

Sally Gaw

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,437
citations

257450

24
h-index

206112

48
g-index

65
all docs

65
docs citations

65
times ranked

3303
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources, impacts and trends of pharmaceuticals in the marine and coastal environment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130572.	4.0	336
2	Direct radiative effects of airborne microplastics. <i>Nature</i> , 2021, 598, 462-467.	27.8	152
3	Personal care products and steroid hormones in the Antarctic coastal environment associated with two Antarctic research stations, McMurdo Station and Scott Base. <i>Environmental Research</i> , 2015, 136, 331-342.	7.5	147
4	Leaching and extraction of additives from plastic pollution to inform environmental risk: A multidisciplinary review of analytical approaches. <i>Journal of Hazardous Materials</i> , 2021, 414, 125571.	12.4	128
5	Potential ecological footprints of active pharmaceutical ingredients: an examination of risk factors in low-, middle- and high-income countries. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130586.	4.0	123
6	First evidence of microplastics in Antarctic snow. <i>Cryosphere</i> , 2022, 16, 2127-2145.	3.9	118
7	Assessment of a mussel as a metal bioindicator of coastal contamination: Relationships between metal bioaccumulation and multiple biomarker responses. <i>Science of the Total Environment</i> , 2015, 511, 663-675.	8.0	89
8	Within-Mat Variability in Anatoxin-a and Homoanatoxin-a Production among Benthic Phormidium (Cyanobacteria) Strains. <i>Toxins</i> , 2012, 4, 900-912.	3.4	77
9	Biomarker responses in New Zealand green-lipped mussels <i>Perna canaliculus</i> exposed to microplastics and triclosan. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110871.	6.0	77
10	First report of saxitoxin production by a species of the freshwater benthic cyanobacterium, <i>Scytonema Agardh</i> . <i>Toxicon</i> , 2011, 57, 566-573.	1.6	74
11	Microplastic contamination in Auckland (New Zealand) beach sediments. <i>Marine Pollution Bulletin</i> , 2020, 151, 110867.	5.0	69
12	Synthetic shorelines in New Zealand? Quantification and characterisation of microplastic pollution on Canterbury's coastlines. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2016, 50, 317-325.	2.0	63
13	Uptake of DDT , Arsenic, Cadmium, Copper, and Lead by Lettuce and Radish Grown in Contaminated Horticultural Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 6584-6593.	5.2	58
14	Impairment of green-lipped mussel (<i>Perna canaliculus</i>) physiology by waterborne cadmium: Relationship to tissue bioaccumulation and effect of exposure duration. <i>Aquatic Toxicology</i> , 2012, 124-125, 114-124.	4.0	52
15	Biochemical biomarker responses of green-lipped mussel, <i>Perna canaliculus</i> , to acute and subchronic waterborne cadmium toxicity. <i>Aquatic Toxicology</i> , 2013, 140-141, 303-313.	4.0	51
16	Effects of waterborne cadmium on metabolic rate, oxidative stress, and ion regulation in the freshwater fish, inanga (<i>Galaxias maculatus</i>). <i>Aquatic Toxicology</i> , 2018, 194, 1-9.	4.0	38
17	The effects of copper on microbial activity and the degradation of atrazine and indoxacarb in a New Zealand soil. <i>Soil Biology and Biochemistry</i> , 2012, 52, 64-74.	8.8	37
18	Phormidium autumnale Growth and Anatoxin-a Production under Iron and Copper Stress. <i>Toxins</i> , 2013, 5, 2504-2521.	3.4	36

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19	Survey of Scytonema (Cyanobacteria) and associated saxitoxins in the littoral zone of recreational lakes in Canterbury, New Zealand. <i>Phycologia</i> , 2012, 51, 542-551.	1.4	35
20	Natural and anthropogenic radionuclide activity concentrations in the New Zealand diet. <i>Journal of Environmental Radioactivity</i> , 2016, 151, 601-608.	1.7	32
21	Waterborne cadmium impacts immunocytotoxic and cytogenotoxic endpoints in green-lipped mussel, <i>Perna canaliculus</i> . <i>Aquatic Toxicology</i> , 2013, 142-143, 283-293.	4.0	31
22	Acute exposure to an environmentally relevant concentration of diclofenac elicits oxidative stress in the culturally important galaxiid fish <i>Galaxias maculatus</i> . <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 224-235.	4.3	29
23	Oxidative stress in the galaxiid fish, <i>Galaxias maculatus</i> , exposed to binary waterborne mixtures of the pro-oxidant cadmium and the anti-oxidant diclofenac. <i>Environmental Pollution</i> , 2019, 247, 638-646.	7.5	28
24	Mechanisms of zinc toxicity in the galaxiid fish, <i>Galaxias maculatus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 179, 184-190.	2.6	26
25	Comparison of Deposition Sampling Methods to Collect Airborne Microplastics in Christchurch, New Zealand. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	26
26	Acute and sub-chronic effects of sub-lethal cadmium exposure on energy metabolism in the freshwater shrimp, <i>Paratya curvirostris</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 135, 60-67.	6.0	25
27	The Mobility of Silver Nanoparticles and Silver Ions in the Soil-Plant System. <i>Journal of Environmental Quality</i> , 2019, 48, 1835-1841.	2.0	23
28	Radium in New Zealand agricultural soils: Phosphate fertiliser inputs, soil activity concentrations and fractionation profiles. <i>Journal of Environmental Radioactivity</i> , 2019, 205-206, 119-126.	1.7	22
29	Comparison of earthworm and chemical assays of the bioavailability of aged 1,1-dichloro-2,2-bis(4-chlorophenyl)ethylene, 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane, and heavy metals in orchard soils. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1306-1316.	4.3	21
30	Activity concentrations of ¹³⁷ Caesium and ²¹⁰ Polonium in seafood from fishing regions of New Zealand and the dose assessment for seafood consumers. <i>Journal of Environmental Radioactivity</i> , 2016, 151, 542-550.	1.7	21
31	Towards Sustainable Environmental Quality: Priority Research Questions for the Australasian Region of Oceania. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 917-935.	2.9	19
32	Organic Micropollutants in Wastewater Effluents and the Receiving Coastal Waters, Sediments, and Biota of Lyttelton Harbour (Te Whakaraupā), New Zealand. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 461-477.	4.1	17
33	Development of acute and chronic sediment bioassays with the harpacticoid copepod <i>Quinquelaophonte</i> sp. <i>Ecotoxicology and Environmental Safety</i> , 2014, 99, 82-91.	6.0	15
34	Changes in saxitoxin-production through growth phases in the metaphytic cyanobacterium <i>Scytonema cf. crispum</i> . <i>Toxicon</i> , 2015, 103, 74-79.	1.6	15
35	Natural variation in correlations between cadmium and micronutrients in potato tubers. <i>Journal of Food Composition and Analysis</i> , 2017, 59, 55-60.	3.9	15
36	Fifth national survey of pesticides in groundwater in New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2008, 42, 397-407.	2.0	14

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37	Spatial variability in Polonium-210 and Lead-210 activity concentration in New Zealand shellfish and dose assessment. <i>Journal of Environmental Radioactivity</i> , 2020, 211, 106043.	1.7	14
38	Corrosion of metal roof materials related to volcanic ash interactions. <i>Natural Hazards</i> , 2014, 71, 785-802.	3.4	13
39	Changing tides: Adaptive monitoring, assessment, and management of pharmaceutical hazards in the environment through time. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1037-1042.	4.3	13
40	Latitudinal, sex and inter-specific differences in mercury and other trace metal concentrations in AdÃ©lie and Emperor penguins in the Ross Sea, Antarctica. <i>Marine Pollution Bulletin</i> , 2020, 154, 111047.	5.0	13
41	Fate and agricultural consequences of leachable elements added to the environment from the 2011 CordÃ³n Caulle tephra fall. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 554-570.	2.1	12
42	Estimated dietary fluoride intake for New Zealanders. <i>Journal of Public Health Dentistry</i> , 2010, 70, 327-336.	1.2	10
43	Indigenous and local peoples' values of estuarine shellfisheries: moving towards holistic-based catchment management. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2018, 52, 526-541.	2.0	10
44	Acute waterborne cadmium toxicity in the estuarine pulmonate mud snail, <i>Amphibola crenata</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 274-283.	6.0	9
45	Distribution of trace elements in the tissues of arrow squid (<i>Nototodarus sloanii</i>) from the Chatham Rise, New Zealand: Human health implications. <i>Fisheries Research</i> , 2020, 221, 105383.	1.7	9
46	Platinum-Ruthenium Nanoparticles: Active and Selective Catalysts for Hydrogenation of Phenylacetylene. <i>Australian Journal of Chemistry</i> , 2012, 65, 1420.	0.9	8
47	Biomarker responses of mussels exposed to earthquake disturbances. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 182, 98-111.	2.1	8
48	Development of acute and chronic toxicity bioassays using the pelagic copepod <i>Glabidiferens pectinatus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 611-617.	6.0	8
49	Wastewater treatment plant effluents in New Zealand are a significant source of microplastics to the environment. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2023, 57, 336-352.	2.0	8
50	A case of contagious toxicity? Isoprostanes as potential emerging contaminants of concern. <i>Science of the Total Environment</i> , 2016, 560-561, 295-298.	8.0	7
51	Effects of waterborne cadmium on energy metabolism in the tropical sea cucumber, <i>Stichopus horrens</i> , and a comparison of tissue-specific cadmium accumulation with the temperate sea cucumber <i>Australostichopus mollis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 141, 1-8.	6.0	7
52	Environmental Parameters Affecting the Concentration of Iodine in New Zealand Pasture. <i>Journal of Environmental Quality</i> , 2019, 48, 1517-1523.	2.0	7
53	Dose assessment for polonium-210 (Po-210) in New Zealand shellfish. <i>Journal of Environmental Radioactivity</i> , 2022, 242, 106788.	1.7	7
54	Effects of traditional fishing techniques on internal organ regeneration, physiology, and biochemistry in the tropical sea cucumber <i>Stichopus horrens</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2019, 510, 15-22.	1.5	6

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55	The effect of irradiance and temperature on the role of photolysis in the removal of organic micropollutants under Antarctic conditions. <i>Environmental Chemistry</i> , 2013, 10, 417.	1.5	5
56	Deterministic and Semiprobabilistic Modeling of the Committed Dose from Radionuclides and the Chemical Burden from Uranium in the New Zealand Diet. <i>Journal of Food Protection</i> , 2018, 81, 1400-1410.	1.7	5
57	Differential cadmium resistance of two morphologically distinct types of potato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.5	3
58	Shellfish consumption and recreational gathering practices in Northland, New Zealand. <i>Regional Studies in Marine Science</i> , 2021, 47, 101967.	0.7	3
59	On correlation analysis of many observations: an alternative to Pearson's correlation coefficient and its application to an ecotoxicological study. <i>Australian and New Zealand Journal of Statistics</i> , 2017, 59, 371-387.	0.9	2
60	Population responses of the pulmonate gastropod, <i>Amphibola crenata</i> , reflect estuarine trace metal contamination. <i>New Zealand Journal of Marine and Freshwater Research</i> , 0, , 1-12.	2.0	2
61	Spatial and temporal change in trace element profiles in seawater, sediment and mussels associated with an earthquake rubble sea-fill. <i>Marine Pollution Bulletin</i> , 2021, 164, 112034.	5.0	1
62	Radium in New Zealand agricultural soils: Crop uptake and estimation of current and future ionising radiation dose. <i>Journal of Environmental Radioactivity</i> , 2022, 244-245, 106808.	1.7	1
63	The relationship between population attributes of the mud snail <i>Amphibola crenata</i> and sediment contamination: A multi-estuary assessment. <i>Marine Pollution Bulletin</i> , 2022, 180, 113762.	5.0	1
64	Assessing the Efficacy of a Sediment Remediation Program Using Benthic and Pelagic Copepod Bioassays. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 492-499.	4.3	0