

## PUBLICATIONS 2014 - PRESENT

- Franceschini S, Tancioni L, Lorenzoni M, Mattei F, Scardi M (2019) An ecologically constrained procedure for sensitivity analysis of Artificial Neural Networks and other empirical models. *Plos One* 14
- Rakaj A, Fianchini A, Boncagni P, Scardi M, Cataudella S (2019) Artificial reproduction of *Holothuria polii*: A new candidate for aquaculture. *Aquaculture*
- Franceschini S, Gandola E, Martinoli M, Tancioni L, Scardi M (2018) Cascaded neural network improving fish species prediction accuracy: the role of the biotic information. *Scientific Reports* 8
- Mattei F, Franceschini S, Scardi M (2018) A depth-resolved artificial neural network model of marine phytoplankton primary production. *Ecological Modelling* 382: 51-62
- Rakaj A, Fianchini A, Boncagni P, Lovatelli A, Scardi M, Cataudella S (2018) Spawning and rearing of *Holothuria tubulosa*: A new candidate for aquaculture in the Mediterranean region. *Aquaculture Research* 49: 557-568
- Sammartino M, Marullo S, Santoleri R, Scardi M (2018) Modelling the vertical distribution of phytoplankton biomass in the Mediterranean sea from satellite data: A neural network approach. *Remote Sensing* 10
- Bacci T, Rende FS, Scardi M (2017) Shoot micro-distribution patterns in the Mediterranean seagrass *Posidonia oceanica*. *Marine Biology* 164
- Penna A, Casabianca S, Guerra AF, Vernesi C, Scardi M (2017) Analysis of phytoplankton assemblage structure in the Mediterranean Sea based on high-throughput sequencing of partial 18S rRNA sequences. *Marine Genomics* 36: 49-55
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