

Marie Savina-Rolland

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

897
citations

687363

13
h-index

888059

17
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18
all docs

18
docs citations

18
times ranked

1637
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Lessons in modelling and management of marine ecosystems: the Atlantis experience. <i>Fish and Fisheries</i> , 2011, 12, 171-188. | 5.3 | 472 |
| 2 | Modelling marine protected areas: insights and hurdles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140278. | 4.0 | 78 |
| 3 | A comparative ecophysiological study of two infaunal filter-feeding bivalves: <i>Paphia rhomboides</i> and <i>Glycymeris glycymeris</i> . <i>Aquaculture</i> , 2004, 239, 289-306. | 3.5 | 58 |
| 4 | Ocean Futures Under Ocean Acidification, Marine Protection, and Changing Fishing Pressures Explored Using a Worldwide Suite of Ecosystem Models. <i>Frontiers in Marine Science</i> , 2018, 5, . | 2.5 | 45 |
| 5 | Modelling the transport of common sole larvae in the southern North Sea: Influence of hydrodynamics and larval vertical movements. <i>Journal of Marine Systems</i> , 2010, 81, 86-98. | 2.1 | 44 |
| 6 | Do marine ecosystem models give consistent policy evaluations? A comparison of Atlantis and Ecosim. <i>Fisheries Research</i> , 2015, 167, 293-312. | 1.7 | 34 |
| 7 | Principles for operationalizing climate change adaptation strategies to support the resilience of estuarine and coastal ecosystems: An Australian perspective. <i>Marine Policy</i> , 2016, 68, 229-240. | 3.2 | 21 |
| 8 | Identification of the main processes underlying ecosystem functioning in the Eastern English Channel, with a focus on flatfish species, as revealed through the application of the Atlantis end-to-end model. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 201, 208-222. | 2.1 | 21 |
| 9 | Sole larval supply to coastal nurseries: Interannual variability and connectivity at interregional and interpopulation scales. <i>Journal of Sea Research</i> , 2016, 111, 1-10. | 1.6 | 19 |
| 10 | Atlantis Ecosystem Model Summit: Report from a workshop. <i>Ecological Modelling</i> , 2016, 335, 35-38. | 2.5 | 18 |
| 11 | Modelling ecological change over half a century in a subtropical estuary: impacts of climate change, land-use, urbanization and freshwater extraction. <i>Marine Ecology - Progress Series</i> , 2012, 457, 43-66. | 1.9 | 17 |
| 12 | Improving confidence in complex ecosystem models: The sensitivity analysis of an Atlantis ecosystem model. <i>Ecological Modelling</i> , 2020, 431, 109133. | 2.5 | 15 |
| 13 | The Role of Pre-Existing Disturbances in the Effect of Marine Reserves on Coastal Ecosystems: A Modelling Approach. <i>PLoS ONE</i> , 2013, 8, e61207. | 2.5 | 13 |
| 14 | A deterministic population dynamics model to study the distribution of a benthic bivalve with planktonic larvae (<i>Paphia rhomboides</i>) in the English Channel (NW Europe). <i>Journal of Marine Systems</i> , 2008, 70, 63-76. | 2.1 | 12 |
| 15 | Ecological effects of trawling fisheries on the eastern Australian continental shelf: a modelling study. <i>Marine and Freshwater Research</i> , 2013, 64, 1068. | 1.3 | 11 |
| 16 | Investigating spatial heterogeneity of von Bertalanffy growth parameters to inform the stock structuration of common sole, <i>Solea solea</i> , in the Eastern English Channel. <i>Fisheries Research</i> , 2018, 207, 28-36. | 1.7 | 9 |
| 17 | The Impact of Fisheries Discards on Scavengers in the Sea. , 2019, , 129-162. | | 8 |
| 18 | The growth of the banded carpet shell (<i>Paphia rhomboides</i>) in a contrasted region, the English Channel (Western Europe): A modelling study. <i>Ecological Modelling</i> , 2007, 205, 39-51. | 2.5 | 2 |