

# Antonio V Sykes

## List of Publications by Year in descending order

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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	Cephalopods in neuroscience: regulations, research and the 3Rs. <i>Invertebrate Neuroscience</i> , 2014, 14, 13-36.	1.8	142
2	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
3	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
4	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
5	Title is missing!. <i>Aquaculture International</i> , 2001, 9, 319-331.	2.2	50
6	Title is missing!. <i>Aquaculture International</i> , 2002, 10, 207-220.	2.2	48
7	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
8	Nutrition as a Key Factor for Cephalopod Aquaculture. , 2014, , 77-95.		46
9	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
10	Microplastics presence in cultured and wild-caught cuttlefish, <i>Sepia officinalis</i> . <i>Marine Pollution Bulletin</i> , 2020, 160, 111553.	5.0	41
11	Title is missing!. <i>Aquaculture International</i> , 2003, 11, 225-242.	2.2	39
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	An insight on <i>Octopus vulgaris</i> paralarvae lipid requirements under rearing conditions. <i>Aquaculture Nutrition</i> , 2015, 21, 797-806.	2.7	24
23	<i>Sepia officinalis</i> . , 2014, , 175-204.		23
24	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
25	Early weaning of cuttlefish ( <i>Sepia officinalis</i> L.) with frozen grass shrimp ( <i>Palaemonetes</i> ) Tj ETQq1 1 0.784314 rgBT / Overlock	1.8	22
26	Depth perception: cuttlefish ( <i>Sepia officinalis</i> ) respond to visual texture density gradients. <i>Animal Cognition</i> , 2014, 17, 1393-1400.	1.8	19
27	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
28	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
29	Current Status and Future Challenges in Cephalopod Culture. , 2014, , 479-489.		19
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	In vivo metabolism of unsaturated fatty acids in <i>Sepia officinalis</i> hatchlings. <i>Aquaculture</i> , 2016, 450, 67-73.	3.5	12
40	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
41	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
42	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
43	Camouflage during movement in the European cuttlefish ( <i>Sepia officinalis</i> ). <i>Journal of Experimental Biology</i> , 2015, 218, 3391-8.	1.7	9
44	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
45	Aquarium Maintenance Related Diseases. , 2019, , 181-191.		9
46	Welfare and Diseases Under Culture Conditions. , 2014, , 97-112.		8
47	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
48	The effects of rearing temperature on reproductive conditioning of stalked barnacles ( <i>Pollicipes</i> ) Tj ETQq0 0 0 rgBT/Qverlock_10 Tf 50 3	3.5	5
49	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
50	Regional patterns of $\delta^{13}C$ and $\delta^{15}N$ 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
51	Historical Review of Cephalopods Culture. , 2014, , 59-75.		5
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	Preliminary Results on Light Conditions Manipulation in <i>Octopus vulgaris</i> (Cuvier, 1797) Paralarval Rearing. <i>Fishes</i> , 2017, 2, 21.	1.7	0