

# Antonio V Sykes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4888544/publications.pdf>

Version: 2024-02-01

61  
papers

1,372  
citations

331670

21  
h-index

395702

33  
g-index

62  
all docs

62  
docs citations

62  
times ranked

972  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Effects of feeding with different live preys on the lipid composition, growth and survival of <i>Octopus vulgaris</i> paralarvae. <i>Aquaculture Research</i> , 2021, 52, 105-116.   | 1.8 | 4         |
| 2  | Regional patterns of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ for European common cuttlefish ( <i>Sepia officinalis</i> ) throughout the Northeast Atlantic Ocean and Mediterranean Sea. <i>Royal Society Open Science</i> , 2021, 8, 210345.   | 2.4 | 5         |
| 3  | Microplastics presence in cultured and wild-caught cuttlefish, <i>Sepia officinalis</i> . <i>Marine Pollution Bulletin</i> , 2020, 160, 111553.  | 5.0 | 41        |
| 4  | Can Cephalopods Vomit? Hypothesis Based on a Review of Circumstantial Evidence and Preliminary Experimental Observations. <i>Frontiers in Physiology</i> , 2020, 11, 765.  | 2.8 | 4         |
| 5  | Behavioural aspects of the spotty bobtail squid <i>Euprymna parva</i> (Cephalopoda: Sepiolidae). <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 530-531, 151442.  | 1.5 | 6         |
| 6  | Natural geochemical markers reveal environmental history and population connectivity of common cuttlefish in the Atlantic Ocean and Mediterranean Sea. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200309.   | 3.4 | 5         |
| 7  | Control of Zootechnology Leads to Improved Cuttlefish ( <i>Sepia officinalis</i> , L.) Reproduction Performance up to Pre-industrial Levels. <i>Frontiers in Marine Science</i> , 2020, 7, .   | 2.5 | 3         |
| 8  | Reversion to developmental pathways underlies rapid arm regeneration in juvenile European cuttlefish, <i>Sepia officinalis</i> (Linnaeus 1758). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2019, 332, 113-120.   | 1.3 | 4         |
| 9  | Interrelationship Between Contractility, Protein Synthesis and Metabolism in Mantle of Juvenile Cuttlefish ( <i>Sepia officinalis</i> ). <i>Frontiers in Physiology</i> , 2019, 10, 1051.  | 2.8 | 3         |
| 10 | Effect of <i>Artemia</i> inherent fatty acid metabolism on the bioavailability of essential fatty acids for <i>Octopus vulgaris</i> paralarvae development. <i>Aquaculture</i> , 2019, 500, 264-271.   | 3.5 | 18        |
| 11 | Aquarium Maintenance Related Diseases. , 2019, , 181-191.  |     | 9         |
| 12 | Meta-analysis approach to the effects of live prey on the growth of <i>Octopus vulgaris</i> paralarvae under culture conditions. <i>Reviews in Aquaculture</i> , 2018, 10, 3-14.   | 9.0 | 31        |
| 13 | Olfactory-like neurons are present in the forehead of common cuttlefish, <i>Sepia officinalis</i> Linnaeus, 1758 (Cephalopoda: Sepiidae). <i>Zoological Journal of the Linnean Society</i> , 2018, 183, 338-346.   | 2.3 | 1         |
| 14 | Common octopus ( <i>Octopus vulgaris</i> ) Performance When Including Fasting on Feeding Schemes: Preliminary Data Regarding a Formulated Feed. <i>Advances in Research</i> , 2018, 13, 1-11.  | 0.3 | 5         |
| 15 | Refining tools for studying cuttlefish ( <i>Sepia officinalis</i> ) reproduction in captivity: In Vivo sexual determination, tagging and DNA collection. <i>Aquaculture</i> , 2017, 479, 13-16.  | 3.5 | 12        |
| 16 | Comparative study on fatty acid metabolism of early stages of two crustacean species: <i>Artemia</i> sp. metanauplii and <i>Grapsus adscensionis</i> zoeae, as live prey for marine animals. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 204, 53-60. | 1.6 | 16        |
| 17 | Hypoxic Induced Decrease in Oxygen Consumption in Cuttlefish ( <i>Sepia officinalis</i> ) Is Associated with Minor Increases in Mantle Octopine but No Changes in Markers of Protein Turnover. <i>Frontiers in Physiology</i> , 2017, 8, 344.  | 2.8 | 17        |
| 18 | The Digestive Tract of Cephalopods: Toward Non-invasive In vivo Monitoring of Its Physiology. <i>Frontiers in Physiology</i> , 2017, 8, 403.   | 2.8 | 13        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Preliminary Results on the Daily and Seasonal Rhythms of Cuttlefish <i>Sepia officinalis</i> (Linnaeus, 1758) Locomotor Activity in Captivity. <i>Fishes</i> , 2017, 2, 9.  | 1.7 | 9         |
| 20 | The Digestive Tract of Cephalopods: a Neglected Topic of Relevance to Animal Welfare in the Laboratory and Aquaculture. <i>Frontiers in Physiology</i> , 2017, 8, 492.  | 2.8 | 15        |
| 21 | Preliminary Results on Light Conditions Manipulation in <i>Octopus vulgaris</i> (Cuvier, 1797) Paralarval Rearing. <i>Fishes</i> , 2017, 2, 21.   | 1.7 | 0         |
| 22 | Enzymatic capacities of metabolic fuel use in cuttlefish ( <i>Sepia officinalis</i> ) and responses to food deprivation: insight into the metabolic organization and starvation survival strategy of cephalopods. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 711-725. | 1.5 | 29        |
| 23 | Composition and metabolism of phospholipids in <i>Octopus vulgaris</i> and <i>Sepia officinalis</i> hatchlings. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 200, 62-68.   | 1.6 | 19        |
| 24 | Metabolic rate and rates of protein turnover in food-deprived cuttlefish, <i>Sepia officinalis</i> (Linnaeus 1758). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R1160-R1168.   | 1.8 | 12        |
| 25 | Taurine depresses cardiac contractility and enhances systemic heart glucose utilization in the cuttlefish, <i>Sepia officinalis</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 215-227.   | 1.5 | 11        |
| 26 | In vivo metabolism of unsaturated fatty acids in <i>Sepia officinalis</i> hatchlings. <i>Aquaculture</i> , 2016, 450, 67-73.  | 3.5 | 12        |
| 27 | The effects of rearing temperature on reproductive conditioning of stalked barnacles ( <i>Pollicipes</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock   | 3.5 | 5         |
| 28 | Performance of raw material thermal treatment on formulated feeds for common octopus ( <i>Octopus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf   | 3.5 | 17        |
| 29 | Camouflage during movement in the European cuttlefish ( <i>Sepia officinalis</i> ). <i>Journal of Experimental Biology</i> , 2015, 218, 3391-8.   | 1.7 | 9         |
| 30 | An insight on <i>Octopus vulgaris</i> paralarvae lipid requirements under rearing conditions. <i>Aquaculture Nutrition</i> , 2015, 21, 797-806.   | 2.7 | 24        |
| 31 | A sensory and nutritional comparison of mussels ( <i>Mytilus</i> sp.) produced in NW Iberia and in the Armona offshore production area (Algarve, Portugal). <i>Food Chemistry</i> , 2015, 168, 520-528.   | 8.2 | 19        |
| 32 | The Effects of light intensity on growth and survival of cuttlefish ( <i>sepia officinalis</i> ) hatchlings and Juveniles. <i>Aquaculture Research</i> , 2014, 45, 2032-2040.   | 1.8 | 11        |
| 33 | Cephalopods in neuroscience: regulations, research and the 3Rs. <i>Invertebrate Neuroscience</i> , 2014, 14, 13-36.   | 1.8 | 142       |
| 34 | Depth perception: cuttlefish ( <i>Sepia officinalis</i> ) respond to visual texture density gradients. <i>Animal Cognition</i> , 2014, 17, 1393-1400.   | 1.8 | 19        |
| 35 | Characterization of deformed hatchlings of <i>Octopus vulgaris</i> obtained under captivity from a small female. <i>Fisheries Research</i> , 2014, 152, 62-65.  | 1.7 | 2         |
| 36 | In vivo metabolism of unsaturated fatty acids in <i>Octopus vulgaris</i> hatchlings determined by incubation with <sup>14</sup> C-labelled fatty acids added directly to seawater as protein complexes. <i>Aquaculture</i> , 2014, 431, 28-33.  | 3.5 | 34        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | <i>Sepia officinalis</i> . , 2014, , 175-204.  |     | 23        |
| 38 | Current Status and Future Challenges in Cephalopod Culture. , 2014, , 479-489.   |     | 19        |
| 39 | Historical Review of Cephalopods Culture. , 2014, , 59-75.   |     | 5         |
| 40 | Nutrition as a Key Factor for Cephalopod Aquaculture. , 2014, , 77-95.   |     | 46        |
| 41 | Welfare and Diseases Under Culture Conditions. , 2014, , 97-112.   |     | 8         |
| 42 | Effects of increased tank bottom areas on cuttlefish ( <i>Sepia officinalis</i> , L.) reproduction performance. <i>Aquaculture Research</i> , 2013, 44, 1017-1028.   | 1.8 | 17        |
| 43 | Early weaning of cuttlefish ( <i>Sepia officinalis</i> , L.) with frozen grass shrimp ( <i>Palaemonetes</i> ) Tj ETQq1 1 0.784314 rgBTJ /Overlock  | 1.8 | 22        |
| 44 | Directive 2010/63/EU on animal welfare: a review on the existing scientific knowledge and implications in cephalopod aquaculture research. <i>Reviews in Aquaculture</i> , 2012, 4, 142-162.   | 9.0 | 47        |
| 45 | The use of different anaesthetics as welfare promoters during short-term human manipulation of European cuttlefish ( <i>Sepia officinalis</i> ) juveniles. <i>Aquaculture</i> , 2012, 370-371, 130-135.  | 3.5 | 33        |
| 46 | The effects of tank colours on the growth and survival of cuttlefish ( <i>Sepia officinalis</i> , Linnaeus 1758) hatchlings and juveniles. <i>Aquaculture Research</i> , 2011, 42, 441-449.  | 1.8 | 26        |
| 47 | Model based optimization of feeding regimens in aquaculture: Application to the improvement of <i>Octopus vulgaris</i> viability in captivity. <i>Journal of Biotechnology</i> , 2010, 149, 209-214.   | 3.8 | 14        |
| 48 | Lipid characterization of both wild and cultured eggs of cuttlefish ( <i>Sepia officinalis</i> L.) throughout the embryonic development. <i>Aquaculture Nutrition</i> , 2009, 15, 38-53.   | 2.7 | 22        |
| 49 | Assessment of European cuttlefish ( <i>Sepia officinalis</i> , L.) nutritional value and freshness under ice storage using a developed Quality Index Method (QIM) and biochemical methods. <i>LWT - Food Science and Technology</i> , 2009, 42, 424-432. | 5.2 | 44        |
| 50 | Acetylcholine Release and Choline Uptake by Cuttlefish ( <i>Sepia officinalis</i> ) Optic Lobe Synaptosomes. <i>Biological Bulletin</i> , 2008, 214, 1-5.  | 1.8 | 3         |
| 51 | Comparative effects of aluminum and ouabain on synaptosomal choline uptake, acetylcholine release and (Na <sup>+</sup> /K <sup>+</sup> )ATPase. <i>Toxicology</i> , 2007, 236, 158-177.  | 4.2 | 28        |
| 52 | The effects of feeding with shrimp or fish fry on growth and mantle lipid composition of juvenile and adult cuttlefish ( <i>Sepia officinalis</i> ). <i>Aquaculture</i> , 2006, 256, 403-413.  | 3.5 | 51        |
| 53 | Effects of Using Live Grass Shrimp ( <i>Palaemonetes varians</i> ) as the only Source of Food for the Culture of Cuttlefish, <i>Sepia officinalis</i> (Linnaeus, 1758). <i>Aquaculture International</i> , 2006, 14, 551-568.                            | 2.2 | 27        |
| 54 | Effects of culture density on growth and broodstock management of the cuttlefish, <i>Sepia officinalis</i> (Linnaeus, 1758). <i>Aquaculture</i> , 2005, 245, 163-173.  | 3.5 | 26        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Growth and survival of cuttlefish ( <i>Sepia officinalis</i> ) of different ages fed crustaceans and fish. Effects of frozen and live prey. <i>Aquaculture</i> , 2004, 229, 239-254.                        | 3.5 | 70        |
| 56 | Title is missing!. <i>Aquaculture International</i> , 2003, 11, 225-242.  | 2.2 | 39        |
| 57 | Effects of feeding live or frozen prey on growth, survival and the life cycle of the cuttlefish, <i>Sepia officinalis</i> (Linnaeus, 1758). <i>Aquaculture International</i> , 2003, 11, 397-410.           | 2.2 | 31        |
| 58 | The influence of culture density and enriched environments on the first stage culture of young cuttlefish, <i>Sepia officinalis</i> (Linnaeus, 1758). <i>Aquaculture International</i> , 2003, 11, 531-544. | 2.2 | 30        |
| 59 | Title is missing!. <i>Aquaculture International</i> , 2002, 10, 207-220.  | 2.2 | 48        |
| 60 | Growth of young cuttlefish, <i>Sepia officinalis</i> (Linnaeus 1758) at the upper end of the biological distribution temperature range. <i>Aquaculture Research</i> , 2001, 32, 923-930.                    | 1.8 | 57        |
| 61 | Title is missing!. <i>Aquaculture International</i> , 2001, 9, 319-331.   | 2.2 | 50        |