## Michael H Depledge

List of Publications by Year in descending order

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142 15,755 papers citations

61
h-index

121 g-index

146 all docs

146 docs citations 146 times ranked 17898 citing authors

#	Article	IF	CITATIONS
1	Association of Urinary Bisphenol A Concentration With Medical Disorders and Laboratory Abnormalities in Adults. JAMA - Journal of the American Medical Association, 2008, 300, 1303.	7.4	1,208
2	Does Participating in Physical Activity in Outdoor Natural Environments Have a Greater Effect on Physical and Mental Wellbeing than Physical Activity Indoors? A Systematic Review. Environmental Science & Environmental Environmental Science & Environmental Environmenta	10.0	911
3	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. Lancet, The, 2018, 391, 581-630.	13.7	802
4	Would You Be Happier Living in a Greener Urban Area? A Fixed-Effects Analysis of Panel Data. Psychological Science, 2013, 24, 920-928.	3.3	591
5	Blue space: The importance of water for preference, affect, and restorativeness ratings of natural and built scenes. Journal of Environmental Psychology, 2010, 30, 482-493.	5.1	570
6	Spending at least 120 minutes a week in nature is associated with good health and wellbeing. Scientific Reports, 2019, 9, 7730.	3.3	523
7	Longitudinal Effects on Mental Health of Moving to Greener and Less Green Urban Areas. Environmental Science & Technology, 2014, 48, 1247-1255.	10.0	471
8	Association between Serum Perfluorooctanoic Acid (PFOA) and Thyroid Disease in the U.S. National Health and Nutrition Examination Survey. Environmental Health Perspectives, 2010, 118, 686-692.	6.0	397
9	A horizon scan of global conservation issues for 2010. Trends in Ecology and Evolution, 2010, 25, 1-7.	8.7	322
10	Feelings of restoration from recent nature visits. Journal of Environmental Psychology, 2013, 35, 40-51.	5.1	303
11	Immunotoxicity in invertebrates: measurement and ecotoxicological relevance., 2001, 10, 5-23.		292
12	The Lancet Countdown: tracking progress on health and climate change. Lancet, The, 2017, 389, 1151-1164.	13.7	292
13	Does living by the coast improve health and wellbeing?. Health and Place, 2012, 18, 1198-1201.	3.3	290
14	An integrated biomarker-based strategy for ecotoxicological evaluation of risk in environmental management. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 552, 247-268.	1.0	271
15	Potential applications of subseasonalâ€toâ€seasonal ( <scp>\$2\$\$\scp&gt;\$) predictions. Meteorological Applications, 2017, 24, 315-325.</scp>	2.1	265
16	Beyond greenspace: an ecological study of population general health and indicators of natural environment type and quality. International Journal of Health Geographics, 2015, 14, 17.	2.5	252
17	Human Health and Ocean Pollution. Annals of Global Health, 2020, 86, 151.	2.0	240
18	Coastal proximity, health and well-being: Results from a longitudinal panel survey. Health and Place, 2013, 23, 97-103.	3.3	231

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19	Differential sensitivity of three marine invertebrates to copper assessed using multiple biomarkers. Aquatic Toxicology, 2004, 66, 267-278.	4.0	223
20	Horizon scan of global conservation issues for 2011. Trends in Ecology and Evolution, 2011, 26, 10-16.	8.7	213
21	A Multibiomarker Approach To Environmental Assessment. Environmental Science &	10.0	196
22	Ecological Significance of Endocrine Disruption in Marine Invertebrates. Marine Pollution Bulletin, 1999, 39, 32-38.	5.0	177
23	Hsp70 expression in Enteromorpha intestinalis (Chlorophyta) exposed to environmental stressors. Aquatic Toxicology, 2001, 51, 277-291.	4.0	176
24	Qualitative assessment of genotoxicity using random amplified polymorphic DNA: Comparison of genomic template stability with key fitness parameters in <i>Daphnia magna</i> exposed to benzo[ <i>a</i> )pyrene. Environmental Toxicology and Chemistry, 1999, 18, 2275-2282.	4.3	174
25	Stress proteins (HSP's): Methods of Detection and Their Use as an Environmental Biomarker. Ecotoxicology, 1999, 8, 351-368.	2.4	171
26	Natural environments and subjective wellbeing: Different types of exposure are associated with different aspects of wellbeing. Health and Place, 2017, 45, 77-84.	3.3	169
27	A Systematic Review of the Health and Well-Being Benefits of Biodiverse Environments. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2014, 17, 1-20.	6.5	156
28	Comparison of ultraviolet-induced genotoxicity detected by random amplified polymorphic DNA with chlorophyll fluorescence and growth in a marine macroalgae, Palmaria palmata. Aquatic Toxicology, 2000, 50, 1-12.	4.0	150
29	Evaluation of the random amplified polymorphic DNA (RAPD) assay for the detection of DNA damage and mutations. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 521, 151-163.	1.7	148
30	Nature–Based Interventions for Improving Health and Wellbeing: The Purpose, the People and the Outcomes. Sports, 2019, 7, 141.	1.7	143
31	Rapid assessment of organophosphorous/carbamate exposure in the bivalve mollusc Mytilus edulis using combined esterase activities as biomarkers. Aquatic Toxicology, 2002, 61, 169-180.	4.0	140
32	A proposal for the use of biomarkers for the assessment of chronic pollution and in regulatory toxicology. Ecotoxicology, 2003, 12, 331-343.	2.4	140
33	Urban blue space and health and wellbeing in Hong Kong: Results from a survey of older adults. Health and Place, 2019, 55, 100-110.	3.3	135
34	Health Effects in Fish of Long-Term Exposure to Effluents from Wastewater Treatment Works. Environmental Health Perspectives, 2006, 114, 81-89.	6.0	134
35	Biodiversity, cultural pathways, and human health: a framework. Trends in Ecology and Evolution, 2014, 29, 198-204.	8.7	132
36	Can Natural and Virtual Environments Be Used To Promote Improved Human Health and Wellbeing?. Environmental Science & Environm	10.0	131

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37	Combating ecosystem collapse from the tropics to the Antarctic. Global Change Biology, 2021, 27, 1692-1703.	9.5	128
38	Rapid Assessment of Marine Pollution Using Multiple Biomarkers and Chemical Immunoassays. Environmental Science & Environmenta	10.0	121
39	Genetic and Molecular Ecotoxicology: A Research Framework. Environmental Health Perspectives, 1994, 102, 3-8.	6.0	111
40	Community and population indicators of ecosystem health: targeting links between levels of biological organisation. Aquatic Toxicology, 1997, 38, 183-197.	4.0	111
41	Field application of metallothionein and stress protein biomarkers in the shore crab (Carcinus) Tj ETQq1 1 0.7843	314.rgBT /	Overlock 10
42	Recreational physical activity in natural environments and implications for health: A population based cross-sectional study in England. Preventive Medicine, 2016, 91, 383-388.	3.4	107
43	Coastal proximity and physical activity: Is the coast an under-appreciated public health resource?. Preventive Medicine, 2014, 69, 135-140.	3.4	103
44	Monitoring the impact of litter in large vertebrates in the Mediterranean Sea within the European Marine Strategy Framework Directive (MSFD): Constraints, specificities and recommendations. Marine Environmental Research, 2014, 100, 3-9.	2.5	96
45	Responses of Crustaceans to Contaminant Exposure: a Holistic Approach. Estuarine, Coastal and Shelf Science, 1997, 44, 177-184.	2.1	95
46	A survey of total mercury and methylmercury in edible fish and invertebrates from Azorean waters. Marine Environmental Research, 1997, 44, 331-350.	2.5	93
47	Indicators of ocean health and human health: developing a research and monitoring framework Environmental Health Perspectives, 2002, 110, 839-845.	6.0	92
48	Healthy publics: enabling cultures and environments for health. Palgrave Communications, 2018, 4, 57.	4.7	92
49	Integrating health and environmental impact analysis. Public Health, 2015, 129, 1383-1389.	2.9	90
50	Healthy animals, healthy ecosystems. Frontiers in Ecology and the Environment, 2005, 3, 251-258.	4.0	86
51	Toxicity of tributyltin in the marine mollusc Mytilus edulis. Marine Pollution Bulletin, 2005, 51, 811-816.	5.0	83
52	4-n-Nonylphenol and $17 \cdot \hat{l}^2$ estradiol may induce common DNA effects in developing barnacle larvae. Environmental Pollution, 2002, 120, 735-738.	<b>7.</b> 5	74
53	The Blue Gym: Health and wellbeing from our coasts. Marine Pollution Bulletin, 2009, 58, 947-948.	5.0	72
54	Fostering human health through ocean sustainability in the 21st century. People and Nature, 2019, 1, 276-283.	3.7	72

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55	Marine Biota and Psychological Well-Being. Environment and Behavior, 2016, 48, 1242-1269.	4.7	71
56	Fitness Parameters and DNA Effects Are Sensitive Indicators of Copper-Induced Toxicity in Daphnia magna. Toxicological Sciences, 2001, 59, 241-250.	3.1	70
57	Nanotechnology and the environment: Risks and rewards. Marine Pollution Bulletin, 2005, 50, 609-612.	5.0	69
58	Ecosystem management bioindicators: the ECOMAN project – a multi-biomarker approach to ecosystem management. Marine Environmental Research, 2004, 58, 233-237.	2.5	65
59	Genetic ecotoxicology: an overview. Journal of Experimental Marine Biology and Ecology, 1996, 200, 57-66.	1.5	64
60	A horizon scan of global conservation issues for 2012. Trends in Ecology and Evolution, 2012, 27, 12-18.	8.7	64
61	Inhibition of barnacle settlement by the environmental oestrogen 4-nonylphenol and the natural oestrogen $17\hat{l}^2$ oestradiol. Marine Pollution Bulletin, 1998, 36, 833-839.	5.0	63
62	Long-term exposure to 4-nonylphenol affects sexual differentiation and growth of the amphipod Corophium volutator (#Pallas, 1766). Science of the Total Environment, 1999, 233, 77-88.	8.0	62
63	Detection of genotoxins in the marine environment: adoption and evaluation of an integrated approach using the embryo–larval stages of the marine mussel, Mytilus edulis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 464, 213-228.	1.7	60
64	Multi-variate Analysis of Biomarker Responses in Mytilus edulis and Carcinus maenas from the Tees Estuary (UK). Marine Pollution Bulletin, 1999, 39, 145-154.	5.0	59
65	Effects of the organophosphorous pesticide, dimethoate, on cardiac and acetylcholinesterase (AChE) activity in the shore crab Carcinus maenas. Aquatic Toxicology, 1997, 40, 23-36.	4.0	58
66	The health implications of fracking. Lancet, The, 2014, 383, 757-758.	13.7	57
67	Induction of cypris major protein in barnacle larvae by exposure to 4-n-nonylphenol and 17β-oestradiol. Aquatic Toxicology, 2000, 47, 203-212.	4.0	56
68	Genotoxic, cytotoxic and ontogenetic effects of tri-n-butyltin on the marine worm, Platynereis dumerilii (Polychaeta: Nereidae). Aquatic Toxicology, 2002, 57, 243-255.	4.0	55
69	Potential Changes in Disease Patterns and Pharmaceutical Use in Response to Climate Change. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2013, 16, 285-320.	6.5	53
70	A horizon scan of global conservation issues for 2015. Trends in Ecology and Evolution, 2015, 30, 17-24.	8.7	53
71	QUALITATIVE ASSESSMENT OF GENOTOXICITY USING RANDOM AMPLIFIED POLYMORPHIC DNA: COMPARISON OF GENOMIC TEMPLATE STABILITY WITH KEY FITNESS PARAMETERS IN DAPHNIA MAGNA EXPOSED TO BENZO[a]PYRENE. Environmental Toxicology and Chemistry, 1999, 18, 2275.	4.3	53
72	Climate warming will not decrease winter mortality. Nature Climate Change, 2014, 4, 190-194.	18.8	51

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73	The ECOMAN project: A novel approach to defining sustainable ecosystem function. Marine Pollution Bulletin, 2006, 53, 186-194.	5.0	50
74	Beyond Regulation: Risk Pricing and Responsible Innovation. Environmental Science & Emp; Technology, 2009, 43, 6902-6906.	10.0	48
75	Changes in the tissue concentrations and contents of calcium, copper and zinc in the shore crab Carcinus maenas (L.) (Crustacea: Decapoda) during the moult cycle and following copper exposure during ecdysis. Marine Environmental Research, 1997, 44, 397-414.	2.5	47
76	Is There a Causal Association between Genotoxicity and the Imposex Effect?. Environmental Health Perspectives, 2006, 114, 20-26.	6.0	47
77	High Urinary Tungsten Concentration Is Associated with Stroke in the National Health and Nutrition Examination Survey 1999–2010. PLoS ONE, 2013, 8, e77546.	2.5	47
78	Evaluation of the mussel Perna perna as a biomonitor of polycyclic aromatic hydrocarbon (PAH) exposure and effects. Marine Pollution Bulletin, 2007, 54, 329-338.	5.0	46
79	Population responses of the marine amphipod Corophium volutator (Pallas, 1766) to copper. Aquatic Toxicology, 1998, 44, 31-45.	4.0	43
80	Light pollution in the sea. Marine Pollution Bulletin, 2010, 60, 1383-1385.	5.0	43
81	Extended impacts of climate change on health and wellbeing. Environmental Science and Policy, 2014, 44, 271-278.	4.9	43
82	Rapid Assessment of Marine Pollution (RAMP). Marine Pollution Bulletin, 2006, 53, 631-639.	5.0	40
83	Reduce drug waste in the environment. Nature, 2011, 478, 36-36.	27.8	40
84	Considerations for the development of shale gas in the United Kingdom. Science of the Total Environment, 2015, 512-513, 36-42.	8.0	40
85	Optimized RAPD Analysis Generates High-Quality Genomic DNA Profiles at High Annealing Temperature. BioTechniques, 2000, 28, 52-54.	1.8	39
86	Rapid Toxicity Assessment and Biomonitoring of Marine Contaminants â€" Exploiting the Potential of Rapid Biomarker Assays and Microscale Toxicity Tests. Marine Pollution Bulletin, 2001, 42, 799-804.	5.0	39
87	Rapid assessment of polycyclic aromatic hydrocarbon (PAH) exposure in decapod crustaceans by fluorimetric analysis of urine and haemolymph. Aquatic Toxicology, 2004, 67, 127-142.	4.0	39
88	Urinary PAH Metabolites as Biomarkers of Exposure in Aquatic Environments. Environmental Science & Environmental & Env	10.0	37
89	Radon and Skin Cancer in Southwest England. Epidemiology, 2012, 23, 44-52.	2.7	36
90	The role of large marine vertebrates in the assessment of the quality of pelagic marine ecosystems. Marine Environmental Research, 2012, 77, 156-158.	2.5	36

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91	An evaluation of the relative sensitivity of two marine bivalve mollusc species using the Comet assay. Marine Environmental Research, 2006, 62, S301-S305.	2.5	35
92	Data Mashups: Potential Contribution to Decision Support on Climate Change and Health. International Journal of Environmental Research and Public Health, 2014, 11, 1725-1746.	2.6	35
93	Improving health and well-being independently of GDP: dividends of greener and prosocial economies. International Journal of Environmental Health Research, 2016, 26, 11-36.	2.7	34
94	Paradigmatic approaches to studying environment and human health: (Forgotten) implications for interdisciplinary research. Environmental Science and Policy, 2013, 25, 218-228.	4.9	33
95	Biomarkers. , 2008, , 683-731.		32
96	Oceans and Human Health (OHH): a European Perspective from the Marine Board of the European Science Foundation (Marine Board-ESF). Microbial Ecology, 2013, 65, 889-900.	2.8	32
97	Do Preferences for Waterscapes Persist in Inclement Weather and Extend to Sub-aquatic Scenes?. Landscape Research, 2014, 39, 339-358.	1.6	32
98	A preliminary investigation into the restorative potential of public aquaria exhibits: a UK student-based study. Landscape Research, 2017, 42, 18-32.	1.6	31
99	The Innovation Union: a perfect means to confused ends?. Environmental Science and Policy, 2012, 16, 73-80.	4.9	30
100	An evaluation of hemolymph cholinesterase activities in the tropical scallop, Euvola (Pecten) ziczac, for the rapid assessment of pesticide exposure. Marine Pollution Bulletin, 2002, 44, 1010-1017.	5.0	28
101	Use of the random amplif   ed polymorphic DNA (RAPD) assay for the detection of DNA damage and mutations: possible implications of confounding factors. Biomarkers, 2002, 7, 94-101.	1.9	27
102	Induction and identification of cadmium-, zinc- and copper-metallothioneins in the shore crab Carcinus maenas (L.). Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1998, 120, 251-259.	0.5	26
103	Primary structures of decapod crustacean metallothioneins with special emphasis on freshwater and semi-terrestrial species. Biochemical Journal, 1996, 319, 999-1003.	3.7	24
104	Characterisation of nitric oxide synthase activity in the tropical sea anemone Aiptasia pallida. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2000, 125, 483-491.	1.6	24
105	The Effects of Exercising in Different Natural Environments on Psycho-Physiological Outcomes in Post-Menopausal Women: A Simulation Study. International Journal of Environmental Research and Public Health, 2015, 12, 11929-11953.	2.6	24
106	Relative performance of immunochemical (enzyme-linked immunosorbent assay) and gas chromatography–electron-capture detection techniques to quantify polychlorinated biphenyls in mussel tissues. Analytica Chimica Acta, 2002, 461, 75-84.	5.4	23
107	Polar bivalves are characterized by high antioxidant defences. Polar Research, 2005, 24, 111-118.	1.6	23
108	Healthy people with nature in mind. BMC Public Health, 2015, 15, 1232.	2.9	23

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109	Spatial and Temporal Distribution of Shore Crabs Carcinus Maenas in a Small Tidal Estuary (Looe) Tj ETQq1 1 0.78	43.14 rgBT 0.8	Qverlock
110	Age-Related Impairments of Mobility Associated with Cobalt and Other Heavy Metals: Data from NHANES 1999–2004. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 402-409.	2.3	22
111	Endogenous cardiac activity rhythms of continental slopeNephrops norvegicus(decapoda:) Tj ETQq1 1 0.784314 r	gBT /Over	lock 10 Tf 5
112	Larval Development and Vitellin-like Protein Expression in Palaemon elegans Larvae Following Xeno-oestrogen Exposure. Integrative and Comparative Biology, 2005, 45, 51-60.	2.0	21
113	Time and tide. BMJ: British Medical Journal, 2019, 366, l4671.	2.3	21
114	Physiological and cellular responses in two populations of the mussel Perna perna collected at different sites from the coast of São Paulo, Brazil. Brazilian Archives of Biology and Technology, 2005, 48, 217-225.	0.5	19
115	The Ocean Decade—Opportunities for Oceans and Human Health Programs to Contribute to Public Health. American Journal of Public Health, 2021, 111, 808-811.	2.7	19
116	Mainstreaming Carbon Management in Healthcare Systems: A Bottom-Up Modeling Approach. Environmental Science & Environmental Sc	10.0	18
117	Medicine â€~misuse': Implications for health and environmental sustainability. Social Science and Medicine, 2015, 143, 81-87.	3.8	17
118	The oceans and human health. Marine Pollution Bulletin, 2006, 53, 541-544.	5.0	16
119	Biomarkers and environmental risk assessment: Guiding principles from the human health field. Marine Pollution Bulletin, 2008, 56, 613-619.	5.0	15
120	Novel approaches and technologies in pollution assessment and monitoring: A UK perspective. Ocean and Coastal Management, 2009, 52, 336-341.	4.4	15
121	Reviewing the role of aquaria as restorative settings: how subaquatic diversity in public aquaria can influence preferences, and human health and well-being. Human Dimensions of Wildlife, 2018, 23, 446-460.	1.8	15
122	Association of Infant Eczema with Childhood and Adult Asthma: Analysis of Data from the 1958 Birth Cohort Study. International Journal of Environmental Research and Public Health, 2018, 15, 1415.	2.6	14
123	Fracking Cannot Be Reconciled with Climate Change Mitigation Policies. Environmental Science & Emp; Technology, 2015, 49, 8269-8270.	10.0	13
124	Are interventions to reduce the impact of arsenic contamination of groundwater on human health in developing countries effective? A systematic review. Environmental Evidence, 2013, 2, .	2.7	11
125	Evaluation of mercury-induced changes in circadian heart rate rhythms in the freshwater crab, Potamon potamios and the crayfish, Astacus astacus as an early predictor of mortality. Comparative Biochemistry and Physiology A, Comparative Physiology, 1996, 115, 349-356.	0.6	10
126	Indicators of Ocean and Human Health. Canadian Journal of Public Health, 2002, 93, S34-S38.	2.3	9

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127	Effects of BPA in Snails. Environmental Health Perspectives, 2006, 114, A340-A341.	6.0	9
128	Forest 404: Using a BBC drama series to explore the impact of nature's changing soundscapes on human wellbeing and behavior. Global Environmental Change, 2022, 74, 102497.	7.8	9
129	Development of the in vivo chromosome aberration assay in oyster (Crassostrea gigas) embryo–larvae for genotoxicity assessment. Marine Environmental Research, 2006, 62, S278-S282.	2.5	8
130	The Weightâ€ofâ€Evidence Approach and the Need for Greater International Acceptance of Its Use in Tackling Questions of Chemical Harm to the Environment. Environmental Toxicology and Chemistry, 2021, 40, 2968-2977.	4.3	8
131	Sick of the Weather: Climate Change, Human Health and International Law. Environmental Law Review, 2007, 9, 231-240.	0.4	7
132	Exploring the potential of large vertebrates as early warning sentinels of threats to marine ecosystems, human health and wellbeing. Marine Environmental Research, 2014, 100, 1-2.	2.5	7
133	A common sense approach for confronting coral reef decline associated with human activities. Marine Pollution Bulletin, 2005, 51, 481-485.	5.0	6
134	In situ flow-injection monitoring of ammonia in landfill leachate. Laboratory Robotics and Automation, 1997, 9, 175-183.	0.2	5
135	Validation of immunoassay methods to determine hydrocarbon contamination in estuarine sediments. Journal of the Brazilian Chemical Society, 2007, 18, 774-781.	0.6	4
136	Global Perspectives on Wildlife Toxicology Emerging Issues. , 2010, , 197-255.		4
137	TEMPORAL BIOMARKER RESPONSES IN WILD PASSERINE BIRDS EXPOSED TO PESTICIDE SPRAY DRIFT. Environmental Toxicology and Chemistry, 1997, 16, 2118.	4.3	4
138	Environmental Rights and Wrongs. Environmental Science & Environmental Rights and Wrongs. Environmental Science & Environmental Rights and Wrongs.	10.0	3
139	EU innovation must benefit society. Nature, 2011, 474, 161-161.	27.8	3
140	Reply to 'A note of caution about the excess winter deaths measure'. Nature Climate Change, 2014, 4, 648-648.	18.8	2
141	Chapter 5. Scientific Challenges and Policy Needs. Issues in Environmental Science and Technology, 2011, , 128-163.	0.4	1
142	The Future of the Weightâ€ofâ€Evidence Approach: A Response to Suter's Comments. Environmental Toxicology and Chemistry, 2021, 40, 2947-2949.	4.3	0