in outdoor-reared Atlantic cod, <i>Gadus morhua</i>	2011	Aquaculture	320	1-2	113-122
SKL 310	SKL 2630	Jensen, O. P., Hansson, S., Didrikas, T., Stockwell, J. D., Hrabik, T. R., Axenrot, T. and Kitchell, J. F.	Foraging, bioenergetic and predation constraints on diel vertical migration: field observations and modelling of reverse migration by young-of-the-year herring <i>Clupea harengus</i>	2011	. Journal of Fish Biology	78		449–465
SKP 218		E. Leclercq, J.F. Taylor, M. Sprague, H. Migaud	The potential of alternative lighting-systems to suppress pre-harvest sexual maturation of 1+ Atlantic salmon ( <i>Salmo salar</i> ) post-smolts reared in commercial sea-cages	2011	Aquacultural Engineering	44	2	35-47
SKP 218		Cowan, M., Davie, A. and Migaud, H	The effect of metal halide and novel green cathode lights on the stress response, innate immunity, eye structure and feeding activity of Atlantic cod, <i>Gadus morhua</i> L	2011	Aquaculture Research	42		115–124
SKP 218		Vera, L.M., Davie, A., Taylor, J.F. and Migaud, H	Differential light intensity and spectral sensitivities of Atlantic salmon, European sea bass and Atlantic cod pineal glands ex vivo	2010	General and Comparative Endocrinology	165	1	25-33
SKP 218		C.C. Martinez-Chavez, H. Migaud	Retinal light input is required to sustain plasma melatonin rhythms in Nile tilapia <i>Oreochromis niloticus niloticus</i>	2009	Brain Research	1269		61–67
SKP 218		Carlos Christian Martinez Chavez, Sammi Al Khamees, Antonio Campos Mendoza, David James Penman, and Herve Migaud	Clock Controlled Endogenous Melatonin Rhythms in Nile Tilapia ( <i>Oreochromis niloticus niloticus</i> ) and African Catfish ( <i>Clarias gariepinus</i> )	2008	Chronobiology International	25	1	31-49
SKL 310		Tomas Didrikas, Sture Hansson	Effects of light intensity on activity and pelagic dispersion of fish: studies with a seabed-mounted echosounder	2008	ICES Journal of Marine Science	66	2	388-395
SKP 215		D. von Schiller, E. Marti and J.L. Riera	Nitrate retention and removal in Mediterranean streams with contrasting land uses: a N tracer study	2008	Biogeosciences Discuss	5		3307-3346
SKL 310		Russell B. Rader, Timberley Belish, Michael K. Young, and John Rothlisberger	The Scotopic Visual Sensitivity Of Four Species Of Trout: A Comparative Study	2007	Western North American Naturalist	67	4	524-537
SKP 215		M.J. Saunders, M.B. Jones and F.kansiime	Carbon and water cycles in tropical papyrus wetlands	2007	Journal of Ecology	15	6	489-498

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SKP 218		Herve Migaud, Mairi Cowan, John Taylor, Hugh W. Ferguson	The effect of spectral composition and light intensity on melatonin, stress and retinal damage in post-smolt Atlantic salmon, <i>Salmo salar</i>	2007	Aquaculture	270	1-4	390-404
SKP 218		Migaud, H., Davie, A., Martinez Chavez, C.C. and Al Khamees, S	Evidence for differential photic regulation of pineal melatonin synthesis in teleosts	2007	Journal of Pineal Research	43	4	327-335
SKL 310		Andrew Davie, Carlos Mazorra de Quero, Niall Bromage, Jim Treasurer, Herve Migaud	Inhibition of sexual maturation in tank reared haddock ( <i>Melanogrammus aeglefinus</i> ) through the use of constant light photoperiods	2007	Aquaculture	270	1-4	379-389
SKP 218		Andrew Davie, Mark JR Porter, Niall R Bromage, Herve Migaud	The role of seasonally altering photoperiod in regulating physiology in Atlantic cod ( <i>Gadus morhua</i> ). Part I. Sexual maturation	2007	Canadian Journal of Fisheries and Aquatic Sciences	64		84-97
SKU 430		Jean Nougulier, Behzad Mostajir, Emilie Le Floc'h, and Francesca Vidussi	An automatically operated system for simulating global change temperature and ultraviolet B radiation increases: application to the study of aquatic ecosystem responses in mesocosm experiments	2007	Limnol. Oceanogr.: Methods	5		269-279
SKP 215		Javier Vidal Hurtado	Basin-Scale hydrodynamics in a mediterranean reservoir. Implications for the phytoplankton dynamics	2007	Universitat de Girona PhD Thesis			
SKL 310	SKL 300	MILLIDINE, K. J., ARMSTRONG, J. D. and METCALFE, N. B	Presence of shelter reduces maintenance metabolism of juvenile salmon	2006	Functional Ecology	20		839-845
SKP 218		Migaud, H., Taylor, J.F., Taranger, G.L., Davie, A., Cerdá-Reverter, J.M., Carrillo, M., Hansen, T. and Bromage, N.R	A comparative ex vivo and in vivo study of day and night perception in teleosts species using the melatonin rhythm	2006	Journal of Pineal Research	41		42-52
SKL 310	SKL 300	J.F. Taylor, B.P. North, M.J.R. Porter, N.R. Bromage, H. Migaud	Photoperiod can be used to enhance growth and improve feeding efficiency in farmed rainbow trout, <i>Oncorhynchus mykiss</i>	2006	Aquaculture	256	1-4	216-234
SKP 215		Eva Leu, Sten -Ake Wangberg, Angela Wulff, Stig Falk-Petersen, Jon Borre Orbaek and Dag O. Hessen	Effects of the changes in ambient PAR and UV radiation on the nutritional quality of an Arctic diatom ( <i>Thalassiosira antarctica</i> var. <i>borealis</i> )	2006	Journal of Experimental Marine Biology and Ecology	337	1	65-81
SDL 5000	SKL 310	Thomas Axenrot, Tomas Didrikas, Charlotte Danielsson and Sture Hansson	Diel patterns in pelagic fish behaviour and distribution observed from a stationary, bottom-mounted, and upward-facing transducer	2004	ICES Journal of Marine Science	61	7	1100-1104
SKL 310	SKL 300	I.K. Berrill, M.J.R. Porter, A. Smart, D. Mitchell, N.R. Bromage	Photoperiodic effects on precocious maturation, growth and smoltification in Atlantic salmon, <i>Salmo salar</i>	2003	Aquaculture	222	1-4	

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SKP 215		Esra Kocum, Graham J.C. Underwood, & David B. Nedwell	Simultaneous measurement of phytoplanktonic primary production, nutrient & light availability along a turbid, eutrophic UK east coast estuary (the Colne Estuary)	2002	Marine Environmental Research	231		1-12
SKL 310	SKL 300	A J Harwood, N B Metcalfe, J D Armstrong, S W Griffiths	Spatial and temporal effects of interspecific competition between Atlantic salmon ( <i>Salmo salar</i> ) and brown trout ( <i>Salmo trutta</i> ) in winter	2001	Canadian Journal of Fisheries and Aquatic Sciences	58		1133-1140
SKL 310	SKL 300	Sveinn K Valdimarsson, Neil B Metcalfe	Effect of time of day, time of year, and life history strategy on time budgeting in juvenile Atlantic salmon, <i>Salmo salar</i>	1999	Canadian Journal of Fisheries and Aquatic Sciences	56		2397-2403
SKP 215		Helen G. Butler	Seasonal dynamics of the planktonic microbial community in a maritime Antarctic lake undergoing eutrophication	1999	Journal of Plankton Research	21	12	2393-2419
SDL 2540	SKP 210	L.Mauricio Bini, Sidinei M.Thomaz, Kevin J.Murphy, & Antonio F.M. Camargo	Aquatic macrophyte distribution in relation to water and sediment conditions in the Itaipu Reservoir, Brazil	1999	Hydrobiologia	415		147-154
SKL 310	SKL 300	Greenwood, M. F. D. and Metcalfe, N. B	Minnows become nocturnal at low temperatures	1998	Journal of Fish Biology	53		25-32
SKL 310	SKL 300	Neil B. Metcalfe, Sveinn K. Valdimarsson, and Neil H. C. Fraser	Habitat Profitability and Choice in a Sit-And-Wait Predator: Juvenile Salmon Prefer Slower Currents on Darker Nights	1997	. Journal of Animal Ecology	66	6	866-75
SKL 310	SKL 300	Kadri, S., Metcalfe, N. B., Huntingford, F. A. and Thorpe, J. E.	Daily feeding rhythms in Atlantic salmon I: feeding and aggression in parr under ambient environmental conditions	1997	. Journal of Fish Biology	50		267-272
SKL 310	SKL 300	N. H. C. FRASER, N. B. METCALFE	The costs of becoming nocturnal: feeding efficiency in relation to light intensity in juvenile Atlantic Salmon	1997	Functional Ecology	11	3	385-391
SKU 430		Ulevicius V.; Trakumas S.; Juozaitis A.; Sopauskiene D.	Role of diffusion-coagulation on hygroscopic properties of submicrometer marine aerosol particles	1997	Journal of Aerosol Science	28	1	99-100
SDL 2540	SKP 210	Sabbatini, M. R., and K. J. Murphy	Submerged plant survival strategies in relation to management and environmental pressures in drainage channel habitats	1996	Hydrobiologia	340		191-195
SI 700		Laura Serrano	Leaching from vegetation of soluble polyphenolic compounds, and their abundance in temporary ponds in the Donana National Park (SW Spain)	1992	Hydrobiologia	229	1	43-50