

# Awantha Dissanayake

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

2,854  
citations

430874

18  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

3745  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Ingested Microscopic Plastic Translocates to the Circulatory System of the Mussel, <i>Mytilus edulis</i> (L.). Environmental Science & Technology, 2008, 42, 5026-5031.   | 10.0 | 1,700     |
| 2  | Differential sensitivity of three marine invertebrates to copper assessed using multiple biomarkers. Aquatic Toxicology, 2004, 66, 267-278.   | 4.0  | 223       |
| 3  | A Multibiomarker Approach To Environmental Assessment. Environmental Science & Technology, 2004, 38, 1723-1731.   | 10.0 | 196       |
| 4  | Predator traits determine food-web architecture across ecosystems. Nature Ecology and Evolution, 2019, 3, 919-927.  | 7.8  | 157       |
| 5  | Synergistic effects of elevated CO <sub>2</sub> and temperature on the metabolic scope and activity in a shallow-water coastal decapod ( <i>Metapenaeus joyneri</i> ; Crustacea: Penaeidae). ICES Journal of Marine Science, 2011, 68, 1147-1154.                               | 2.5  | 73        |
| 6  | Ecosystem management bioindicators: the ECOMAN project – a multi-biomarker approach to ecosystem management. Marine Environmental Research, 2004, 58, 233-237.  | 2.5  | 65        |
| 7  | Esterase activities in the bivalve mollusc <i>Adamussium colbecki</i> as a biomarker for pollution monitoring in the Antarctic marine environment. Marine Pollution Bulletin, 2004, 49, 445-455.  | 5.0  | 58        |
| 8  | The ECOMAN project: A novel approach to defining sustainable ecosystem function. Marine Pollution Bulletin, 2006, 53, 186-194.  | 5.0  | 50        |
| 9  | The influence of seasonality on biomarker responses in <i>Mytilus edulis</i> . Ecotoxicology, 2010, 19, 953-962.  | 2.4  | 47        |
| 10 | Effects of hypercapnia on acid-base balance and osmo-/iono-regulation in prawns (Decapoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3   | 1.4  | 40        |
| 11 | Evaluation of fixed wavelength fluorescence and synchronous fluorescence spectrophotometry as a biomonitoring tool of environmental contamination. Marine Environmental Research, 2004, 58, 281-285.  | 2.5  | 35        |
| 12 | Physiological responses of juvenile and adult shore crabs <i>Carcinus maenas</i> (Crustacea: Decapoda) to pyrene exposure. Marine Environmental Research, 2008, 66, 445-450.  | 2.5  | 31        |
| 13 | Evaluation of the Genotoxic and Physiological Effects of Decabromodiphenyl Ether (BDE-209) and Dechlorane Plus (DP) Flame Retardants in Marine Mussels ( <i>Mytilus galloprovincialis</i> ). Environmental Science & Technology, 2016, 50, 2700-2708.                           | 10.0 | 31        |
| 14 | Physiological condition and intraspecific agonistic behaviour in <i>Carcinus maenas</i> (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222  | 1.5  | 29        |
| 15 | Seasonal differences in the physiology of <i>Carcinus maenas</i> (Crustacea: Decapoda) from estuaries with varying levels of anthropogenic contamination. Estuarine, Coastal and Shelf Science, 2011, 93, 320-327.  | 2.1  | 26        |
| 16 | Nutritional status of <i>Carcinus maenas</i> (Crustacea: Decapoda) influences susceptibility to contaminant exposure. Aquatic Toxicology, 2008, 89, 40-46.  | 4.0  | 25        |
| 17 | Elucidating cellular and behavioural effects of contaminant impact (polycyclic aromatic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1  | 2.5  | 25        |
| 18 | Monitoring PAH contamination in the field (South west Iberian Peninsula): Biomonitoring using fluorescence spectrophotometry and physiological assessments in the shore crab <i>Carcinus maenas</i> (L.) (Crustacea: Decapoda). Marine Environmental Research, 2010, 70, 65-72. | 2.5  | 19        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Immunomodulating effects of environmentally realistic copper concentrations in <i>Mytilus edulis</i> adapted to naturally low salinities. <i>Aquatic Toxicology</i> , 2013, 140-141, 185-195. | 4.0 | 10        |
| 20 | BEHAVIORAL, PHYSIOLOGICAL, AND CELLULAR RESPONSES FOLLOWING TROPHIC TRANSFER OF TOXIC MONOAROMATIC HYDROCARBONS. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 381.               | 4.3 | 4         |
| 21 | Ocean Acidification and Warming Effects on Crustacea: Possible Future Scenarios. , 2014, , 363-372.   |     | 4         |
| 22 | Osmoregulatory ability and salinity tolerance in several decapod crustaceans (Palaemonidae ^ ^amp;) Tj ETQq0 0 0,rgBT /Overlock 10 T  | 0.8 | 3         |
| 23 | Organophosphorous biocides reduce tenacity and cellular viability but not esterase activities in a non-target prosobranch (limpet). <i>Environmental Pollution</i> , 2015, 203, 208-213.      | 7.5 | 3         |