

## PUBLICATIONS

Miquel Palmer

### SCI Papers

**Journals at the upper 25% percentil according ISI WOS:  
(Multidisciplinary, Ecology, Marine Biology, or Fisheries)**

- 1) Arechavala-Lopez, P., Minguito-Frutos, M., Follana-Berná, G., Palmer, M. (in press). Common octopus settled in human-altered Mediterranean coastal waters: from individual home-range to population dynamic. *ICES Journal of Marine Science*.
- 2) Marti-Puig, P., Serra-Serra, M., Campos-Candela, A., Reig-Bolaño, R., Manjabacas, A., Palmer, M. (in press). Detection, identification, and multi-tracking algorithms with metrics for long-term fish behavioral studies. *Environmental Modeling & Software*
- 3) Catalán, I. A., Alós, J., Díaz-Gil, C., Pérez-Mayol, S., Basterretxea, G., Morales-Nin, B., & Palmer, M. (2018). Potential fishing-related effects on fish life history revealed by otolith microchemistry. *Fisheries Research*, 199, 186-195.
- 4) Campos-Candela, A., Palmer, M., Balle, S., & Alós, J. (2017). A camera-based method for estimating absolute density in animals displaying home range behaviour. *Journal of Animal Ecology*.
- 5) Palmer, M., Tolosa, B., Grau, A. M., del Mar Gil, M., Obregón, C., & Morales-Nin, B. (2017). Combining sale records of landings and fishers knowledge for predicting métiers in a small-scale, multi-gear, multispecies fishery. *Fisheries Research*, 195, 59-70.
- 6) Gouraguine, A., Díaz-Gil, C., Reñones, O., Otegui, D. S., Palmer, M., Hinz, H., ... & Moranta, J. (2017). Behavioural response to detection of chemical stimuli of predation, feeding and schooling in a temperate juvenile fish. *Journal of Experimental Marine Biology and Ecology*, 486, 140-147
- 7) Gil, MdM., Palmer, M., Grau, A., Massutí, E., & Pastor, E. (2017). Comparing tagging strategies: Effects of tags on retention rate, mortality rate and growth in hatchery-reared juvenile meagre, *Argyrosomus regius* (Pisces: Sciaenidae). *Scientia Marina*.
- 8) Díaz-Gil, C., Smee, S. L., Cotgrove, L., Follana-Berná, G., Hinz, H., Marti-Puig, P., ... & Catalán, I. A. (2017). Using stereoscopic video cameras to evaluate seagrass meadows nursery function in the Mediterranean. *Marine Biology*, 6(164), 1-11.
- 9) Cabanellas-Reboredo, M., Palmer, M., Alós, J., & Morales-Nin, B. (2017). Estimating harvest and its uncertainty in heterogeneous recreational fisheries. *Fisheries Research*, 188, 100-111.
- 10) Díaz-Gil, C., Cotgrove, L., Smee, S. L., Simón-Otegui, D., Hinz, H., Grau, A., ... & Catalán, I. A. (2017). Anthropogenic chemical cues can alter the swimming behaviour of juvenile stages of a temperate fish. *Marine environmental research*, 125, 34-41.
- 11) Jones, C. M., Palmer, M., & Schaffler, J. J. (2017). Beyond Zar: the use and abuse of classification statistics for otolith chemistry. *Journal of fish biology*, 90(2), 492-504.
- 12) Alós, J., Palmer, M., Rosselló, R., & Arlinghaus, R. (2016). Fast and behavior-selective exploitation of a marine fish targeted by anglers. *Scientific Reports*, 6.
- 13) Grau, A., Saborido-Rey, F., Pastor, E., Palmer, M., Massuti-Pascual, E., Quetglas, A., ... & Morales-Nin, B. (2016). Reproductive strategy of common dentex *Dentex dentex*: management implications. *Mediterranean Marine Science*, 17(2), 552-566.

- 14) Alós, J., Palmer, M., Balle, S., & Arlinghaus, R. Bayesian state-space modelling of conventional acoustic tracking provides accurate descriptors of home range behavior in a small-bodied coastal fish species. (2016) *PloS one*, 11(4), e0154089.
- 15) Schismenou, E., Palmer, M., Giannoulaki, M., Alvarez, I., Tsiaras, K., Triantafyllou, G., Somarakis, S. Seasonal changes in otolith increment width trajectories and the effect of temperature on the daily growth rate of young sardines (2016) *Fisheries Oceanography*, 25 (4), pp. 362-372. DOI: 10.1111/fog.12158
- 16) Gil, M de M., Palmer, M., Grau, A., Balle, S. Many vulnerable or a few resilient specimens? Finding the optimal for reintroduction/restocking programs (2015) *PLoS ONE*, 10 (9), art. no. e0138501 DOI: 10.1371/journal.pone.0138501
- 17) Alós, J., Puiggrós, A., Díaz-Gil, C., Palmer, M., Rosselló, R., Arlinghaus, R. Empirical evidence for species-specific export of fish naïveté from a no-take marine protected area in a coastal recreational hook and line fishery (2015) *PLoS ONE*, 10 (8), art. no. e0135348 DOI: 10.1371/journal.pone.0135348
- 18) Díaz-Gil, C., Catalán, I.A., Palmer, M., Faulk, C.K., Fuiman, L.A. Ocean acidification increases fatty acids levels of larval fish (2015) *Biology Letters*, 11 (7), art. no. 20150331 DOI: 10.1098/rsbl.2015.0331
- 19) Díaz-Gil, C., Palmer, M., Catalán, I.A., Alós, J., Fuiman, L.A., García, E., Del Mar Gil, M., Grau, A., Kang, A., Maneja, R.H., Mohan, J.A., Morro, B., Schaffler, J.J., Buttay, L., Riera-Batle, I., Tolosa, B., Morales-Nin, B. Otolith fluctuating asymmetry: A misconception of its biological relevance? (2015) *ICES Journal of Marine Science*, 72 (7), pp. 2079-2089. DOI: 10.1093/icesjms/fsv067
- 20) Gil, M.M., Palmer, M., Hernández, M.D., Grau, A., Durán, J., García, B.G., Jover, M., Pastor, E. Rearing diet may determine fish restocking success: A case study of hatchery-reared juvenile meagre, *argyrosomus regius* (2015) *Scientia Marina*, 79 (4), pp. 431-441. DOI: 10.3989/scimar.04140.05A
- 21) Alós, J., Palmer, M., Trías, P., Díaz-Gil, C., & Arlinghaus, R. (2014). Recreational angling intensity correlates with alteration of vulnerability to fishing in a carnivorous coastal fish species. *Canadian Journal of Fisheries and Aquatic Sciences*, 72(2), 217-225. DOI: 10.1139/cjfas-2014-0183
- 22) Cabanellas-Reboredo, M., Alós, J., March, D., Palmer, M., Jordà, G., Palmer, M. Where and when will they go fishing? Understanding fishing site and time choice in a recreational squid fishery (2014) *ICES Journal of Marine Science*, 71 (7), pp. 1760-1773. DOI: 10.1093/icesjms/fst206
- 23) Catalán, I.A., Pérez-Mayol, S., Álvarez, I., Ruiz, J., Palmer, M., Baldó, F., Peliz, A., Morales-Nin, B. Daily otolith growth and ontogenetic geochemical signatures of age-0 anchovy (*Engraulis encrasicolus*) in the gulf of cádiz (SW Spain) (2014) *Mediterranean Marine Science*, 15 (4), pp. 781-789. DOI: 10.12681/mms.819
- 24) Villegas-Ríos, D., Alós, J., Palmer, M., Lowerre-Barbieri, S.K., Bañón, R., Alonso-Fernández, A., Saborido-Rey, F. Life-history and activity shape catchability in a sedentary fish (2014) *Marine Ecology Progress Series*, 515, pp. 239-250. DOI: 10.3354/meps11018
- 25) Morales-Nin, B., Pérez-Mayol, S., Palmer, M., Geffen, A.J. Coping with connectivity between populations of *Merluccius merluccius*: An elusive topic (2014) *Journal of Marine Systems*, 138, pp. 211-219. DOI: 10.1016/j.jmarsys.2014.04.009
- 26) Gil, M.D.M., Palmer, M., Grau, A., Pérez-Mayol, S. First evidence on the growth of hatchery-reared juvenile meagre *Argyrosomus regius* released in the Balearic Islands coastal region (2014) *Aquaculture*, 434, pp. 78-87. DOI: 10.1016/j.aquaculture.2014.07.032
- 27) March, D., Alós, J., Palmer, M. Geospatial assessment of fishing quality considering environmental and angler-related factors (2014) *Fisheries Research*, 154, pp. 63-72. DOI: 10.1016/j.fishres.2014.01.020

- 28) Alós, J., Palmer, M., Linde-Medina, M., Arlinghaus, R. Consistent size-independent harvest selection on fish body shape in two recreationally exploited marine species (2014) *Ecology and Evolution*, 4 (11), pp. 2154-2164. DOI: 10.1002/ece3.1075
- 29) Alós, J., Palmer, M., Catalan, I.A., Alonso-Fernández, A., Basterretxea, G., Jordi, A., Buttay, L., Morales-Nin, B., Arlinghaus, R. Selective exploitation of spatially structured coastal fish populations by recreational anglers may lead to evolutionary downsizing of adults (2014) *Marine Ecology Progress Series*, 503, pp. 219-233. DOI: 10.3354/meps10745
- 30) Cabanellas-Reboredo, M., Calvo-Manazza, M., Palmer, M., Hernández-Urcera, J., Garci, M.E., González, T.F., Guerra, T., Morales-Nin, B. Using artificial devices for identifying spawning preferences of the European squid: Usefulness and limitations (2014) *Fisheries Research*, 157, pp. 70-77. DOI: 10.1016/j.fishres.2014.03.020
- 31) Alonso-Fernández, A., Alós, J., Palmer, M. Variability in reproductive traits in the sex-changing fish, *Coris julis*, in the Mediterranean (2013) *Mediterranean Marine Science*, 15 (1), pp. 106-114. DOI: 10.12681/mms.455
- 32) Gil, M.M., Palmer, M., Grau, A., Deudero, S., Alconchel, J.I., Catalán, I.A. Adapting to the wild: The case of aquaculture-produced and released meagres *Argyrosomus regius* (2014) *Journal of Fish Biology*, 84 (1), pp. 10-30. DOI: 10.1111/jfb.12241
- 33) Duran, J., Palmer, M., Pastor, E. Growing reared spider crabs (*Maja squinado*) to sexual maturity: the first empirical data and a predictive growth model (2013). *Aquaculture*, 408, pp. 78–87. DOI: 10.1016/j.aquaculture.2013.05.031
- 34) Basterretxea, G., Catalán, I.A., Jordi, A., Álvarez, I., Palmer, M., Sabatés, A. Dynamic regulation of larval fish self-recruitment in a marine protected area (2013) *Fisheries Oceanography*, 22 (6), pp. 477-495. DOI: 10.1111/fog.12035
- 35) March, D., Alós, J., Cabanellas-Reboredo, M., Infantes, E., Jordi, A., Palmer, M. (2013) A bayesian spatial approach for predicting seagrass occurrence. *Estuarine, Coastal and Shelf Science*, 131, pp. 206-212. DOI: 10.1016/j.ecss.2013.08.009
- 36) Vidal, M., Fornós, J.J., Gómez-Pujol, L.L., Palmer, M., Pons, G.X., Balaguer, P. Exploring rock coast bioerosion: rock fragment intestine transit time and erosion rates computation of the gastropod *Monodonta articulata* (Lamarck, 1822). (2013) *Journal of Coastal Research*, Special Issue 65, 1704-1709, DOI: 10.2112/SI65-288.1
- 37) Alós, J., Alonso-Fernández, A., Catalán, I., Palmer, M., Lowerre-Barbieri, S. Reproductive output traits of the simultaneous hermaphrodite *Serranus scriba* in the Western Mediterranean. (2013) *Scientia Marina*, 77, pp. 331-340. DOI: 10.3989/scimar.03757.26A
- 38) Villegas-Ríos, D., Alós, J., March, D., Palmer, M., Mucientes, G., Saborido-Rey, F. Home range and diel behavior of the ballan wrasse, *Labrus bergylta*, determined by acoustic telemetry. (2013) *Journal of Sea Research*, 80, pp. 61-71. DOI: 10.1016/j.seares.2013.02.009
- 39) Gil, M.M., Grau, A., Basilone, G., Ferreri, R., Palmer, M. Reproductive strategy and fecundity in reared meagre *Argyrosomus regius* (Asso, 1801): implications for restocking programs. (2013) *Scientia Marina*, 77 (1), pp. 105-118. DOI: 10.3989/scimar.03688.28A.
- 40) March, D., Alós, J., Cabanellas, E., Infantes, E., Palmer, M. Probabilistic mapping of *Posidonia oceanica* cover: a Bayesian geostatistical analysis of seabed images. (2013) *Aquatic Botany*, 106, pp. 14-19. DOI: 10.1016/j.aquabot.2012.12.005.
- 41) Maynou, F., Morales-Nin, B., Cabanellas-Reboredo, M., Palmer, M., García, E., Grau, A.M. Small-scale fishery in the Balearic Islands (W Mediterranean): A socio-economic approach (2013). *Fisheries Research*, 139, pp. 11-17 DOI: 10.1016/j.fishres.2012.11.006.
- 42) Alós, J., Arlinghaus, R. Palmer, M. Consistent selection towards low activity phenotypes when catchability depends on encounters among human predators and fish (2012). *PLoS ONE* 7(10): e48030. DOI:10.1371/journal.pone.0048030.

- 43) Cabanellas, M., Alós, J., Palmer, M., March, D., O'Dor, R. Movement patterns of the European squid *Loligo vulgaris* during the inshore spawning season. (2012) Marine Ecology progress Series, 466, pp: 133–144 DOI: 10.3354/meps09925
- 44) Cabanellas-Reboredo, M., Alós, J., Palmer, M., Morales-Nin, B. Environmental effects on recreational squid jigging fishery catches. ICES Journal of Marine Sciences. (2012) ICES Journal of Marine Science, 69, pp. 1823–1830. DOI:10.1093/icesjms/fss159
- 45) Morales-Nin, B., Geffen, A.J., Pérez-Mayol, S., Palmer, M., González-Quirós, R., Grau, A. Seasonal and ontogenic migrations of meagre (*Argyrosomus regius*) determined by otolith geochemical signatures. (2012) Fisheries Research, 127, pp. 154– 165. DOI:10.1016/j.fishres.2012.02.012
- 46) Álvarez, I., Catalán, I.A., Jordi, A., Palmer, M., Sabatés, A., Basterretxea, G. Drivers of larval fish assemblage shift during the spring-summer transition in the coastal Mediterranean (2012) Estuarine, Coastal and Shelf Science, 97, pp. 127-135. DOI: 10.1016/j.ecss.2011.11.029
- 47) Linde, M., Palmer, M., Alós, J. Why protogynous hermaphrodite males are relatively larger than females? Testing growth hypotheses in Mediterranean rainbow wrasse *Coris julis* (Linnaeus, 1758) (2011) Environmental Biology of Fishes, 92 (3), pp. 337-349. DOI: 10.1007/s10641-011-9844-9
- 48) Cabanellas-Reboredo, M., Alós, J., Palmer, M., Grädel, R., Morales-Nin, B. Simulating the indirect handline jigging effects on the European squid *Loligo vulgaris* in captivity (2011) Fisheries Research, 110 (3), pp. 435-440. DOI: 10.1016/j.fishres.2011.05.013
- 49) Palmer, M., Balle, S., March, D., Alós, J., Linde, M. Size estimation of circular home range from fish mark-release-(single)- recapture data: Case study of a small labrid targeted by recreational fishing (2011) Marine Ecology Progress Series, 430, pp. 87-97. DOI: 10.3354/meps09109
- 50) March, D., Alós, J., Grau, A., Palmer, M. Short-term residence and movement patterns of the annular seabream *Diplodus annularis* in a temperate marine reserve (2011) Estuarine, Coastal and Shelf Science, 92 (4), pp. 581-587. DOI: 10.1016/j.ecss.2011.02.015
- 51) Alós, J., March, D., Palmer, M., Grau, A., Morales-Nin, B. Spatial and temporal patterns in *Serranus cabrilla* habitat use in the NW Mediterranean revealed by acoustic telemetry (2011) Marine Ecology Progress Series, 427, pp. 173-186. DOI: 10.3354/meps09042
- 52) Morales-Nin, B., Grau, A., Pérez-Mayol, S., Pastor, E., Palmer, M. Oxytetracycline hydrochloride vital labelling revisited: The case of *Dicentrarchus labrax* and *Diplodus puntazzo* (2011) Journal of Fish Biology, 78 (3), pp. 762-782. DOI: 10.1111/j.1095-8649.2010.02887.x
- 53) Lombarte, A., Palmer, M., Matallanas, J., Gómez-Zurita, J., Morales-Nin, B. Ecomorphological trends and phylogenetic inertia of otolith sagittae in Nototheniidae (2010) Environmental Biology of Fishes, 89 (3), pp. 607-618. DOI: 10.1007/s10641-010-9673-2
- 54) Alós, J., Palmer, M., Balle, S., Grau, A.M., Morales-Nin, B. Individual growth pattern and variability in *Serranus scriba*: A Bayesian analysis (2010) ICES Journal of Marine Science, 67 (3), pp. 502-512. DOI: 10.1093/icesjms/fsp265
- 55) March, D., Palmer, M., Alós, J., Grau, A., Cardona, F. Short-term residence, home range size and diel patterns of the painted comber *Serranus scriba* in a temperate marine reserve (2010) Marine Ecology Progress Series, 400, pp. 195-206. DOI: 10.3354/meps08410
- 56) Morales-Nin, B., Grau, A.M., Palmer, M. Managing coastal zone fisheries: A Mediterranean case study (2010) Ocean and Coastal Management, 53 (3), pp. 99-106. DOI: 10.1016/j.ocecoaman.2010.01.003
- 57) Palmer, M., Linde, M., Morales-Nin, B. Disentangling fluctuating asymmetry from otolith shape (2010) Marine Ecology Progress Series, 399, pp. 261-272. DOI: 10.3354/meps08347

- 58) Cerdà, M., Alós, J., Palmer, M., Grau, A.M., Riera, F. Managing recreational fisheries through gear restrictions: The case of limiting hook size in the recreational fishery from the Balearic Islands (NW Mediterranean) (2010) *Fisheries Research*, 101 (3), pp. 146-155. DOI: 10.1016/j.fishres.2009.09.016
- 59) Alós, J., Palmer, M., Alonso-Fernández, A., Morales-Nin, B. Individual variability and sex-related differences in the growth of *Diplodus annularis* (Linnaeus, 1758) (2010) *Fisheries Research*, 101 (1-2), pp. 60-69. DOI: 10.1016/j.fishres.2009.09.007
- 60) Alós, J., Mateu-Vicens, G., Palmer, M., Grau, A.M., Cabanellas-Reboredo, M., Box, A. Performance of circle hooks in a Mixed-species recreational fishery (2009) *Journal of Applied Ichthyology*, 25 (5), pp. 565-570. DOI: 10.1111/j.1439-0426.2009.01272.x
- 61) Alós, J., Palmer, M., Grau, A.M., Mortality of *Diplodus annularis* and *Lithognathus mormyrus* released by recreational anglers: Implications for recreational fisheries management (2009) *Fisheries Management and Ecology*, 16 (4), pp. 298-305. DOI: 10.1111/j.1365-2400.2009.00675.x
- 62) Alós, J., Arlinghaus, R., Palmer, M., March, D., Álvarez, I. The influence of type of natural bait on fish catches and hooking location in a mixed-species marine recreational fishery, with implications for management (2009) *Fisheries Research*, 97 (3), pp. 270-277. DOI: 10.1016/j.fishres.2009.03.003
- 63) Palmer, M., Quetglas, A., Guijarro, B., Moranta, J., Ordines, F., Massutí, E. Performance of artificial neural networks and discriminant analysis in predicting fishing tactics from multispecific fisheries (2009) *Canadian Journal of Fisheries and Aquatic Sciences*, 66 (2), pp. 224-237. DOI: 10.1139/F08-208
- 64) Castilla, A.M., Dauwe, T., Mora, I., Palmer, M., Guitart, R. Mortality of the yellow mealworm *Tenebrio molitor* exposed to fertilizers and herbicides commonly used in agriculture (2008) *Vie et Milieu*, 58 (3-4), pp. 263-275.
- 65) Alós, J., Palmer, M., Grau, A.M., Deudero, S. Effects of hook size and barbless hooks on hooking injury, catch per unit effort, and fish size in a mixed-species recreational fishery in the western Mediterranean Sea (2008) *ICES Journal of Marine Science*, 65 (6), pp. 899-905. DOI: 10.1093/icesjms/fsn067
- 66) Moranta, J., Massutí, E., Stefanescu, C., Palmer, M., Morales-Nin, B. Short-term temporal variability in fish community structure at two western Mediterranean slope locations (2008) *Deep-Sea Research Part I: Oceanographic Research Papers*, 55 (7), pp. 866-880. DOI: 10.1016/j.dsr.2008.04.001
- 67) Linde, M., Palmer, M. Testing Allsop and West's size at sex change invariant within a fish species: A spurious ratio or a useful group descriptor? (2008) *Journal of Evolutionary Biology*, 21 (3), pp. 914-917. DOI: 10.1111/j.1420-9101.2008.01508.x
- 68) Álvarez, A., Morales-Nin, B., Palmer, M., Tomás, J., Sastre, J. A two-dimension otolith growth inverse model (2008) *Journal of Fish Biology*, 72 (3), pp. 512-522. DOI: 10.1111/j.1095-8649.2007.01715.x
- 69) Martinez-Ribes, L., Basterretxea, G., Palmer, M., Tintoré, J. Origin and abundance of beach debris in the Balearic Islands (2007) *Scientia Marina*, 71 (2), pp. 305-314.
- 70) Moranta, J., Massutí, E., Palmer, M., Gordon, J.D.M. Geographic and bathymetric trends in abundance, biomass and body size of four grenadier fishes along the Iberian coast in the western Mediterranean (2007) *Progress in Oceanography*, 72 (1), pp. 63-83. DOI: 10.1016/j.pocean.2006.09.003
- 71) Moranta, J., Palmer, M., Morey, G., Ruiz, A., Morales-Nin, B. Multi-scale spatial variability in fish assemblages associated with *Posidonia oceanica* meadows in the Western Mediterranean Sea (2006) *Estuarine, Coastal and Shelf Science*, 68 (3-4), pp. 579-592. DOI: 10.1016/j.ecss.2006.03.008
- 72) Alemany, F., Deudero, S., Morales-Nin, B., López-Jurado, J.L., Jansà, J., Palmer, M., Palomera, I. Influence of physical environmental factors on the composition and horizontal distribution of summer larval fish assemblages off Mallorca island (Balearic archipelago, western Mediterranean) (2006) *Journal of Plankton Research*, 28 (5), pp. 473-487. DOI: 10.1093/plankt/fbi123

- 73) Ordines, F., Moranta, J., Palmer, M., Lerycke, A., Suau, A., Morales-Nin, B., Grau, A.M. Variations in a shallow rocky reef fish community at different spatial scales in the western Mediterranean Sea (2005) *Marine Ecology Progress Series*, 304, pp. 221-233. DOI: [10.3354/meps304221](https://doi.org/10.3354/meps304221)
- 74) McMinn, M., Palmer, M., Alcover, J.A. A new species of rail (Aves: Rallidae) from the Upper Pleistocene and Holocene of Eivissa (Pityusic Islands, western Mediterranean) (2005) *Ibis*, 147 (4), pp. 706-716. DOI: [10.1111/j.1474-919X.2005.00442.x](https://doi.org/10.1111/j.1474-919X.2005.00442.x)
- 75) Palmer, M., Álvarez, A., Tomás, J., Morales-Nin, B. A new method for robust feature extraction of otolith growth marks using fingerprint recognition methods (2005) *Marine and Freshwater Research*, 56 (5), pp. 791-794. DOI: [10.1071/MF04207](https://doi.org/10.1071/MF04207)
- 76) Morales-Nin, B., Swan, S.C., Gordon, J.D.M., Palmer, M., Geffen, A.J., Shimmield, T., Sawyer, T. Age-related trends in otolith chemistry of *Merluccius merluccius* from the north-eastern Atlantic Ocean and the western Mediterranean Sea (2005) *Marine and Freshwater Research*, 56 (5), pp. 599-607. DOI: [10.1071/MF04151](https://doi.org/10.1071/MF04151)
- 77) Daverat, F., Tomas, J., Lahaye, M., Palmer, M., Elie, P. Tracking continental habitat shifts of eels using otolith Sr/Ca ratios: Validation and application to the coastal, estuarine and riverine eels of the Gironde-Garonne-Dordogne watershed (2005) *Marine and Freshwater Research*, 56 (5), pp. 619-627. DOI: [10.1071/MF04175](https://doi.org/10.1071/MF04175)
- 78) Moranta, J., Palmer, M., Massutí, E., Stefanescu, C., Morales-Nin, B. Body fish size tendencies within and among species in the deep-sea of the western Mediterranean (2004) *Scientia Marina*, 68 (SUPPL. 3), pp. 141-152.
- 79) Palmer, M., Linde, M., Pons, G.X. Correlational patterns between invertebrate species composition and the presence of an invasive plant (2004) *Acta Oecologica*, 26 (3), pp. 219-226. DOI: [10.1016/j.actao.2004.05.005](https://doi.org/10.1016/j.actao.2004.05.005)
- 80) Linde, M., Palmer, M., Gómez-Zurita, J. Differential correlates of diet and phylogeny on the shape of the premaxilla and anterior tooth in sparid fishes (Perciformes: Sparidae) (2004) *Journal of Evolutionary Biology*, 17 (5), pp. 941-952. DOI: [10.1111/j.1420-9101.2004.00763.x](https://doi.org/10.1111/j.1420-9101.2004.00763.x)
- 81) Palmer, M., Pons, G.X., Linde, M. Discriminating between geographical groups of a Mediterranean commercial clam (*Chamelea gallina* (L.): Veneridae) by shape analysis (2004) *Fisheries Research*, 67 (1), pp. 93-98. DOI: [10.1016/j.fishres.2003.07.006](https://doi.org/10.1016/j.fishres.2003.07.006)
- 82) Palmer, M., Fornós, J.J., Balaguer, P., Gómez-Pujol, LL., Pons, G.X., Villanueva, G. Spatial and seasonal variability of the macro-invertebrate community of a rocky coast in Mallorca (Balearic Islands): Implications for bioerosion (2003) *Hydrobiologia*, 501, pp. 13-21. DOI: [10.1023/A:1026216230109](https://doi.org/10.1023/A:1026216230109)
- 83) Palmer, M., Petitpierre, E., Pons, J. Test of the correlation between body size and DNA content in *Pimelia* (Coleoptera: Tenebrionidae) from the Canary Islands (2003) *European Journal of Entomology*, 100 (1), pp. 123-129.
- 84) Carbonell, A., Palmer, M., Abelló, P., Torres, P., Alemany, R., Gil De Sola, L. Mesoscale geographical patterns in the distribution of pandalid shrimps *Plesionika* spp. in the Western Mediterranean (2003) *Marine Ecology Progress Series*, 247, pp. 151-158.
- 85) Palmer, M. Landmark-based morphometric analysis of two sibling species of the genus *Asida* (Coleoptera, Tenebrionidae) (2002) *Contributions to Zoology*, 70 (4).
- 86) Palmer, M. Testing the 'island rule' for a tenebrionid beetle (Coleoptera, Tenebrionidae) (2002) *Acta Oecologica*, 23 (2), pp. 103-107. DOI: [10.1016/S1146-609X\(02\)01140-2](https://doi.org/10.1016/S1146-609X(02)01140-2)
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