

Richard Owen

List of Publications by Year in descending order

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65
papers

9,201
citations

101496

36
h-index

128225

60
g-index

85
all docs

85
docs citations

85
times ranked

8129
citing authors

#	ARTICLE	IF	CITATIONS
1	Organisational institutionalisation of responsible innovation. <i>Research Policy</i> , 2021, 50, 104132.	3.3	78
2	Experimenting with co-development: A qualitative study of gene drive research for malaria control in Mali. <i>Social Science and Medicine</i> , 2021, 276, 113850.	1.8	8
3	An unfinished journey? Reflections on a decade of responsible research and innovation. <i>Journal of Responsible Innovation</i> , 2021, 8, 217-233.	2.3	85
4	Embedding responsible innovation within synthetic biology research and innovation: insights from a UK multi-disciplinary research centre. <i>Journal of Responsible Innovation</i> , 2020, 7, 384-409.	2.3	34
5	<i>Innovation and Responsibility</i> , 2020, , 155-164.		2
6	A Micro-ethnographic Study of Big Data-Based Innovation in the Financial Services Sector: Governance, Ethics and Organisational Practices. <i>Journal of Business Ethics</i> , 2019, 160, 363-375.	3.7	19
7	<i>Responsible Innovation and Responsible Research and Innovation</i> , 2019, , .		90
8	The discourse of eco-innovation in the European Union: An analysis of the Eco-Innovation Action Plan and Horizon 2020. <i>Journal of Cleaner Production</i> , 2019, 214, 653-665.	4.6	73
9	<i>Responsible innovation: process and politics</i> , 2019, , .		13
10	Innovation for de-growth: A case study of counter-hegemonic practices from Kerala, India. <i>Journal of Cleaner Production</i> , 2018, 197, 1872-1883.	4.6	29
11	Expert perspectives on potential environmental risks from nanomedicines and adequacy of the current guideline on environmental risk assessment. <i>Environmental Science: Nano</i> , 2018, 5, 1873-1889.	2.2	30
12	Framing inclusive innovation within the discourse of development: Insights from case studies in India. <i>Research Policy</i> , 2018, 47, 23-34.	3.3	89
13	Synthetic biology and the prospects for responsible innovation. <i>Essays in Biochemistry</i> , 2016, 60, 347-355.	2.1	16
14	Probabilistic modelling of prospective environmental concentrations of gold nanoparticles from medical applications as a basis for risk assessment. <i>Journal of Nanobiotechnology</i> , 2015, 13, 93.	4.2	54
15	Framing responsible innovation in synthetic biology: the need for a critical discourse analysis approach. <i>Journal of Responsible Innovation</i> , 2015, 2, 104-108.	2.3	11
16	Framing resource-constrained innovation at the "bottom of the pyramid": Insights from an ethnographic case study in rural Bangladesh. <i>Technological Forecasting and Social Change</i> , 2015, 92, 300-311.	6.2	75
17	Responsible innovation across borders: tensions, paradoxes and possibilities. <i>Journal of Responsible Innovation</i> , 2014, 1, 191-199.	2.3	131
18	Responsible innovation: motivations for a new journal. <i>Journal of Responsible Innovation</i> , 2014, 1, 1-8.	2.3	79

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19	The UK Engineering and Physical Sciences Research Council's commitment to a framework for responsible innovation. <i>Journal of Responsible Innovation</i> , 2014, 1, 113-117.	2.3	83
20	Governance of new product development and perceptions of responsible innovation in the financial sector: insights from an ethnographic case study. <i>Journal of Responsible Innovation</i> , 2014, 1, 9-30.	2.3	48
21	Eco-Innovation at the "Bottom of the Pyramid", 2014, , 293-313.		11
22	Oceans and Human Health (OHH): a European Perspective from the Marine Board of the European Science Foundation (Marine Board-ESF). <i>Microbial Ecology</i> , 2013, 65, 889-900.	1.4	32
23	Optimising web-based information retrieval methods for horizon scanning. <i>Foresight</i> , 2013, 15, 159-176.	1.2	16
24	Developing a framework for responsible innovation. <i>Research Policy</i> , 2013, 42, 1568-1580.	3.3	1,859
25	Instability in Search Engine Results: Lessons Learned in the Context of Horizon Scanning Applications. , 2013, , .		2
26	Potential environmental implications of nano-enabled medical applications: critical review. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 123-144.	1.7	23
27	Why Solar Radiation Management Geoengineering and Democracy Won't Mix. <i>Environment and Planning A</i> , 2013, 45, 2809-2816.	2.1	106
28	Evaluating Business Intelligence Gathering Techniques for Horizon Scanning Applications. <i>Lecture Notes in Computer Science</i> , 2013, , 350-361.	1.0	2
29	Des valeurs coopératives à l'innovation responsable. <i>Projectics / Proyéctica / Projectique</i> , 2013, n°11-12, 13-21.	0.0	3
30	From co-operative values to responsible innovation. <i>Projectics / Proyéctica / Projectique</i> , 2013, n°11-12, 5-12.	0.0	3
31	The hidden costs of flexible fertility. <i>Nature</i> , 2012, 485, 441-441.	13.7	62
32	Responsible research and innovation: From science in society to science for society, with society. <i>Science and Public Policy</i> , 2012, 39, 751-760.	1.2	1,050
33	Web-based horizon scanning: concepts and practice. <i>Foresight</i> , 2012, 14, 355-373.	1.2	25
34	Legitimate Conditions for Climate Engineering. <i>Environmental Science & Technology</i> , 2011, 45, 9116-9117.	4.6	4
35	Good governance for geoengineering. <i>Nature</i> , 2011, 479, 293-293.	13.7	90
36	Chapter 5. Scientific Challenges and Policy Needs. <i>Issues in Environmental Science and Technology</i> , 2011, , 128-163.	0.4	1

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37	Redefining risk research priorities for nanomaterials. <i>Journal of Nanoparticle Research</i> , 2010, 12, 383-392.	0.8	57
38	Responsible Innovation: A Pilot Study with the U.K. Engineering and Physical Sciences Research Council. <i>Risk Analysis</i> , 2010, 30, 1699-1707.	1.5	120
39	High Doses of Intravenously Administered Titanium Dioxide Nanoparticles Accumulate in the Kidneys of Rainbow Trout but with no Observable Impairment of Renal Function. <i>Toxicological Sciences</i> , 2009, 109, 372-380.	1.4	96
40	Beyond Regulation: Risk Pricing and Responsible Innovation. <i>Environmental Science & Technology</i> , 2009, 43, 6902-6906.	4.6	48
41	The ecotoxicology and chemistry of manufactured nanoparticles. <i>Ecotoxicology</i> , 2008, 17, 287-314.	1.1	774
42	The ecotoxicology of nanoparticles and nanomaterials: current status, knowledge gaps, challenges, and future needs. <i>Ecotoxicology</i> , 2008, 17, 315-325.	1.1	746
43	Ecotoxicity test methods and environmental hazard assessment for engineered nanoparticles. <i>Ecotoxicology</i> , 2008, 17, 421-437.	1.1	170
44	Nondestructive DNA extraction from blackflies (Diptera: Simuliidae): retaining voucher specimens for DNA barcoding projects. <i>Molecular Ecology Resources</i> , 2008, 8, 56-61.	2.2	43
45	Biomarkers and environmental risk assessment: Guiding principles from the human health field. <i>Marine Pollution Bulletin</i> , 2008, 56, 613-619.	2.3	15
46	Application of biomarkers for improving risk assessments of chemicals under the Water Framework Directive: A case study. <i>Marine Pollution Bulletin</i> , 2008, 56, 1111-1118.	2.3	173
47	Viewpoint: Formulating the Problems for Environmental Risk Assessment of Nanomaterials. <i>Environmental Science & Technology</i> , 2007, 41, 5582-5588.	4.6	121
48	Health Impacts of Estrogens in the Environment, Considering Complex Mixture Effects. <i>Environmental Health Perspectives</i> , 2007, 115, 1704-1710.	2.8	117
49	Developmental pattern of telomerase expression in the sand scallop, <i>Euvola ziczac</i> . <i>Invertebrate Biology</i> , 2007, 126, 40-45.	0.3	12
50	Lack of age-associated telomere shortening in long- and short-lived species of sea urchins. <i>FEBS Letters</i> , 2006, 580, 4713-4717.	1.3	47
51	Development of the in vivo chromosome aberration assay in oyster (<i>Crassostrea gigas</i>) embryo larvae for genotoxicity assessment. <i>Marine Environmental Research</i> , 2006, 62, S278-S282.	1.1	8
52	Contamination of Caribbean coastal waters by the antifouling herbicide Irgarol 1051. <i>Marine Pollution Bulletin</i> , 2006, 52, 635-644.	2.3	61
53	Biomarkers and integrated environmental risk assessment: Are there more questions than answers?. <i>Integrated Environmental Assessment and Management</i> , 2006, 2, 312-329.	1.6	118
54	Nanotechnology and the environment: Risks and rewards. <i>Marine Pollution Bulletin</i> , 2005, 50, 609-612.	2.3	69

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55	Shifting the paradigm of coral-reef "health"™ assessment. Marine Pollution Bulletin, 2005, 51, 486-494.	2.3	55
56	A common sense approach for confronting coral reef decline associated with human activities. Marine Pollution Bulletin, 2005, 51, 481-485.	2.3	6
57	Increased Zooxanthellae Nitric Oxide Synthase Activity Is Associated With Coral Bleaching. Biological Bulletin, 2005, 208, 3-6.	0.7	52
58	The influence of shell growth rate on striae deposition in the scallop Pecten maximus. Journal of the Marine Biological Association of the United Kingdom, 2002, 82, 621-623.	0.4	19
59	Isotopic partitioning between scallop shell calcite and seawater: effect of shell growth rate. Geochimica Et Cosmochimica Acta, 2002, 66, 1727-1737.	1.6	74
60	Experimental investigation into partitioning of stable isotopes between scallop (Pecten maximus) shell calcite and sea water. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 185, 163-174.	1.0	55
61	Indicators of ocean health and human health: developing a research and monitoring framework.. Environmental Health Perspectives, 2002, 110, 839-845.	2.8	92
62	Indicators of Ocean and Human Health. Canadian Journal of Public Health, 2002, 93, S34-S38.	1.1	9
63	Inhibition of coral photosynthesis by the antifouling herbicide Irgarol 1051. Marine Pollution Bulletin, 2002, 44, 623-632.	2.3	106
64	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.	2.3	28
65	Endnotes: Building Capacity for Responsible Innovation. , 0, , 269-273.		2