

## Paolo Guidetti



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**Current Position:** Direttore di Ricerca V° livello, Research Director

**Current Affiliation:** Integrative Marine Ecology Department, Stazione Zoologica Anton Dohrn, Napoli (Italy)

### Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Liceo Classico G. Mazzini, Genoa, Italy	Maturità Classica	1983-1988	High School
Università di Genova, Italy	Master (Laurea)	1988-1994	Biological sciences
Stazione Zoologica Anton Dohrn, Napoli, Italy	Research Fellowship	1996-1999	Ecology of Adriatic marine phanerogams
Università di Lecce, Italy (stay at Scripps Institution of Oceanography, San Diego, USA)	Ph.D.	2001-2004	Fish ecology-Marine Conservation-Marine Protected Areas
Università del Salento, Lecce, Italy	Postdoc	2004-2007	Fish ecology-Marine Conservation-Marine Protected Areas
Università del Salento, Lecce, Italy	Lecturer in Zoology	2007-2012	Fish ecology-Marine Conservation-Marine Protected Areas
Université Nice Sophia Antipolis/Université Côte d'Azur, Nice, France	Full Professor of Ecology	2012-2020	Fish ecology-Marine Conservation-Marine Protected Areas-Marine Socioecology
Stazione Zoologica Anton Dohrn, Napoli, Italy	Research Director	2021-present	Fish ecology-Marine Conservation-Marine Protected Areas-Marine Socioecology

## **Appointments and awards**

2016-2020: Director of the Research Unit ECOSEAS (CNRS & University Côte d'Azur), Nice, France

2015-2019: PEDR (PhD tutorship and research excellence award) – French National Ministry of Education, Higher Education, and Research.

2015: Scientific award ‘Golden saw’, University of Genoa (Italy).

2010: Public award ‘Premio Ambiente-Faraglioni di Puglia’ (Municipality of Mattinata and Apulia Region).

2006: Special Award of the Italian Society of Ecology to a young Italian researcher for the best paper in the field of ecology published in an international journal in 2005-2006.

2004: Award “Roberto Marchetti” for best oral presentation at 14<sup>o</sup> Congress of the Italian Society of Ecology.

2018-present: member of the Editorial Board of the European Zoological Journal.

2017-present: member of the Editorial Board of Mediterranean Marine Science.

2017-present: member of the Editorial Board of Aquatic Conservation: Marine and Freshwater Ecosystems.

2007-present: Reviewer for the following funding agencies: National Science Foundation (NSF; USA); University of Hawaii-Sea Grant Program (SGP; USA); European Fund for Regional Development (FED; France); Agence Nationale de la Recherche (ANR; France).

2001-present: PI/WP leader of more than 70 research projects (national, international, EU; public and private funding)

## **Other**

2016: Visiting Scientist (competitive project selection) at University of Cagliari (Italy) for research (in collaboration with Prof. A. Cau) on fish communities in MPAs and Natura 2000 sites around Sardinia Island).

2011: participation to the XXVII Antarctic Italian Expedition at Mario Zucchelli Station, Antarctica.

2003 and 2004: Visiting scientist at Scripps Institution of Oceanography (Center for Marine Biodiversity and Conservation, University of California, San Diego, USA) for collaboration with Prof. E. Sala in the framework of research on the effects of MPAs on marine communities.

## **Students' Supervision**

Supervisor of 9 Ph.D. students and more than 10 Postdoctoral researchers (past and present).

## **Publications**

Author of 146 publications on ISI-journals (h index: 39) and 11 book chapters.

*List of publications of the last 10 years:*

## Peer-reviewed

1. Aglieri G., Baillie C., Mariani S., Cattano C., Calò A., Turco G., Spatafora D., Di Franco A., Di Lorenzo M., Guidetti P., Milazzo M., 2020. Environmental DNA effectively captures functional diversity of coastal fish communities. *Molecular Ecology*. <https://doi.org/10.1111/mec.15661>
2. Vilas D., Coll M., Corrales X., Steenbeek J., Piroddi C., Calò A., Di Franco A., Font T., Guidetti P., Ligas A., Lloret J., Prato G., Sahyoun R., Sartor P., Claudet J., 2020. The effects of marine protected areas on ecosystem recovery and fisheries using a comparative modelling approach. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 30: 1885–1901. <https://doi.org/10.1002/aqc.3368>
3. Di Franco E., Pierson P., Di Iorio L., Calò A., Cottalorda J.M., Derijard B., Di Franco A., Galvé A., Guibbolini M., Lebrun J., Micheli F., Priouzeau F., Risso-de Faverney C., Rossi F., Sabourault C., Spennato G., Verrando P., Guidetti P., 2020. Effects of marine noise pollution on Mediterranean fishes and invertebrates: A review. *Marine Pollution Bulletin*, 159, 111450. <https://doi.org/10.1016/j.marpolbul.2020.111450>
4. Di Lorenzo M., Guidetti P., Di Franco A., Claudet J., 2020. Assessing spillover from marine protected areas and its drivers: A meta-analytical approach. *Fish and Fisheries*, 21: 906-915. DOI: 10.1111/faf.12469
5. Belharet M., Di Franco A., Calò A., Mari L., Claudet J., Casagrandi R., Gatto M., Lloret J., Sève C., Guidetti P., Melià P., 2020. Extending full protection inside existing marine protected areas, or reducing fishing effort outside, can reconcile conservation and fisheries goals. *Journal of Applied Ecology*, 57: 1948-1957. <https://doi.org/10.1111/1365-2664.13688>
6. Gerovasileiou V., Akyol O., Al-Hosne Z., Alshikh Rasheed R., Ataç E., Bello G., Četković I., Corsini-Foka M., Crocetta F., Denitto F., Guidetti P., Gül B., Insacco G., Jimenez C., Licchelli C., Lipej L., Lombardo A., Mancini E., Marletta G., Michailidis N., Pešić A., Poursanidis D., Refes W., Sahraoui H., Thasitis I., Tiralongo F., Tosunoğlu Z., Trkov D., Vazzana A., Zava B., 2020. New records of rare species in the Mediterranean Sea (May 2020). *Mediterranean Marine Science*, 21 (2), 340-359. doi:<https://doi.org/10.12681/mms.22148>
7. Di Franco A., Hogg K.E., Calò A., Bennett N.J., Sévin-Allouet M.A., Esparza Alaminos O., Lang M., Koutsoubas D., Prvan M., Santarossa L., Niccolini F., Milazzo M., Guidetti P., 2020. Improving marine protected area governance through collaboration and co-production. *Journal of Environmental Management* 269 (2020) 110757. <https://doi.org/10.1016/j.jenvman.2020.110757>
8. Corrales X., Vilas D., Piroddi C., Steenbeek J., Claudet J., Lloret J., Calò A., Di Franco A., Font T., Ligas A., Prato G., Sahyoun R., Sartor P., Guidetti P., Coll M., 2020. Multi-zone marine protected areas: Assessment of ecosystem and fisheries benefits using multiple ecosystem models. *Ocean and Coastal Management*, 193, 105232. <https://doi.org/10.1016/j.ocecoaman.2020.105232>
9. Bennett N.J., Calò A., Di Franco A., Niccolini F., Marzo D., Domina I., Dimitriadis C., Sobrado F., Santoni M.C., Charbonnel E., Trujillo M., Garcia-Charton J., Seddiki L., Cappanera V., Grbin J., Kastelic L., Milazzo M., Guidetti P., 2020. Social equity and marine protected areas: Perceptions of small-scale fishermen in the Mediterranean Sea. *Biological Conservation*, 244, 108531. <https://doi.org/10.1016/j.biocon.2020.108531>

10. Blowes S.A., Chase J.M., Di Franco A., Frid O., Gotelli N.J., Guidetti P., Knight T.M., May F., McGlenn D.J., Micheli F., Sala E., Belmaker J., 2020. Mediterranean marine protected areas have higher biodiversity via increased evenness, not abundance. *Journal of Applied Ecology*, 57: 578–589. <https://doi.org/10.1111/1365-2664.13549>
11. Melià P., Casagrandi R., Di Franco A., Guidetti P., Gatto M., 2020. Protection reveals density-dependent dynamics in fish populations: A case study in the central Mediterranean. *PLoS ONE* 15(2): e0228604. <https://doi.org/10.1371/journal.pone.0228604>
12. Mazzoldi C., Bearzi G., Brito C., Carvalho I., Desiderà E., Endrizzi L., Freitas L., Giacomello E., Giovos I., Guidetti P., Ressurreição A., Tull M., MacDiarmid A., 2019. From sea monsters to charismatic megafauna: changes in perception and use of large marine animals. *PLoS ONE* 14(12): e0226810. <https://doi.org/10.1371/>
13. Giakoumi S., Peya A., Thiriet P., Francour P., Guidetti P., 2019. Patterns of predation on native and invasive alien fish in Mediterranean protected and unprotected areas. *Marine Environmental Research* 150, 104792. <https://doi.org/10.1016/j.marenvres.2019.104792>
14. Bennett N.J., Cisneros-Montemayor A.M., Blythe J., Silver J.J., Singh G., Andrews N., Calò A., Christie P., Di Franco A., Finkbeiner E.M., Gelcich S., Guidetti P., Harper S., Hotte N., Kittinger J.N., Le Billon P., Lister J., Lopez de la Lama R., McKinley E., Scholtens J., Solàs A.-M., Sowman M., Talloni-Álvarez N., Teh L.C.L., Voyer M., Sumaila U.R., 2019. Towards a sustainable and equitable blue economy. *Nature Sustainability*, 1–3. <https://doi.org/10.1038/s41893-019-0404-1>
15. Cau A., Bellodi A., Cannas R., Fois M., Guidetti P., Moccia D., Porcu C., Pusceddu A., Follesa M.C., 2019. European spiny lobster recovery from overfishing enhanced through active restocking in Fully Protected Areas. *Scientific Reports* 9, 13025; <https://doi.org/10.1038/s41598-019-49553-8>
16. Bennett N.J., Di Franco A., Calò A., Nethery E., Niccolini F., Milazzo M., Guidetti P., 2019. Local support for conservation is associated with perceptions of good governance, social impacts, and ecological effectiveness. *Conservation Letters* 2019; 12:e12640. <https://doi.org/10.1111/conl.12640>
17. Desiderà E., Magnani L., Navone A., Guidetti P., Mazzoldi C., 2019. First direct evidence of reproductive behaviour of the white grouper, *Epinephelus aeneus* (Geoffroy Saint-Hilaire, 1817). *Mediterranean Marine Science*, 20(2): 326-330. [doi:http://dx.doi.org/10.12681/mms.19756](http://dx.doi.org/10.12681/mms.19756)
18. Guidetti P., Addis P., Atzori F., Bussotti S., Calò A., Cau A., Culioli J.M., De Lucia G.A., Di Franco A., Di Lorenzo M., Follesa M.C., Gazale V., Massaro G., Mura F., Navone A., Pala D., Panzalis P.A., Pusceddu A., Ruiu A., Cau A., 2019. Assessing the potential of marine Natura 2000 sites to produce ecosystem-wide effects in rocky reefs: a case study from Sardinia Island (Italy). *Aquatic Conservation: Marine and Freshwater Ecosystems*, 29: 537–545.
19. Scianna C., Niccolini F., Giakoumi S., Di Franco A., Gaines S.D., Bianchi C.N., Scaccia L., Bava S., Cappanera V., Charbonnel E., Culioli J.M., Di Carlo G., De Franco F., Dimitriadis C., Panzalis P.A., Santoro P., Guidetti P., 2019. Organization Science improves management effectiveness of Marine Protected Areas. *Journal of Environmental Management*, 240: 285-292.

20. Di Franco A, Calo` A, Sdiri K, Cattano C, Milazzo M, Guidetti P., 2019. Ocean acidification affects somatic and otolith growth relationship in fish: evidence from an in situ study. *Biology Letters*, 15: 20180662. <http://dx.doi.org/10.1098/rsbl.2018.0662>
21. Desiderà E., Guidetti P., Panzalis P.A., Navone A., Valentini-Poirrier C.A., Boissery P., Gervaise C., Di Iorio L., 2019. Acoustic fish communities: sound diversity of rocky habitats reflects fish species diversity. *Marine Ecology Progress Series*, 608: 183–197; <https://doi.org/10.3354/meps12812>
22. Giakoumi S., Pey A., Di Franco A., Francour P., Kizilkaya Z., Arda Y., Raybaud V., Guidetti P., 2019. Exploring the relationships between Marine Protected Areas and invasive fish in the world’s most invaded sea. *Ecological Applications*, 29(1): e01809
23. Bakiu R., Cakalli M., Korro K., Di Franco A., Guidetti P., 2018. Small-scale fisheries at an Albanian Marine Protected Area: a collaborative attitude is associated with higher catches. *Marine and Coastal Fisheries*, 10: 527-535.
24. Giakoumi S., McGowan J., Mills M., Beger M., Bustamante R.H., Charles A., Christie P., Fox M., Garcia-Borboroglu P., Gelcich S., Guidetti P., Mackelworth P., Maina J.M., McCook L., Micheli F., Morgan L.E., Mumby P.J., Reyes L.M., White A., Grorud-Colvert K., Possingham H.P., 2018. Revisiting “Success” and “Failure” of Marine Protected Areas: A Conservation Scientist Perspective. *Frontiers in Marine Sciences*, 5: 223. doi: 10.3389/fmars.2018.00223
25. Scianna C., Niccolini F., Bianchi C.N., Guidetti P., 2018. Applying organization science to assess the management performance of Marine Protected Areas: an exploratory study. *Journal of Environmental Management*, 223: 175–184.
26. Bussotti S., Di Franco A., Bianchi C.N., Chevaldonné P., Egea L., Fanelli E., Lejeusne C., Musco L., Navarro-Barranco C., Pey A., Planes S., Vieux-Ingrassia J.V., Guidetti P., 2018. Fish mitigate trophic depletion in marine cave ecosystems. *Scientific Reports* 8, 9193; <https://doi.org/10.1038/s41598-018-27491-1>
27. Ben Lamine E., Guidetti P., Romdhane M., Francour P., 2018. Fish assemblages along the coasts of Tunisia: a baseline study to assess the effectiveness of future Marine Protected Areas. *Mediterranean Marine Science*, 19: 11-20. doi:<http://dx.doi.org/10.12681/mms.14206>
28. O’Leary B.C., Ban N.C., Fernandez M., Friedlander A.M., García-Borboroglu P., Golbuu Y., Guidetti P., Harris J.M., Hawkins J.P., Langlois T., McCauley D.J., Pikitch E.K., Richmond R.H., Roberts C.M., 2018. Addressing criticisms of Large-Scale Marine Protected Areas. *BioScience*, 68: 359–370. <https://doi.org/10.1093/biosci/biy021>
29. Zupan M., Bulleri F., Evans J., Fraschetti S., Guidetti P., Garcia-Rubies A., Sostres M., Asnaghi V., Caro A., Deudero S., Goñi R., Guarnieri G., Guilhaumon F., Kersting D., Kokkali A., Kruschel C., Macic V., Mangialajo L., Mallol S., Macpherson E., Panucci A., Radolovic M., Ramdani M., Schembri P.J., Terlizzi A., Villa E., Claudet J., 2018. How good is your marine protected area at curbing threats? *Biological Conservation*, 221: 237–245
30. Di Franco A., Plass-Johnson J.G., Di Lorenzo M., Meola B., Claudet J., Gaines S.D., García-Charton J.A., Giakoumi S., Grorud-Colvert K., Hackradt C.W., Micheli F., Guidetti P.,

2018. Linking home ranges to protected area size: the case study of the Mediterranean Sea. *Biological Conservation*, 221: 175–181
31. Bianchi C., Caroli F., Guidetti P., Morri C., 2018. Seawater warming at the northern reach for southern species: Gulf of Genoa, NW Mediterranean. *Journal of the Marine Biological Association of the United Kingdom*, 98: 1-12. doi:10.1017/S0025315417000819
32. Guidetti P., Danovaro R., 2018. Global ocean conservation under the magnifying glass. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 28: 259–260. <https://doi.org/10.1002/aqc.2854>
33. Cattano C., Calò A., Di Franco A., Firmamento R., Quattrocchi F., Sdiri K., Guidetti P., Milazzo M., 2017. Ocean acidification does not impair predator recognition but increases juvenile growth in a temperate wrasse off CO<sub>2</sub> seeps. *Marine Environmental Research*, 132: 33-40.
34. Giakoumi S., Scianna C., Plass-Johnson J., Micheli F., Grorud-Colvert K., Thiriet P., Claudet J., Di Carlo G., Di Franco A., Gaines S.D., García-Charton J.A., Lubchenco J., Reimer J., Sala E., Guidetti P., 2017. Ecological effects of full and partial protection in the crowded Mediterranean Sea: a regional meta-analysis. *Scientific Reports* 7, 8940; doi:10.1038/s41598-017-08850-w
35. Bussotti S., Di Franco A., Pey A., Vieux-Ingrassia J.V., Planes S., Guidetti P., 2017. Distribution patterns of marine cave fishes and the potential role of the cardinal fish *Apogon imberbis* (Linnaeus, 1758) for cave ecosystem functioning in the western Mediterranean. *Aquatic Living Resources*, 30 15. DOI: <https://doi.org/10.1051/alr/2017016>
36. Thibaut T., Blanfuné A., Boudouresque C.F., Personnic S., Ruitton S., Ballesteros E., Bellan-Santini D., Bianchi C.N., Bussotti S., Cebrian E., Cheminée A., Culioli J.M., Derrien-Courtel S., Guidetti P., Harmelin-Vivien M., Hereu B., Morri C., Poggiale J.C., Verlaque M., 2017. An ecosystem-based approach to assess the status of Mediterranean algae-dominated shallow rocky reefs. *Marine Pollution Bulletin* 117: 311–329.
37. Prato G., Barrier C., Francour P., Cappanera V., Markantonatou V., Guidetti P., Mangialajo L., Cattaneo-Vietti R., Gascuel D., 2016. Assessing interacting impacts of artisanal and recreational fisheries in a small Marine Protected Area (Portofino, NW Mediterranean Sea). *Ecosphere* 7(12):e01601. [10.1002/ecs2.1601](https://doi.org/10.1002/ecs2.1601)
38. Sahyoun R., Guidetti P., Di Franco A., Planes S., 2016. Patterns of fish connectivity between a Marine Protected Area and surrounding fished areas. *PLoS ONE* 11(12): e0167441. doi:10.1371/journal.pone.0167441
39. Di Franco A., Thiriet P., Di Carlo G., Dimitriadis C., Francour P., Gutiérrez N.L., Jeudy de Grissac A., Koutsoubas D., Milazzo M., del Mar Otero M., Pianta C., Plass-Johnson J., Sainz-Trapaga S., Santarossa L., Tudela S., Guidetti P., 2016. Five key attributes can increase marine protected areas performance for small-scale fisheries management. *Scientific Reports* 6, 38135; doi: 10.1038/srep38135.
40. Thiriet P.D., Di Franco A., Cheminée A., Guidetti P., Bianchimani O., Basthard-Bogain S., Cottalorda J.M., Arceo H., Moranta J., Lejeune P., Francour P., Mangialajo L., 2016. Abundance and diversity of crypto- and necto-benthic coastal fish are higher in marine forests

than in structurally less complex macroalgal assemblages. PLoS ONE 11(10): e0164121. doi:10.1371/journal.pone.0164121

41. Milazzo M., Quattrocchi F., Azzurro E., Palmeri A., Chemello R., Di Franco A., Guidetti P., Sala E., Sciandra M., Badalamenti F., García-Charton J.A., 2016. Warming-related shifts in the distribution of two competing coastal wrasses. *Marine Environmental Research* 120: 55-67.
42. Di Lorenzo M., Claudet J., Guidetti P., 2016. Spillover from marine protected areas to adjacent fisheries has an ecological and a fishery component. *Journal for Nature Conservation* 32: 62–66.
43. Di Lorenzo M., Vega Fernandez T., Badalamenti F., Guidetti P., Starr R.M., Giacalone V.M., Di Franco A., D'Anna G., 2016. Diel activity and variability in habitat use of white sea bream in a temperate marine protected area. *Marine Environmental Research* 116: 1-9.
44. Guidetti P., Magnani L., Navone A., 2016. First record of the acanthurid fish *Zebrasoma xanthurum* (Blyth, 1852) in the Mediterranean Sea, with some considerations on the risk associated with the aquarium trade. *Mediterranean Marine Science* 17: 147-151.
45. Di Franco A., Calò A., Pennetta A., De Benedetto G., Planes S., Guidetti P., 2015. Dispersal of larval and juvenile seabream: Implications for Mediterranean marine protected areas. *Biological Conservation* 192: 361–368.
46. Scianna C., Niccolini F., Gaines S.D., Guidetti P., 2015. ‘Organization Science’: A new prospective to assess marine protected areas effectiveness. *Ocean & Coastal Management* 116: 443-448.
47. Giakoumi S., Halpern B.S., Michel L.N., Gobert S., Sini M., Boudouresque C.F., Gambi M.C., Katsanevakis S., Lejeune P., Montefalcone M., Pergent G., Pergent-Martini C., Sanchez-Jerez P., Velimirov B., Vizzini S., Abadie A., Coll M., Guidetti P., Micheli F., Possingham H.P., 2015. Towards a framework for assessment and management of cumulative human impacts on marine food webs. *Conservation Biology* 29: 1228-1234.
48. Di Franco A., Gianni F., Guidetti P., 2015. Mismatch in early life traits between settlers and recruits in a Mediterranean fish: clue of the relevance of the settlement tail? *Acta Ichthyologica et Piscatoria*, 45: 153-159.
49. Bussotti S., Di Franco A., Francour P., Guidetti P., 2015. Fish assemblages of Mediterranean marine caves. *PlosOne* 10(4): e0122632. doi:10.1371/journal.pone.0122632.
50. Rastorgueff P.A., Bellan-Santini D., Bianchi C.N., Bussotti S., Chevaldonné P., Guidetti P., Harmelin J.G., Montefalcone M., Morri C., Perez T., Ruitton S., Vacelet J., Personnic S., 2015. An ecosystem-based approach to evaluate the ecological quality of Mediterranean undersea caves. *Ecological Indicators* 54: 137-152.
51. Guidetti P., Ghigliotti L., Vacchi M., 2015. Insights on spatial distribution patterns of early stages of the Antarctic silverfish, *Pleuragramma antarctica*, in the platelet ice of Terra Nova Bay, Antarctica. *Polar Biology* 38: 333-342.
52. Guidetti P., Parravicini V., Morri C., Bianchi C.N., 2014. Against nature? Why ecologists should not diverge from natural history. *Vie et Milieu*, 64: 1-8.

53. Di Franco A., Bulleri F., Pennetta A., De Benedetto G., Clarke K.R., Guidetti P., 2014. Within-otolith variability in chemical fingerprints: implications for sampling designs and possible environmental interpretation. *PLoS ONE* 9(7): e101701. doi:10.1371/journal.pone.0101701
54. Guidetti P., Baiata P., Ballesteros E., Di Franco A., Hereu B., Macpherson E., Micheli F., Pais A., Panzalis P.A., Rosenberg A.A., Zabala M., Sala E., 2014. Large-scale assessment of Mediterranean Marine Protected Areas effects on fish assemblages. *PLoS ONE*, 9(4): e91841. doi:10.1371/journal.pone.0091841.
55. Di Lorenzo M., D'Anna G., Badalamenti F., Giacalone V.M., Starr R., Guidetti P., 2014. Fitting the size of no-take zone to species movement patterns: a case study on a Mediterranean seabream. *Marine Ecology Progress Series*, 502: 245-255.
56. Pujolar J.M., Schiavina M., Di Franco A., Melià M., Guidetti P., Gatto M., De Leo G.A., Zane L., 2013. Understanding the effectiveness of marine protected areas using genetic connectivity patterns and Lagrangian simulations. *Diversity and Distributions*, 19: 1531-1542.
57. La Mesa G., Guidetti P., Bussotti S., Cattaneo-Vietti R., Manganaro A., Molinari A., Russo G.F., Spanò N., Gennaro V., Tunesi L., 2013. Rocky reef fish assemblages at six Mediterranean marine protected areas: broad-scale patterns in assemblage structure, species richness and composition. *Italian Journal of Zoology*, 80: 90-103.
58. Papetti C., Di Franco A., Zane L., Guidetti P., De Simone V., Spizzotin M., Zorica B., Cikes Kec V., Mazzoldi C., 2013. Single population and common natal origin for Adriatic Scomber scombrus stocks: evidence from an integrated approach. *ICES Journal of Marine Science*, 70: 387-398.
59. Di Franco A., Kaicheng Q., Calò A., Di Lorenzo M., Planes S., Guidetti P., 2013. Assessing patterns of variability in early life traits: the case study of a Mediterranean coastal fish. *Marine Ecology Progress Series*, 476: 227-235.
60. Sahyoun R., Bussotti S., Di Franco A., Navone A., Panzalis P., Guidetti P., 2013. Protection effects on Mediterranean fish assemblages associated with different rocky habitats. *Journal of the Marine Biological Association of the United Kingdom*, 93: 425-435.
61. Di Franco A., Di Lorenzo M., Guidetti P., 2013. Spatial patterns of density at multiple life stages in protected and unprotected conditions: an example from a Mediterranean coastal fish. *Journal of Sea Research*, 76: 73-81.
62. Guidetti P., Petrillo M., De Benedetto G., Albertelli G., 2013. The use of otolith microchemistry to investigate spawning patterns of European anchovy: a case study in the eastern Ligurian Sea (NW Mediterranean). *Fisheries Research*, 139: 1-4.
63. Guidetti P., Notarbartolo di Sciara G., Agardy T., 2013. Integrating pelagic and coastal MPAs into large-scale ecosystem-wide management. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 23: 179-182.
64. Di Franco A., Coppini G., Pujolar J.M., De Leo G., Gatto M., Lyubartsev V., Melià P., Zane L., Guidetti P., 2012. Assessing dispersal patterns of fish propagules from a Mediterranean Marine Protected Area. *PlosONE*, 7(12): e52108. doi:10.1371/journal.pone.0052108.



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66. Fenberg P.B., Ashworth J.S., Caselle J., Claudet J., Clemence M., Gaines S., García-Charton J.A., Gonçalves E., Grorud-Colvert K., Guidetti P., Jenkins S., Jones P., Lester S., McAllen R., Moland E., Planes S., Sørensen T.K., 2012. The science of European marine reserves: status, efficacy, and future needs. *Marine Policy*, 36: 1012-1021.
67. Sala E., Ballesteros E., Dendrinis E., Di Franco A., Ferretti F., Foley D., Frascchetti S., Friedlander A., Garrabou J., Güçlüsoy H., Guidetti P., Halpern B.S., Hereu B., Karamanlidis A., Kizilkaya K., Macpherson E., Mangialajo L., Mariani S., Micheli F., Riser K., Sales M., Starr R., Selkoe K.A., Tomas F., Zabala M., 2012. The structure of Mediterranean rocky reef ecosystems across environmental and human gradients. *PlosONE*, 7(2): e32742. doi:10.1371/journal.pone.0032742.
68. Di Franco A., Gillanders B.M., De Benedetto G., De Leo G.A., Guidetti P., 2012. Dispersal patterns of coastal fish: implications for designing networks of marine protected areas. *PlosONE*, 7(2): e31681. doi:10.1371/journal.pone.0031681.
69. Schunter C., Carreras-Carbonell J., Macpherson E., Tintoré J., Vidal-Vijande E., Pascual A., Guidetti P., Pascual M., 2011. Matching genetics with oceanography: directional gene flow in a Mediterranean fish species. *Molecular Ecology*, 20, 5167-5181.
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71. Guidetti P., 2011. The destructive date-mussel fishery and the persistence of barrens in Mediterranean rocky reefs. *Marine Pollution Bulletin*, 62, 691-695.
72. Di Franco A., De Benedetto G., De Rinaldis G., Raventos N., Sahyoun R., Guidetti P., 2011. Large scale variability in otolith microstructure and microchemistry: the case study of *Diplodus sargus sargus* (Sparidae) in the Mediterranean Sea. *Italian Journal of Zoology*, 78, 182-192.
73. Di Franco A., Guidetti P., 2011. Patterns of variability in early-life traits of fishes depend on spatial scale of analysis. *Biology Letters*, 7: 454-456.
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