

Full publication list

Refereed journal articles

1. Pankhurst, N.W., Boyden, C.R., and Wilson, J.B. The effect of fluoride effluent on marine organisms. *Env. Poll. Ser. A* 23, 299-312. (1980).
2. Wells, R.M.G., and Pankhurst, N.W. An investigation into the formation of sulphide and oxidation compounds from the haemoglobin of the lugworm *Abarenicola affinis* (Ashworth). *Comp. Biochem. Physiol.* 66C, 255-259. (1980).
3. Pankhurst, N.W. Relation of visual changes to the onset of sexual maturation in the European eel *Anguilla anguilla* (L.). *J. Fish Biol.* 21, 127-140. (1982).
4. Pankhurst, N.W., and Lythgoe, J.N. Structure and colour of the integument of the European eel *Anguilla anguilla* (L.). *J. Fish Biol.* 21, 279-296. (1982).
5. Pankhurst, N.W. Changes in body musculature with sexual maturation in the European eel *Anguilla anguilla* (L.). *J. Fish Biol.* 21, 417-428. (1982).
6. Pankhurst, N.W. Changes in the skin-scale complex with sexual maturation in the European eel *Anguilla anguilla* (L.). *J. Fish Biol.* 21, 549-561. (1982).
7. Pankhurst, N.W., and Lythgoe, J.N. Changes in vision and olfaction during sexual maturation in the European eel *Anguilla anguilla* (L.). *J. Fish Biol.* 23, 229-240. (1983).
8. Pankhurst, N.W. Retinal development in larval and juvenile European eel *Anguilla anguilla*. *Can. J. Zool.* 62, 335-343. (1984).
9. Pankhurst, N.W., and Sorensen, P.W. Degeneration of the alimentary tract in sexually maturing eels *Anguilla anguilla* (L.) and *A. rostrata* (LeSeur). *Can. J. Zool.* 62, 1143-1149. (1984).
10. Pankhurst, N.W. Final maturation and ovulation of oocytes of the goldeye *Hiodon alosoides* (Rafinesque) *in vitro*. *Can. J. Zool.* 63, 1003-1009. (1985).
11. Pankhurst, N.W., and Stacey, N.E. The effects of 17 β -estradiol on spontaneous ovulation in the goldfish *Carassius auratus*. *Can. J. Zool.* 63, 2979-2981. (1985).
12. Pankhurst, N.W., Van Der Kraak, G., and Peter, R.E. Effects of human chorionic gonadotropin, Des-Gly¹⁰ (D-Ala⁶) LHRH-ethylamide and pimozone on final oocyte maturation, ovulation and levels of plasma sex steroids in the walleye *Stizostedion vitreum*. *Fish Physiol. Biochem.* 1, 45-54. (1986).
13. Pankhurst, N.W., Stacey, N.E., and Peter, R.E. An evaluation of techniques for the administration of 17 β -estradiol to teleosts. *Aquaculture* 52, 145-155. (1986).
14. Pankhurst, N.W., Van Der Kraak, G., Peter, R.E., and Breton, B. Effects of (D-Ala⁶, Pro⁹-N ethylamide)-LHRH on plasma levels of gonadotropin, 17 α ,20 β -dihydroxy-4-pregnen-3-one and testosterone in male goldeye (*Hiodon alosoides*) (Rafinesque). *Fish Physiol. Biochem.* 1, 163-170. (1986).
15. Pankhurst, N.W., Stacey, N.E., and Van Der Kraak, G. Reproductive development and plasma levels of reproductive hormones of goldeye *Hiodon alosoides* (Rafinesque) taken from the North Saskatchewan River during the open water season. *Can. J. Zool.* 64, 2843-2849. (1986).
16. Pankhurst, N.W., McMillan, P.J., and Tracey, D.M. Seasonal reproductive cycles in three commercially exploited fishes from the slope waters off New Zealand. *J. Fish Biol.* 30, 193-211. (1987).
17. Pankhurst, N.W. Intra- and interspecific changes in retinal morphology among mesopelagic and demersal teleosts from the slope waters of New Zealand. *Env. Biol. Fish.* 19, 269-280. (1987).
18. Pankhurst, N.W., and Conroy, A.M. Size-fecundity relationships in the orange roughy *Hoplostethus atlanticus* Collett. *N.Z. J. Mar. Freshwat. Res.* 21, 295-300. (1987).

19. Pankhurst, N.W., and Conroy, A.M. Seasonal changes in reproductive condition and plasma levels of sex steroids in the blue cod *Parapercis colias* (Bloch and Schneider) (Mugiloididae). *Fish Physiol. Biochem.* 4, 15-26. (1987).
20. Pankhurst, N.W. Spawning dynamics of orange roughy (*Hoplostethus atlanticus* Collett) in mid-slope waters off New Zealand. *Env. Biol. Fish.* 21, 101-116. (1988).
21. Pankhurst, N.W., and Conroy, A.M. Endocrine changes during gonadal maturation and spawning in the orange roughy (*Hoplostethus atlanticus* Collett): A teleost from the mid-slope waters off New Zealand. *Gen. Comp. Endocrinol.* 70, 262-273. (1988).
22. Sorensen, P.W., and Pankhurst, N.W. Histological changes in the gonad, skin, intestine and olfactory epithelium of artificially matured male American eels, *Anguilla rostrata* (LeSueur). *J. Fish Biol.* 32, 297-307. (1988).
23. Francis, M.P., and Pankhurst, N.W. Juvenile sex inversion in the New Zealand snapper *Chrysophrys auratus* (Bloch and Schneider, 1801)(Sparidae). *Aust. J. Mar. Freshwat. Res.* 39, 625-631. (1988).
24. Pankhurst, N.W., and Montgomery, J.C. Visual function in four Antarctic nototheniid fishes. *J. Exp. Biol.* 142, 311-324. (1989).
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26. Van Der Kraak, G., Pankhurst, N.W., Peter, R.E., and Lin, H.R. Lack of antigenicity of human chorionic gonadotropin in silver carp (*Hypophthalmichthys molitrix*) and goldfish (*Carassius auratus*). *Aquaculture* 78, 81-86. (1989).
27. Pankhurst, N.W. The relationship of ocular morphology to feeding modes and activity periods in shallow marine teleosts from New Zealand. *Env. Biol. Fish.* 26, 201-211 (1989).
28. Conroy, A.M. and Pankhurst, N.W. Size-fecundity relationships in the smooth oreo *Pseudocyttus maculatus*, and the black oreo *Alloctytus niger*. (Pisces: Oreosomatidae). *N.Z. J. Mar. Freshwat. Res.* 23, 525-527. (1989).
29. Pankhurst, N.W. Growth and reproduction of the Antarctic nototheniid fish *Pagothenia borchgrevinki*. *Polar Biology* 10, 387-391. (1990).
30. Pankhurst, N.W. and Montgomery, J.C. Ontogeny of vision in the Antarctic fish *Pagothenia borchgrevinki* (Nototheniidae). *Polar Biology* 10, 419-422. (1990).
31. Pankhurst, N.W. Changes in plasma levels of gonadal steroids during spawning behaviour in territorial male demoiselles *Chromis dispilus* (Pisces: Pomacentridae) sampled underwater. *Gen. Comp. Endocrinol.* 79, 215-225. (1990).
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33. Pankhurst, P.M., Montgomery, J.C., and Pankhurst, N.W. Growth, development and behaviour of artificially reared larval *Pagrus auratus* (Bloch and Schneider, 1801) (Sparidae). *Aust. J. Mar. Freshwat. Res.* 42, 391-398. (1991).
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38. Pankhurst, N.W., and Sharples, D.F. Effects of capture and confinement on plasma cortisol levels in the snapper *Pagrus auratus*. *Aust. J. Mar. Freshwat. Res.* 43, 345-356. (1992).
39. Janssen, J., Pankhurst, N.W., and Harbison, G.R. Swimming and body orientation of *Notolepis rissoi* (Bonaparte) in relation to lateral line and visual function. *J. Mar. Biol. Ass. U.K.* 72, 877-886. (1992).
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45. Pankhurst, N.W., and Barnett, C.W. Relationship of population density, territorial interaction and plasma levels of gonadal steroids in spawning male demoiselles *Chromis dispilus* (Pisces: Pomacentridae). *Gen. Comp. Endocrinol.* 90, 168-176. (1993).
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63. Barnett, C.W., and Pankhurst, N.W. The effects of common laboratory and husbandry practices on the stress response of greenback flounder *Rhombosolea tapirina* (Günther, 1862). *Aquaculture* 162, 313-329. (1998).
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