

**Collective responses of a large mackerel school depend on the size and speed of a robotic fish but not on tail motion**  
**Kruusmaa, Maarja**; Rieucou, Guillaume; Castillo Montoya, Jose Carlos; **Markna, Riho**; Handegard, Nils Olav Bioinspiration & biomimetics 2016 / p. 1-12 : ill <https://doi.org/10.1088/1748-3190/11/5/056020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Design principle of a biomimetic underwater robot U-CAT**

**Salumäe, Taavi**; Raag, Rasmus; **Rebane, Jaan**; **Ernits, Andres**; **Toming, Gert**; **Ratas, Mart**; **Kruusmaa, Maarja** OCEANS'14 MTS/IEEE St. John's : St. Johns, Newfoundland, Canada, 14-19 September 2014 2014 / [5] p. : ill

**Fault-tolerant control allocation for a bio-inspired underactuated AUV in the presence of actuator failures : design and experiments**

**Remmas, Mohamed Walid**; Chemori, Ahmed; **Kruusmaa, Maarja** Ocean engineering 2023 / art. 115327, 12 p. : ill  
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**Inverse-model intelligent control of fin-actuated underwater robots based on drag force propulsion**

**Remmas, Mohamed Walid**; Chemori, Ahmed; **Kruusmaa, Maarja** Ocean Engineering 2021 / art. 109883, 19 p. : ill  
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