|  |  |  |
| --- | --- | --- |
| **a) Culture condition** |  |  |
|  |  |  |
| **Authors** | **Year** | **Parameters** |
| Hudson et al. | 2005 | Sediment size, Feed |
| MacDonald et al. | 2013 | Feed (IMTA) |
| Günay et al. | 2015 | Temperature |
| Tolon et al. | 2015 | Sediment size |
| Tolon et al. | 2017 | Stocking density |
| Tolon | 2017 | Salinity, temperature |
| Tolon et al. | 2017 | Feed (IMTA) |
| Domínguez-Godino and González-Wangüemert | 2018b | Stocking density |
| Galimany et al. | 2018 | Temperature |
| Günay et al. | 2019 | Temperature |
| Domínguez-Godino and González-Wangüemert | 2019a | Feed (IMTA) |
| Domínguez-Godino and González-Wangüemert | 2019b | Feed |
| Sousa et al. | 2021 | Stocking density |
| Domínguez-Godino et al. | 2020 | Feed |
| Venâncio et al. | 2021 | Feed |
| Grosso et al. | 2021 | Feed (IMTA) |
| Chatzivasileiou et al. | 2022 | Feed (IMTA) |
| Cutajar et al. | 2022a | Feed (IMTA) |
| Cutajar et al. | 2022b | Feed (IMTA) |
| Sadoul et al. | 2022 | Feed (IMTA) |
| Sousa et al. | 2023 | Feed, Size, Settlement structures |
| Madruga et al. | 2023 | Temperature |
| Rodrigues et al. | 2023 | Feed, Size |
| Sunde and Christophersen | 2023 | Feed (IMTA) |
| Grosso et al. | 2023 | Feed (IMTA) |
|  |  |  |
| **b) Reproduction** |  |  |
|  |  |  |
| **Authors** | **Year** | **Parameters** |
| Domínguez-Godino et al. | 2015 | Spawning induction, Larval development |
| Domínguez-Godino and González-Wangüemert | 2018a | Spawning induction, Larval development |
| Rakaj et al. | 2018 | Spawning induction, Larval development, Feeding regime |
| Moussa et al. | 2018 | Asexual reproduction |
| Toscano and Cirino | 2018 | Asexual reproduction |
| Rakaj et al. | 2019 | Spawning induction, Larval development, Feeding regime |
| Laguerre et al. | 2020 | Spawning induction, Larval development |
| Magdy et al. | 2021 | Spawning induction, Larval development, Stocking density, Feeding regime |
| Schagerström et al. | 2021 | Spawning induction, Larval culture, Feeding regime, Temperature |

**Table S1.** Reference list of articles included in the review grouped for topic: culture condition (a) and reproduction (b), with the indication of the main investigated parameters (see also Figure 5)