

Simon M Cragg

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,635
citations

394286

19
h-index

302012

39
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58
all docs

58
docs citations

58
times ranked

2039
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Mapping the biotic degradation hazard of wood in Europe—biophysical background, engineering applications, and climate change-induced prospects. <i>Holzforschung</i> , 2022, 76, 188-210. | 0.9 | 7 |
| 2 | Biomimetic generation of the strongest known biomaterial found in limpet tooth. <i>Nature Communications</i> , 2022, 13, . | 5.8 | 5 |
| 3 | Mangrove ecological services at the forefront of coastal change in the French overseas territories. <i>Science of the Total Environment</i> , 2021, 763, 143004. | 3.9 | 31 |
| 4 | Furfurylation protects timber from degradation by marine wood boring crustaceans. <i>Green Chemistry</i> , 2021, 23, 8003-8015. | 4.6 | 7 |
| 5 | Distinguishing ten sympatric species of fiddler crab (Decapoda: Ocypodidae) using a suite of phenotypic characteristics. <i>Zootaxa</i> , 2021, 5026, 480-506. | 0.2 | 0 |
| 6 | Characterisation of the enzyme transport path between shipworms and their bacterial symbionts. <i>BMC Biology</i> , 2021, 19, 233. | 1.7 | 8 |
| 7 | Vascular Plants Are Globally Significant Contributors to Marine Carbon Fluxes and Sinks. <i>Annual Review of Marine Science</i> , 2020, 12, 469-497. | 5.1 | 50 |
| 8 | DIVERSet JAG Compounds Inhibit Topoisomerase II and Are Effective Against Adult and Pediatric High-Grade Gliomas. <i>Translational Oncology</i> , 2019, 12, 1375-1385. | 1.7 | 2 |
| 9 | The potential of electrospun poly(methyl methacrylate)/polycaprolactone core—sheath fibers for drug delivery applications. <i>Journal of Materials Science</i> , 2019, 54, 5712-5725. | 1.7 | 33 |
| 10 | Durability and protection of timber structures in marine environments in Europe: An overview. <i>BioResources</i> , 2019, 14, 10161-10184. | 0.5 | 19 |
| 11 | Uncovering the molecular mechanisms of lignocellulose digestion in shipworms. <i>Biotechnology for Biofuels</i> , 2018, 11, 59. | 6.2 | 42 |
| 12 | Evaluating less-used timber species for marine construction. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2018, 171, 134-148. | 0.7 | 1 |
| 13 | Laboratory screening of thermo-mechanically densified and thermally modified timbers for resistance to the marine borer <i>Limnoria quadripunctata</i> . <i>European Journal of Wood and Wood Products</i> , 2018, 76, 393-396. | 1.3 | 0 |
| 14 | Hemocyanin facilitates lignocellulose digestion by wood-boring marine crustaceans. <i>Nature Communications</i> , 2018, 9, 5125. | 5.8 | 29 |
| 15 | Hydrological features above a Southern Ocean seamount inhibit larval dispersal and promote speciation: evidence from the bathyal mytilid <i>Dacrydium alleni</i> sp. nov. (Mytilidae: Bivalvia). <i>Polar Biology</i> , 2018, 41, 1493-1504. | 0.5 | 1 |
| 16 | <i>Rhizophora stylosa</i> prop roots even when damaged prevent wood-boring teredinids from toppling the trees. <i>Hydrobiologia</i> , 2017, 803, 333-344. | 1.0 | 4 |
| 17 | Nanoparticles of alkylglyceryl dextran and poly(ethyl cyanoacrylate) for applications in drug delivery: Preparation and characterization. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 265-279. | 1.8 | 9 |
| 18 | <i>Zachsia zenkewitschi</i> (Teredinidae), a Rare and Unusual Seagrass Boring Bivalve Revisited and Redescribed. <i>PLoS ONE</i> , 2016, 11, e0155269. | 1.1 | 19 |

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|----|---|-----|-----------|
| 19 | Biology and Ecology of Scallop Larvae. <i>Developments in Aquaculture and Fisheries Science</i> , 2016, , 31-83. | 1.3 | 11 |
| 20 | Introduction, dispersal and naturalization of the Manila clam <i>Ruditapes philippinarum</i> in British estuaries, 1980–2010. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 1163-1172. | 0.4 | 22 |
| 21 | <i>Uca cryptica</i> Naderloo, TÁrkay & Chen, 2010 (Crustacea: Brachyura: Ocypodidae) is no longer cryptic. <i>Zootaxa</i> , 2015, 3981, 291-5. | 0.2 | 1 |
| 22 | Resistance of modified wood to marine borers. <i>International Biodeterioration and Biodegradation</i> , 2015, 104, 8-14. | 1.9 | 22 |
| 23 | Lignocellulose degradation mechanisms across the Tree of Life. <i>Current Opinion in Chemical Biology</i> , 2015, 29, 108-119. | 2.8 | 478 |
| 24 | The complete mitochondrial genome of <i>Limnoria quadripunctata</i> Holthuis (Isopoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td | 0.6 | 10 |
| 25 | Biogeography of Wood-Boring Crustaceans (Isopoda: Limnoriidae) Established in European Coastal Waters. <i>PLoS ONE</i> , 2014, 9, e109593. | 1.1 | 19 |
| 26 | Developmental dynamics of myogenesis in the shipworm <i>Lyrodus pedicellatus</i> (Mollusca: Bivalvia). <i>Frontiers in Zoology</i> , 2014, 11, 90. | 0.9 | 15 |
| 27 | Diversity, environmental requirements, and biogeography of bivalve wood-borers (Teredinidae) in European coastal waters. <i>Frontiers in Zoology</i> , 2014, 11, 13. | 0.9 | 52 |
| 28 | The broadcast spawning Caribbean shipworm, <i>Teredothyra dominicensis</i> (Bivalvia, Teredinidae), has invaded and become established in the eastern Mediterranean Sea. <i>Biological Invasions</i> , 2014, 16, 2037-2048. | 1.2 | 12 |
| 29 | First records of the warm water shipworm <i>Teredo bartschi</i> Clapp, 1923 (Bivalvia, Teredinidae) in Mersin, southern Turkey and in OlhÁo, Portugal. <i>BiolInvasions Records</i> , 2014, 3, 25-28. | 0.4 | 6 |
| 30 | Structural characterization of a unique marine animal family 7 cellobiohydrolase suggests a mechanism of cellulase salt tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10189-10194. | 3.3 | 87 |
| 31 | Dartfish use teredinid tunnels in fallen mangrove wood as a low-tide refuge. <i>Marine Ecology - Progress Series</i> , 2013, 486, 237-245. | 0.9 | 15 |
| 32 | Evaluation of wooden materials deteriorated by marine-wood boring organisms in the Black Sea. <i>Maderas: Ciencia Y Tecnologia</i> , 2012, 14, 79-90. | 0.7 | 8 |
| 33 | Investigating the taxonomy and systematics of marine wood borers (Bivalvia : Teredinidae) combining evidence from morphology, DNA barcodes and nuclear locus sequences. <i>Invertebrate Systematics</i> , 2012, 26, 572. | 0.5 | 46 |
| 34 | A new method for removing microflora from macroalgal surfaces: an important step for natural product discovery. <i>Botanica Marina</i> , 2011, 54, 457-469. | 0.6 | 30 |
| 35 | Establishment and Succession of an Epibiotic Community on Chromated Copper Arsenate-Treated Wood in Mediterranean Waters. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 58, 71-78. | 2.1 | 2 |
| 36 | Molecular insight into lignocellulose digestion by a marine isopod in the absence of gut microbes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5345-5350. | 3.3 | 115 |

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|----|--|-----|-----------|
| 37 | The life history characteristics of the wood-boring bivalve <i>Teredo bartschi</i> are suited to the elevated salinity, oligotrophic circulation in the Gulf of Aqaba, Red Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 375, 99-105. | 0.7 | 28 |
| 38 | A laboratory assay for measuring feeding and mortality of the marine wood borer <i>Limnoria</i> under forced feeding conditions: A basis for a standard test method. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 289-296. | 1.9 | 14 |
| 39 | The resistance of wood modified with linear chain carboxylic acid anhydrides to attack by the marine wood borer <i>Limnoria quadripunctata</i> Holthius. <i>International Biodeterioration and Biodegradation</i> , 2008, 61, 199-202. | 1.9 | 20 |
| 40 | Laboratory screening of tropical hardwoods for natural resistance to the marine borer <i>Limnoria quadripunctata</i> : The role of leachable and non-leachable factors. <i>Holzforschung</i> , 2008, 62, 99-111. | 0.9 | 34 |
| 41 | Contribution of hardness to the natural resistance of a range of wood species to attack by the marine borer <i>Limnoria</i> . <i>Holzforschung</i> , 2007, 61, 201-206. | 0.9 | 14 |
| 42 | Chapter 2 Development, physiology, behaviour and ecology of scallop larvae. <i>Developments in Aquaculture and Fisheries Science</i> , 2006, 35, 45-122. | 1.3 | 27 |
| 43 | A laboratory assessment of the natural durability of the lesser-utilised species <i>Corynanthe pachyceras</i> Welw. and <i>Glyphaea brevis</i> (Sprengel) Monachino against the marine wood borer <i>Limnoria quadripunctata</i> Holthius. <i>International Biodeterioration and Biodegradation</i> , 2006, 57, 71-74. | 1.9 | 10 |
| 44 | Effects of the epibiotic heterotrich ciliate <i>Mirofolliculina limnoriae</i> and of moulting on faecal pellet production by the wood-boring isopods, <i>Limnoria tripunctata</i> and <i>Limnoria quadripunctata</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 334, 165-173. | 0.7 | 12 |
| 45 | A Questionnaire Survey to Establish the Perceptions of Uk Specifiers Concerning the Key Material Attributes of Timber for Use in Marine and Fresh Water Engineering. <i>Journal of the Institute of Wood Science</i> , 2005, 17, 41-50. | 0.0 | 5 |
| 46 | Application of a micro-respirometric volumetric method to respiratory measurements of larvae of the Pacific oyster <i>Crassostrea gigas</i> . <i>Aquatic Living Resources</i> , 2004, 17, 195-200. | 0.5 | 10 |
| 47 | Assessment of Effects of Chromated Copper Arsenate (CCA)-Treated Timber on Nontarget Epibiota by Investigation of Fouling Community Development at Seven European Sites. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 45, 37-47. | 2.1 | 13 |
| 48 | Marine Wood Boring Arthropods: Ecology, Functional Anatomy, and Control Measures. <i>ACS Symposium Series</i> , 2003, , 272-286. | 0.5 | 13 |
| 49 | Invertebrate biodeterioration of marine timbers above mean sea level along the coastlines of England and Wales. <i>International Biodeterioration and Biodegradation</i> , 2001, 47, 175-181. | 1.9 | 13 |
| 50 | Copper Accumulation in the Digestive Caecae of <i>Limnoria quadripunctata</i> Holthius (Isopoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 | 0.9 | 5 |
| 51 | Effects of CCA (copper-chrome-arsenic) preservative treatment of wood on the settlement and recruitment of barnacles and tube building polychaete worms. <i>Biofouling</i> , 2000, 15, 151-164. | 0.8 | 6 |
| 52 | Developments in the understanding of the biology of marine wood boring crustaceans and in methods of controlling them. <i>International Biodeterioration and Biodegradation</i> , 1999, 43, 197-205. | 1.9 | 40 |
| 53 | <i>Limnoria lignorum</i> ingest bacterial and fungal degraded wood. <i>European Journal of Wood and Wood Products</i> , 1991, 49, 488-490. | 1.3 | 16 |
| 54 | THE CILIATED RIM OF THE VELUM OF LARVAE OF PECTEN MAXIMUS (BIVALVIA: PECTINIDAE). <i>Journal of Molluscan Studies</i> , 1989, 55, 497-508. | 0.4 | 17 |

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|----|---|-----|-----------|
| 55 | Two new species of Limnoriidae (Isopoda) from Papua New Guinea. <i>Journal of Natural History</i> , 1988, 22, 1507-1516. | 0.2 | 2 |
| 56 | Some corallanid isopods associated with wood from Papua New Guinea, including three new species (Isopoda: Corallanidae). <i>Journal of Natural History</i> , 1983, 17, 837-847. | 0.2 | 6 |
| 57 | Swimming behaviour of the larvae of <i>Pecten maximus</i> (L.) (Bivalvia). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1980, 60, 551-564. | 0.4 | 70 |
| 58 | The ultrastructure of the statocysts in the pediveliger larvae of <i>Pecten maximus</i> (L.) (Bivalvia). <i>Journal of Experimental Marine Biology and Ecology</i> , 1977, 27, 23-36. | 0.7 | 42 |