

## Fabio Crocetta



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**Current Position:** 3<sup>rd</sup> Level Researcher (tenured)

### **Current Affiliation:**

Section EMI (Ecologia Marina Integrata), Stazione Zoologica Anton Dohrn, Napoli (Italy)

### **Education/Training/Experience**

Institute and Location	Degree / Function	Year	Field of Study
Università degli Studi di Napoli Federico II Napoli, Italy	Bachelor Degree	2001–2006	zoology, ecology, taxonomy, and marine biology
Università degli Studi di Trieste Trieste, Italy	Master Degree	2006–2010	zoology, ecology, taxonomy, and marine biology
Università degli Studi di Napoli Federico II Stazione Zoologica Anton Dohrn Napoli, Italy	PhD Student	2011–2014	ECO-EVO-DEVO (ecology-evolution-development) in marine species
Stazione Zoologica Anton Dohrn Napoli, Italy	3 <sup>rd</sup> Level Researcher (tenured)	2017–present	zoology, ecology, taxonomy, and marine biology

## **Publications**

Author of 177 scientific products (165 publications indexed in WoS core collection, 14 publications indexed in WoS all databases, 4 publications not indexed, 1 book chapter/monograph, 2 leaflets). Cited 3902 times (H-index: 37; g-index: 53).

*List of publications of the last 10 years (main articles only):*

### **2023**

Santoro M, Bellisario B, Fernández-Álvarez FA, **Crocetta F**, Palomba M (2023). Parasites and prey of the nursehound shark *Scyliorhinus stellaris* (Linnaeus, 1758): insights into hidden trophic web interactions in the Mediterranean Sea. *Journal of Fish Biology*, 102(1): 271-280.

### **2022**

Micaroni V, Strano F, **Crocetta F**, Di Franco D, Piraino S, Gravili C, Rindi F, Bertolino M, Costa G, Langeneck J, Bo M, Betti F, Froglio C, Giangrande A, Tiralongo F, Nicoletti L, Medagli P, Arzeni S, Boero F (2022). Project "Biodiversity MARE Tricase": a Species Inventory of the Coastal Area of Southeastern Salento (Ionian Sea, Italy). *Diversity*, 14: 904.

Santoro M, Bellisario B, Tanduo V, **Crocetta F**, Palomba M (2022). Drivers of parasite communities in three sympatric benthic sharks in the Gulf of Naples (central Mediterranean Sea). *Scientific Reports*, 12(1): 9969.

Rizzo L, Minichino R, Virgili R, Tanduo V, Osca D, Manfredonia A, Consoli P, Colloca F, **Crocetta F** (2022). Benthic litter in the continental slope of the Gulf of Naples (central-western Mediterranean Sea) hosts limited fouling communities but facilitates molluscan spawning. *Marine Pollution Bulletin*, 181: 113915.

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Virgili R, Tanduo V, Katsanevakis S, Terlizzi F, Villani G, Fontana A, **Crocetta F** (2022). The Miseno Lake (central-western Mediterranean Sea): an overlooked reservoir of non-indigenous and cryptogenic ascidians in a marine reserve. *Frontiers in Marine Science*, 9: 866906.

Chiappa G, Fassio G, Corso A, **Crocetta F**, Modica MV, Oliverio M (2022). How many abalone species live in the Mediterranean Sea? *Diversity*, 14: 1107.

Sansone C, Balestra C, Pistelli L, Del Mondo A, Osca D, Brunet C, **Crocetta F**. (2022). A comparative analysis of mucus immunomodulatory properties from seven marine gastropods from the Mediterranean Sea. *Cells*, 11: 2340.

Nuzzo G\*, Gallo C\*, **Crocetta F\***, Romano L, Barra G, Senese G, dell'Isola M, Carbone D, Tanduo V, Albiani F, Villani G, d'Ippolito G, Manzo E, Fontana A (2022). Identification of the marine alkaloid Lepadin A as potential inducer of Immunogenic Cell Death. *Biomolecules*, 12(2): 246. (\*first co-authors)

## 2021

Moreiras Figueruelo A, Nuzzo G, Galasso C, Sansone C, **Crocetta F**, Mazzella V, Gallo C, Barra G, Sardo A, Iuliano A, Manzo E, d'Ippolito G, Albrights M, Andersen JH, Ianora A, Fontana A (2021). Probing Therapeutic Potential of Marine Phyla by SPE Extraction. *Marine Drugs*, 19: 640.

Santoro M, **Crocetta F**, Palomba M (2021). Morphological updates, host-specificity, molecular data and phylogenetic analysis of *Acanthobothrium coronatum* (Cestoda: Onchoproteocephalidea), a neglected parasite of the nursehound *Scyliorhinus stellaris*. *Infection, Genetics and Evolution*, 95: 105023.

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Giovos I, Serena F, Katsada D, Anastasiadis A, Barash A, Charilaou C, Hall-Spencer JM, **Crocetta F**, Kaminas A, Kletou D, Maximiadi M, Minasidis V, Moutopoulos DK, Aga Spyridopoulou RN, Thasitis I, Kleitou P (2021). Integrating literature, biodiversity databases, and citizen-science to reconstruct the checklist of chondrichthyans in Cyprus (eastern Mediterranean). *Fishes*, 6: 24.

Santoro M, Bellisario B, **Crocetta F**, Degli Uberti B, Palomba M (2021). A molecular and ecological study of *Grillotia* (Cestoda: Trypanorhyncha) larval infection in small to mid-sized benthonic sharks in the Gulf of Naples, Mediterranean Sea. *Ecology and Evolution*, 11(20): 13744-13755.

Barbato M, Barría C, Bellodi A, Bonanomi S, Borme D, Ćetković I, Colloca F, Colmenero AI, **Crocetta F**, De Carlo F, Demir E, Di Lorenzo M, Follesa MC, Garibaldi F, Giglio G, Giovos I, Guerriero G, Ksibi M, Kruschel C, Lantieri L, Leonetti FL, Ligas A, Madonna A, Matić Skoko S, Mimica R, Moutopoulos DK, Mulas A, Nerlović V, Hentati O, Pešić A, Porcu C, Riginella E, Sperone E, Tsouknidas K, Tunçer S, Vrdoljak D, Mazzoldi C (2021). The use of fishers' local ecological knowledge to reconstruct fish behavioural traits and fishers' perception of conservation relevance of elasmobranchs in the Mediterranean Sea. *Mediterranean Marine Science*, 22(3): 603-622.

Kleitou P, **Crocetta F**, Giakoumi S, Giovos I, Hall-Spencer JM, Kalogirou S, Kletou D, Moutopoulos DK, Rees S (2021). Fishery reforms for the management of non-indigenous species. *Journal of Environmental Management*, 280: 111690.

Caccavale F, Osca D, D'Aniello S, **Crocetta F** (2021). Molecular taxonomy confirms that the northeastern Atlantic and Mediterranean Sea harbor a single lancelet, *Branchiostoma lanceolatum* (Pallas, 1774) (Cephalochordata: Leptocardii: Branchiostomatidae). *PLoS ONE*, 16(5): e0251358.

Palomba M, Mattiucci S, **Crocetta F**, Osca D, Santoro M (2021). Insights into the role of deep-sea squids of the genus *Histioteuthis* in the life cycle of ascaridoid nematodes in the Mediterranean Sea. *Scientific Reports*, 11: 7135.

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## 2020

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Festa M, Sansone C, Brunet C, **Crocetta F**, Di Paola L, Lombardo M, Bruno A, Noonan DM, Albini A (2020). Cardiovascular Active Peptides of Marine Origin with ACE Inhibitory Activities: Potential Role as Anti-Hypertensive Drugs and in Prevention of SARS-CoV-2 Infection. *International Journal of Molecular Sciences*, 21: 8364.

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Tiralongo F, **Crocetta F**, Riginella E, Lillo AO, Tondo E, Macali A, Mancini E, Russo F, Coco S, Paolillo G, Azzurro E (2020). Snapshot of rare, exotic and overlooked fish species in the Italian seas: a citizen science survey. *Journal of Sea Research*, 164: 101930.

**Crocetta F**, Houart R, Bonomolo G (2020). The more you search, the more you find: a new Mediterranean endemism of the genus *Ocenebra* Gray, 1847 (Mollusca: Gastropoda: Muricidae) from a submarine cave of the Messina Strait area (Italy). *Journal of Marine Science and Engineering*, 8(6): 443.

## 2019

**Crocetta F**, Caputi L, Paz-Sedano S, Tanduo V, Vazzana A, Oliverio M (2019). High genetic connectivity in a gastropod with long-lasting planktonic larvae. *Journal of Molluscan Studies*, 96(1): 1-22.

Giovos I, Kleitou P, Poursanidis D, Batjakas I, Bernardi G, **Crocetta F**, Doumpas N, Kalogirou S, Kampouris T, Keramidas I, Langeneck J, Maximiadi M, Mitsou E, Stoilas VO, Tiralongo F, Romanidis-Kyriakidis G, Xentidis NJ, Zenetos A, Katsanevakis S (2019). Citizen-science for monitoring marine invasions and stimulating public engagement – a case project from the eastern Mediterranean. *Biological Invasions*, 21(12): 3707-3721.

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Pola M, Paz-Sedano S, Macali A, Minchin D, Marchini A, Vitale F, Licchelli C, **Crocetta F** (2019). What is really out there? Review of the genus *Okenia* Menke, 1830 (Nudibranchia: Goniodorididae) in the Mediterranean Sea with description of two new species. *PLoS ONE*, 14(5): e0215037.

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González-Moreno P, Lazzaro L, Vilà M, Preda C, Adriaens T, Bacher S, Brundu G, Copp GH, Essl F, García-Berthou E, Katsanevakis S, Moen T, Lucy F, Nentwig W, Roy HE, Srébalienė G, Talgø V, Vanderhoeven S, Andjelković A, Auger-Rozenberg M-A, Bae M-J, Bariche M, Boets P, Boieiro M, Borges P, Canning-Clode J, Cardigos F, Chartosia N, Cottier-Cook EJ, **Crocetta F**, D'hondt B, Foggi B, Follak S, Gallardo B, Gammelmo Ø, Giakoumi S, Giuliani C, Guillaume F, Jelaska L, Jeschke J, Jover M, Juárez A, Kalogirou S, Kočić A, Kytinou E, Laverty C, Lozano V, Maceda-Veiga A, Marchante E, Marchante H, Martinou AFK, Meyer S, Minchin D, Montero-Castaño A, Seixas Martins Morais MC, Morales-Rodriguez C, Muhthassim N, Árpád Nagy Z, Ogris N, Onen H, Pergl J, Puntilla R, Rabitsch W, Tessa Ramburn T, Rego C, Reichenbach F, Romeralo C, Saul W-C, Schrader G, Sheehan R, Simonović P, Skolka M, Soares AO, Sundheim L, Tarkan AS, Tomov R, Tricarico E, Tsiamis K, Uludağ A, van

Valkenburg J, Verreycken H, Vettraino AM, Vilar L, Wiig Ø, Witzell J, Zanetta A, Kenis M (2019). Consistency of impact assessment protocols for non-native species. *NeoBiota*, 44: 1-25.

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## 2018

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Bazzicalupo E, **Crocetta F**, Estores-Pacheco K, Golestani H, Bazairi H, Giacobbe S, Jaklin A, Poursanidis D, Chandran SBK, Cervera Currado JL, Valdés Á (2018). Population genetics of *Bursatella leachii* (De Blainville, 1817) and implications for the origin of the Mediterranean population. *Helgoland Marine Research*, 72: 19.

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Barco A, Aissaoui C, Houart R, Bonomolo G, **Crocetta F**, Oliverio M (2018). Revision of the *Ocinebrina aciculata* species complex (Mollusca: Gastropoda: Muricidae) in the northeastern Atlantic Ocean and Mediterranean Sea. *Journal of Molluscan Studies*, 84: 19-29.

**Crocetta F**, Tringali LP (2018). Remarks on *Philine striatula* Monterosato, 1874 ex Jeffreys ms., with a survey on Philinidae J.E. Gray, 1850 (1815) *sensu lato* (Gastropoda: Cephalaspidea) recently ascribed to the Mediterranean fauna. *Marine Biodiversity*, 48(3): 1499-1510.

## 2017

**Crocetta F**, Gofas S, Salas C, Tringali LP, Zenetos A (2017). Local ecological knowledge (LEK) versus published literature: a review of non-indigenous Mollusca in Greek marine waters. *Aquatic Invasions*, 12(4): 415-434.

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## 2016

Valero-Gracia A, Marino R, **Crocetta F**, Nittoli V, Tiozzo S, Sordino P (2016). Comparative localization of 5HT serotonin receptors in Thaliacea informs tunicate phylogeny. *Frontiers in Zoology*, 13: 45.

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## 2015

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## 2014

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## 2013

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## 2012

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